

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bitcoin
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	175151949461.46075
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ethereum
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3003003.55555
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Tether
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	14533.71844
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	BNB Chain
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	167176.19066
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Solana
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	14669530.5736
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	USDC
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	102755.15112
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	XRP
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	446557.84939
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Dogecoin
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	8408960144.25225
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	TRON
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3525451.24416
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Toncoin
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3553146.67078
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Cardano
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	503313.05778
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Avalanche
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1665271.45965
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Shiba Inu
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	177.48257
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Chainlink
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	230.44259
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bitcoin Cash
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	922792668.65167
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Polkadot
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1032395.04744
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	DAI
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	390.94187
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Litecoin
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5273027963.75703
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Near Protocol
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4256392.62309
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Uniswap
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	15305.52792
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Kaspa
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	128559008.65503
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Internet Computer
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2550413.94496
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Pepe
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	115.65566
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aptos
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	366639.91481
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Artificial Superintelligence Alliance
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2155497.8768
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Stellar
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	49316.20384
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ethereum Classic
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	198842133.10777
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	First Digital USD
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.85794
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Stacks
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3188534.93527
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Sui
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1074210.95102
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Cronos
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2867893.02897
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Filecoin
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	64242483.24414
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aave
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	591.2467
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Immutable
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1840591.31266
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Render
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	39.72348
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bittensor
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2682813.19798
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Mantle
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2807968.8606
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Hedera
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	51722.78698
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Arbitrum
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2173524.79339
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	VeChain
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	80310.25416
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Injective
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-03
S.7	End of the period to which the disclosure relates	2026-01-16
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	92832.01822
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Optimism
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	204109.94051
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Cosmos
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-03
S.7	End of the period to which the disclosure relates	2026-01-16
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	653219.36906
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Maker
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.18916
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	dogwifhat
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	42.73768
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Arweave
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1886991.36458
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	The Graph
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	34.61211
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	THORChain
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1822868.6092
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Helium
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1930028.25458
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bonk
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	110.93588
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	FLOKI
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	90.2632
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Theta Network
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1936360.85591
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Algorand
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1186149.06094
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Jupiter Project
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.34327
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Pyth Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.11958
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	PayPal USD
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	383.2946
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Lido DAO
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	272946.86615
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Celestia
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2080783.94053
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bitcoin SV
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	49459793.30065
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	JasmyCoin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.75225
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Sei
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2267939.60003
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Flow
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1735483.48975
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	MANTRA
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1575299.04755
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ondo
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	78.86416
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Core
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1672311.72119
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	BitTorrent
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.72722
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Quant
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	24.70285
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	MultiversX
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1780787.8482
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Starknet
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2062230.0974
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	EOS
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1355272.80079
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Brett
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.18487
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Flare
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2328779.38164
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Axie Infinity
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.69105
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	NEO
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1910624.87804
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ORDI
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Tezos
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-03
S.7	End of the period to which the disclosure relates	2026-01-16
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	249641.43614
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Beam
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1735747.93414
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	GALA
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1964211.47662
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Worldcoin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	19.16989
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	The Sandbox
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	15.4392
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Popcat
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	47.21749
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Akash Network
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1651532.43523
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ethereum Name Service
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	78971.23584
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Conflux
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	40379496.06875
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Dogs
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.35888
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	dYdX
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1737875.45389
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Wormhole
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	14.97113
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ronin
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1615774.12816
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Decentraland
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	23.03876
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Mina Protocol
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1625731.72355
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Zcash
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	799843869.17183
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	PAX Gold
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	226.28512
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Chiliz
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	8714.48206
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Pendle
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	73.52767
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	FTX
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.30666
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	PancakeSwap
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	259.86052
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Synthetix Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	72.44101
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	AIOZ Network
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1673951.65435
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	IOTA
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-03
S.7	End of the period to which the disclosure relates	2026-01-16
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	387330.45284
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ethena
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	52.00291
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Astar
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1573957.75403
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Axelar
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1555744.29047
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	BOOK OF MEME
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	166.38687
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Gnosis
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2002580.58298
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	XDC Network
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2344839.00023
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Raydium
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	72.99038
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Livepeer
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	15.74115
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Compound
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1775.32335
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SafePal
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.63109
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Oasis
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1573828.16828
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ZkSync
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	156190.35386
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Nervos Network
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	13009115.81041
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ApeCoin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	19.30697
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	LayerZero
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1914719.26262
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	cat in a dogs world
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	37.37228
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Safe
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.37179
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Trust Wallet
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.1328
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Curve DAO
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	195.27813
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	IoTeX
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1531484.22565
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Kava
