Less is **MORE.**

McCOY BIG event

Supply Chain by SAP

How to become sustainable & resilient?

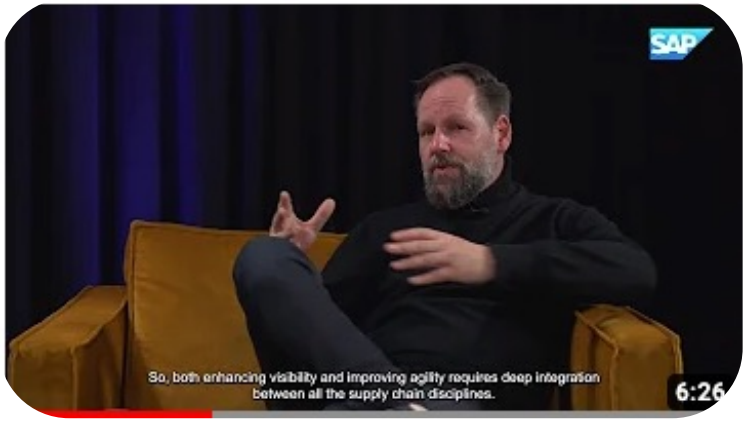
Juriaan Mulder
Digital Supply Chain &
Sustainability Advisor at SAP

Een podcast van Maaike Goslinga & Maite Vermeulen
C0NTAINER
BEGRIP
de Correspondent

AGENDA

1. Trends
2. SAP Strategy
3. Overview DSC Sustainability portfolio

SAP NL Research



SAP NL Research

Scan for the report!

97%

Supply Chain Issues

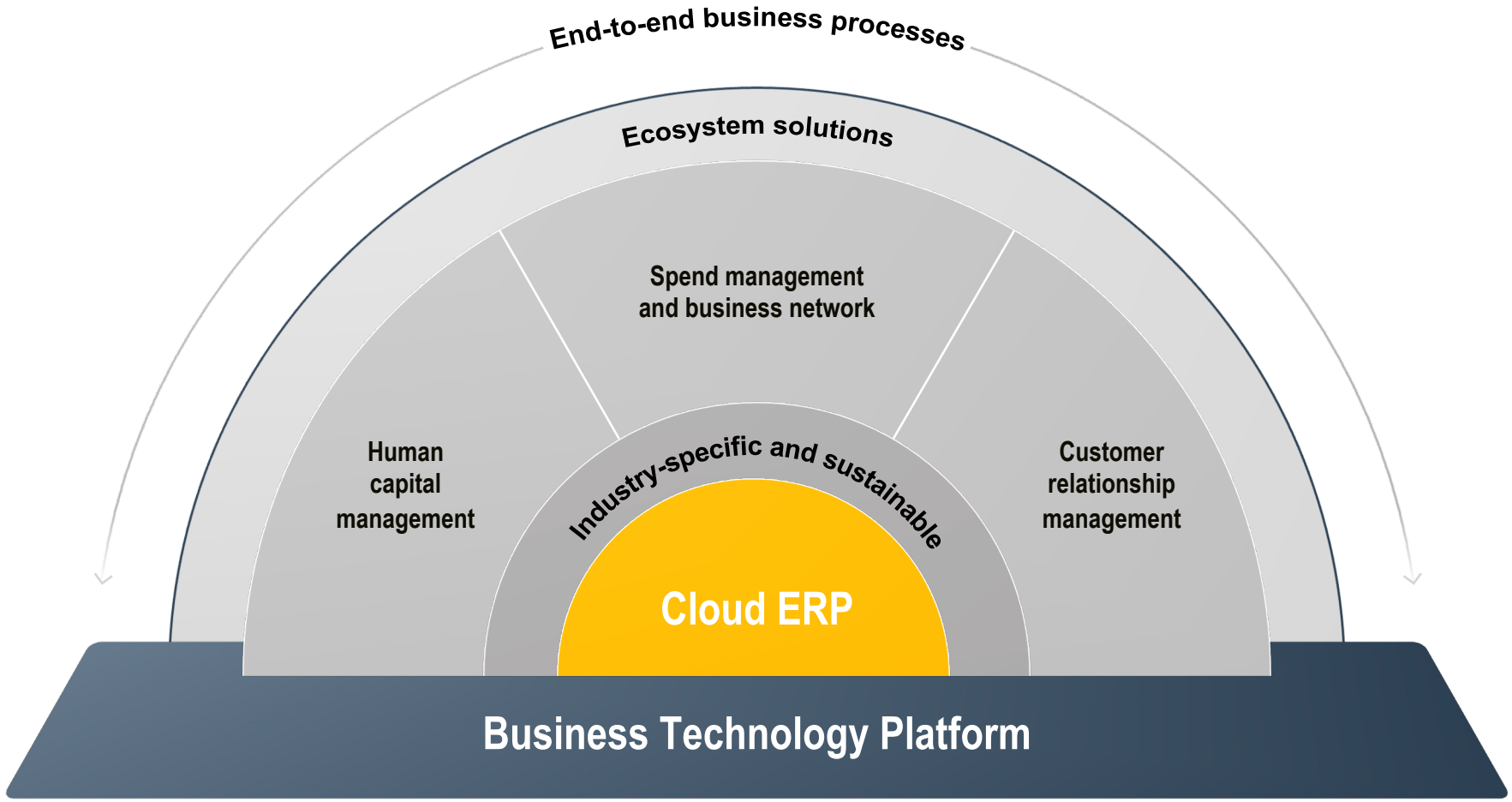
66%

Will take emergency measures

51%

Doesn't know where to start

The Intelligent Sustainable Enterprise



We aim to address your key sustainability challenges

RECORD

Your challenges

ESG transparency along the value chain (scope 1-3)

REPORT

New and increasing ESG reporting requirements

ACT

Embedding sustainability in core business process

Our approach to drive sustainability impact

Holistic Steering and Reporting

Complexity of voluntary & regulatory frameworks

Zero Emissions
with Climate Action

Scope 1,2,3 transparency on **company and product level**

Harmonized, granular & regulatory **compliant calculation** logic

Zero Waste
with Circular Economy

Data & insights on **material flow and traceability**

Data & insights on **material recovery and reuse**

Zero Inequality
with Social Responsibility

Transparency on **supply chain risks**

Workers safety data tracking & insights

SAP Cloud for Sustainable Enterprises

Business Network
for carbon data sharing

Industry Capabilities
to solve your specific challenges

Partner Ecosystem
geared towards sustainability

HOLISTIC STEERING AND REPORTING

Record – Report – Act to go from averages to actuals and record data on transactional level

Zero Emissions
with Climate Action

Decarbonize your entire value chain (scope1-3) based on actual business transactions

Zero Waste
with Circular Economy

Incorporate **circularity** into your supply chain & create sustainable business models

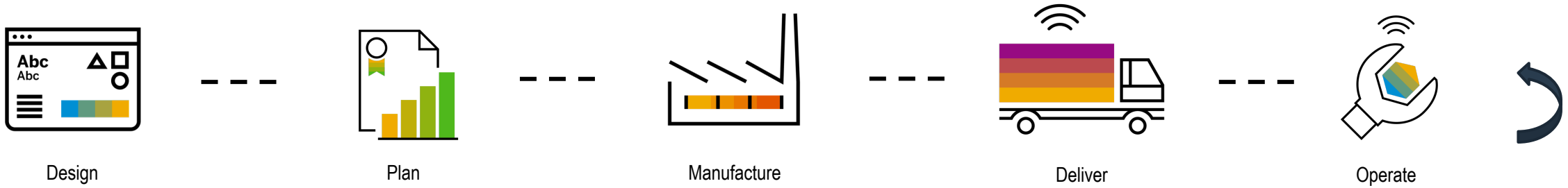
Zero Inequality
with Social Responsibility

Understand the **impact of** your **business** on **people and the society**

SAP S/4HANA, Customer relationship management, Human capital management, Spend Management and Business Network