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1578283.038
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Mog Coin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	48.73998
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SuperVerse
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.11411
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	1inch
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.20008
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Amp
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	63.85126
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ConstitutionDAO
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.63403
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Dash
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	44481642.39847
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	JUST
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	19.64569
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Blur
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.06414
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Kusama
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1696627.60421
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	GMT
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.54099
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Jito
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	10.97876
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aevo
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1354987.48457
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Golem
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.67112
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Holo
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.09834
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aragon
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.09801
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	WOO
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	8.92673
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Osmosis
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1378933.15071
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Galxe
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.49024
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Reserve Rights
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	18.9554
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Echelon Prime
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.14324
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Dymension
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1318424.49886
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Zilliqa
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.57415
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	GMX
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	20.3918
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Basic Attention
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	13.61352
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Gravity
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.68605
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	0x Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	28.1734
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Manta Network
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1352954.28277
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Memecoin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.05191
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ankr Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.53887
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Celo
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	31392.94719
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Terra
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1494605.37575
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Qtum
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1724114.04441
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Enjin Coin
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1461700.33579
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SPACE ID
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.22313
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ravencoin
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	12364984.27711
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ether.fi
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	21.9302
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Rocket Pool
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.46083
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Flux
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4495300.47783
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	OriginTrail
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.72651
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Mask Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.77391
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Threshold Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.06545
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Convex Finance
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	40.9838
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SSV Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.85428
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Arkham
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	12.18877
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Decred
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	30678462.13886
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	UMA
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	21.07568
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	io.net
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.05061
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Metis
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1362543.27831
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Polymesh
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1521982.75666
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aerodrome Finance
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.73257
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Turbo
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	12.58677
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Tribe
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.51387
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Open Campus
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.32374
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ZetaChain
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-03
S.7	End of the period to which the disclosure relates	2026-01-16
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	95434.74417
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Illuvium
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.47802
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Hivemapper
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.78987
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SKALE
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1489995.95283
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Biconomy
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.69666
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Simon's Cat
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.80088
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Arcblock
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.10198
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	AltLayer
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1497089.20881
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Blast
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1369257.55556
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Loopring
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1495986.74956
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	yearn.finance
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.59182
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Audius
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1383074.40345
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Band Protocol
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1465160.98088
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Harmony
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1471239.39503
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Kadena
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	346295.90982
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Tellor Tributes
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6062182.95044
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	VeThor
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6.41912
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Sushi
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	13.12353
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	NEM
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1130817.21935
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ontology
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1473788.24032
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Chromia
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1353474.22234
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Frax Share
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	32.30319
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Polygon
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	301405.52085
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Moonbeam
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1270887.36251
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Casper
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	49373.41244
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Vanar Chain
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1185018.72623
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Alchemy Pay
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.38668
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	COTI
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1457448.82914
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Yield Guild Games
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6.20898
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Storj
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	18.47811
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	PONKE
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	21.07811
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Velo
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	13.91806
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ICON
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1480926.07449
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Saga
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1231479.86739
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Solar
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.43469
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Non-Playable Coin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	8.02201
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	API3
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	8.428
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Nano
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1603781.10052
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Waves
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1513730.4095
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Horizen
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.41751
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	XAI Stablecoin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.00821
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Balancer
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	15.01782
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	DigiByte
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11155213.43379
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Lisk
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1403984.56399
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	iExec RLC
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.65177
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Marlin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.64102
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Taiko
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1353273.23313
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Drift Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.86903
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SuperRare
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6.89765
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	DUSK
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1274943.35238
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Cartesi
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1310483.57862
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Numeraire
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.99838
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	WAX
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1353429.65568
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Smooth Love Potion
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.05888
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Pixels
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.64161
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	TrueFi
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.66658
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Powerledger
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.55167
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Orca
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.17802
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Vulcan Forged
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.75751
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Keep Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.61534
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Pundi X
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1482541.03818
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Coin98
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.95186
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Civic
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.85404
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bounce
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.83301
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Treasure
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	20.47093
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Celer Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.99816
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Moonriver
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1287533.89041
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Highstreet
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.76273
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	PHALA
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1318019.51498
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Kyber Network Crystal
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.35106
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Polyhedra Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.12092
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Gains Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.75746
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Synapse
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.63473
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Request
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.86962
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Spell
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.23795
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Dent
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.86776
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Orchid Protocol
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1170940.0696
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Binance USD
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	42.82594
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Big Time
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.1578
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Portal
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.02508
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Liquity
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.16027
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	My Neighbor Alice
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.39416
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	LimeWire
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.43433
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Hashflow
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.50526
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	EURC
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	100.15766
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Omni Network
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1510019.24157
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bancor Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	13.24716
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	XYO Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.52046
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Metal DAO
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1331160.82089
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Covalent X Token
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.46212
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Adventure Gold
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.01305
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Gods Unchained
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.51578
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Radworks
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.43372
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Origin Token
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6.91366
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ARPA
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.64469
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bluzelle
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1078685.08463
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	NKN
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1048848.63619
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	TokenFi
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	104.99903
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Stella
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.35018
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Kin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.16614
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Degen (Base)
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.44779
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aavegotchi
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6.50452
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Gitcoin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.03895
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Across Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.331
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Automata
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.24654
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Enzyme
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.95793
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Clover Finance
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1073741.85068
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Neiro
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.96211
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ampleforth Governance
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.36875
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	IDEX
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.614
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Tensor
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.52142
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aergo
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.0837
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	RARI
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.96757
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	district0x
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.32695
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	DIA
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.04213
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ren
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.01535
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Celo Dollar
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.60806
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Perpetual Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.67884
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Rally
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.96067
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SelfKey
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.50975
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Stafi
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	984864.32132
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Solana Name Service
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.38896
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	OMG Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.69597
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Measurable Data
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.35177
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Polkastarter
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.67118
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	xMoney
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.70329
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Parcl
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	14.55971
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	BarnBridge
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.23059
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Tokemak
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.90549
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Serum
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	33.97054
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Celsius Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.04496
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Augur
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.54513
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Rari Governance
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.35337
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Mirror Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.39482
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Moca Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6.21113
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ocean Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	48.17861
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Songbird
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1346147.60083
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Moonwell
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.17296
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SQD
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	64.3178
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	CoW Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	15.14526
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Merit Circle
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.10325
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	NuCypher
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1362344.7159
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Lido Staked Ether
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	121330.36578
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	WETH
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	59539.76844
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Coinbase Wrapped Staked ETH
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	24.7743
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	tBTC
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	24.16083
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Wrapped Centrifuge
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.71416
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Berachain
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1578421.55786
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Swell
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.90875
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Syrup
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	23.19784
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Eigenlayer
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	55.12608
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Sweat Economy
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.06665
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Moo Deng
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.38943
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Peanut the Squirrel
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.27949
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Hamster Kombat
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.88442
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Lumia
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1178330.16363
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Catizen
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.38442
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Magic Eden
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.5204
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	AdEx
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.44544
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aethir
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	43.20073
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Clearpool
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	23.05947
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	DOLA Borrowing Right
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.47557
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	EthereumPoW
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6225829.82915
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Gigachad
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	15.12393
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Morpho
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	41.09067
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Nosana
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.89568
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Puffer
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1225395.02734
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Renzo
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.94097
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Alien Worlds
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.1109
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Zeus Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.11542
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Pudgy Penguins
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	132.10734
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Acala
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.06202
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Energy Web
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.93206
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Kamino
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	51.14736
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SPX6900
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	70.57945
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	michi
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	28.89167
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Goatseus Maximus
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.88081
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Fusionist
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.12427
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	aixbt by Virtuals
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.61244
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	AVA (Travala)
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.93923
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Banana Gun
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	7.71307
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bella Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.12918
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Cetus Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.24756
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Just a chill guy
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.39422
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	COMBO
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	813195.27999
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Contentos
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.07039
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Creditcoin
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1695025.31924
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Streamr
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.37644
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	DeepBook
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.85909
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	DODO
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.74295
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SynFutures
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.25365
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Etherparty
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Grass
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	8.11437
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Hooked Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.18446
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Hyperliquid
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3063389.47056
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	IOST
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1449285.74275
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	IQ
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.07654
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Linear