Business Technology Platform

Resilient & Sustainable Supply Chain by SAP



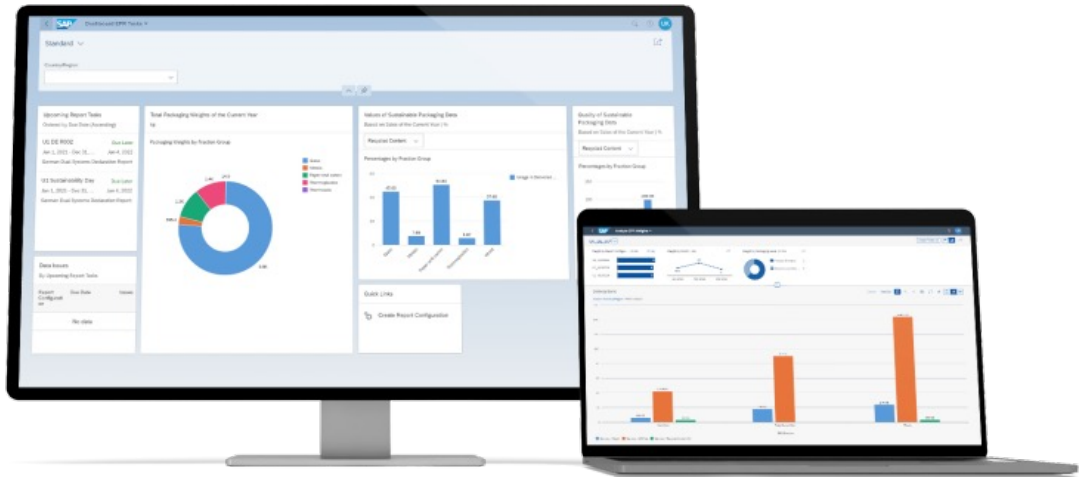
Responsible Design & Production

Sustainability Footprint Management

GreenToken by SAP

Environment, Health & Safety

Henkel

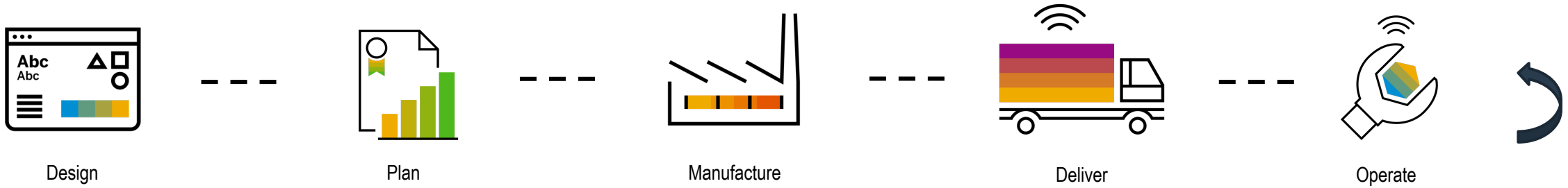


Collect

Combine

Run

Resilient & Sustainable Supply Chain by SAP



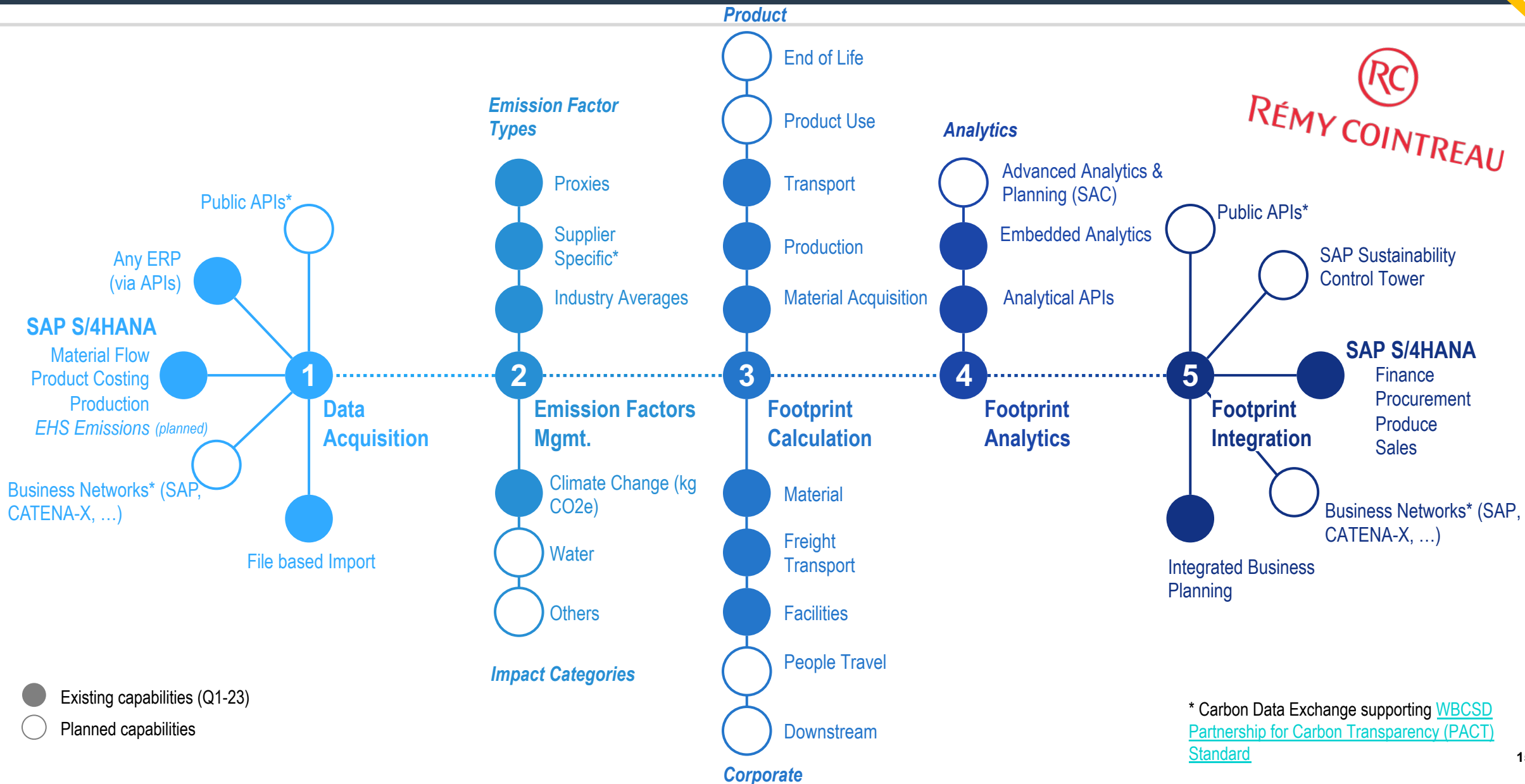
Responsible Design & Production