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.97217
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Lista DAO
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.58938
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	LUKSO
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1153870.15786
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Maverick Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.01904
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Heroes of Mavia
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.46977
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Merlin Chain
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2507826.68796
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	NFPrompt
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.0384
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Ontology Gas
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1362664.15581
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Peaq
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	75121.11029
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Phoenix
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.09027
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Prom
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1724413.15331
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	QuarkChain
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.2443
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Radiant Capital
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	20.48557
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Scroll
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1172056.81152
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Stratis
S.4	Consensus Mechanism	Proof of Stake (PoS)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Stake (PoS) consensus mechanism incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1394282.82692
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	TARS AI
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.96546
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Viction
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1134553.0434
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Toshi
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	8.80156
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	UXLINK
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.03913
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Vana
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1529673.72313
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Virtuals Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	17.38464
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Veracity
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	51.94483
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	WINKLink
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.37506
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Zircuit
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1096137.82195
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Act I The AI Prophecy
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	13.27618
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	CYBER
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1387029.42756
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Movement
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1617260.11051
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Kaia
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2001695.36127
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Shentu
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1390669.64938
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Mobox
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.48357
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ARK
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1439192.31431
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Delysium
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.90215
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Myria
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	999292.20574
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Telos
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1079055.80176
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bio Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	15.38801
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Frontier
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.15661
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Official Trump
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	173.98555
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Baby Doge Coin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	27.37856
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Decubate
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.10488
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	SingularityNET
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.27743
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Terra Luna Classic
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1863227.97783
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Schuman EURØP
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.0906
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Melania Meme
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	53.42576
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	PAAL AI
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	10.25542
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bubblemaps
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.25413
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Fartcoin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	346.30918
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Solayer
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.22506
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	RedStone
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.44097
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Usual
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	11.70725
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Department Of Government Efficiency
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.91426
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Sonic
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1967672.75155
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Animecoin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	42.39556
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Atari
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.07178
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	CARV
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	13.72945
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	ChainGPT
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.22617
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Dar Open Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.3759
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	delta.theta
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.00604
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Elixir
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	19.70322
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Epic Cash
S.4	Consensus Mechanism	Proof of Work (PoW)
S.5	Incentive Mechanisms and Applicable Fees	A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	607818.84437
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Heima
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.24558
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Story
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2216563.89632
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	KAITO
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.98535
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Lido Staked SOL
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.55547
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Plume
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1453667.03436
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Solidus Ai Tech
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.22617
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	StakeWise
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.57181
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Thena
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.79801
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	UPCX
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.43866
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Viberate
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.0812
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Base Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.96194
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Bluefin
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.69005
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Cloud
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	5.33515
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Sologenic
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.02054
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Suilend
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.70371
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Four
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.78682
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Nillion
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1241892.61865
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Particle Network
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1263577.75489
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Walrus
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2025-11-07
S.7	End of the period to which the disclosure relates	2025-11-20
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6162.31603
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Babylon
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1438606.45025
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	KernelDAO
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.348
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	MyShell
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.38835
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Wayfinder
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	4.60009
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	WalletConnect Token
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	9.664
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Initia
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1190627.63183
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	HEX (PulseChain)
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2810809.49777
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Velodrome Finance
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.95841
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Aster
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	24.81091
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	World Liberty Financial
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	169.09576
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Plasma
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2013671.04682
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Marinade Staked SOL
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	36.79168
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	xMoney
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.42249
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Momentum
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	2.64368
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Solv Protocol
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.44839
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Somnia
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1379974.33923
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Cross
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1406859.16544
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Avantis
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6.56452
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	FLOCK
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.89226
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Edge
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.41164
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Zora
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1787423.00131
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register:
<https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Recall
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	3.60789
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Intuition
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.30601
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Sapien
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.63353
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Mira Network
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.5687
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Resolv
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	22.51364
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Nexpace
S.4	Consensus Mechanism	Byzantine-Fault Tolerant (BFT)
S.5	Incentive Mechanisms and Applicable Fees	Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in consensus, can result in penalties, removal from the validator set, or other repercussions, creating an economic and reputational deterrent to dishonest behavior. Validators reach consensus by verifying transactions and proposing blocks, and, as long as a majority of validators act honestly, the network remains secure.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1660024.81115
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

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Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Lagrange
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	6.86634
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	League of Kingdoms
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	1.03407
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Tether Gold
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	168.63453
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Definitive
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.52199
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General information		
S.1	Name	Tangany GmbH
S.2	Relevant legal entity identifier	529900WKXS5ZPJY9W498
S.3	Name of the cryptoasset	Santos FC Fan Token
S.4	Consensus Mechanism	Token / No Consensus Algorithm
S.5	Incentive Mechanisms and Applicable Fees	Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.
S.6	Beginning of the period to which the disclosure relates	2026-01-02
S.7	End of the period to which the disclosure relates	2026-01-15
Mandatory key indicator on energy consumption		
S.8	Energy consumption (per year) in kWh	0.26642
Sources and methodologies		
S.9	Energy consumption sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com . We do not account for any offsetting of energy consumption or other market-based mechanism as of today.

All registered MiCA white papers for this asset can be found in ESMA's Interim MiCA Register: <https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica#InterimMiCARRegister>