Sustainability Footprint Managment

GreenToken by SAP

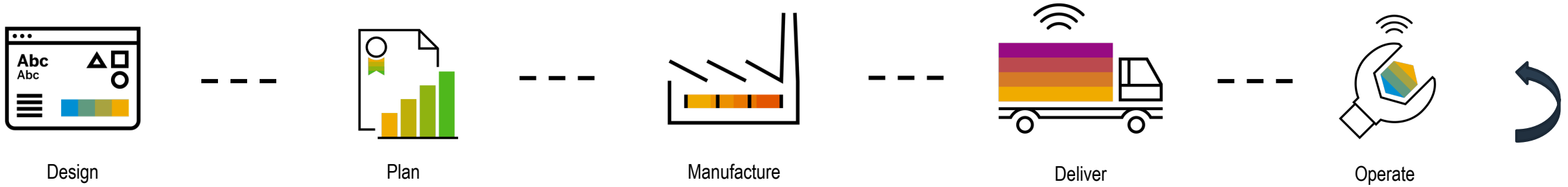
Environment, Health & Safety

Subject to Change
Labs Preview



* Carbon Data Exchange supporting WBCSD Partnership for Carbon Transparency (PACT) Standard

Resilient & Sustainable Supply Chain by SAP



Responsible Design & Production

Sustainability Footprint Managment

GreenToken by SAP

Environment, Health & Safety

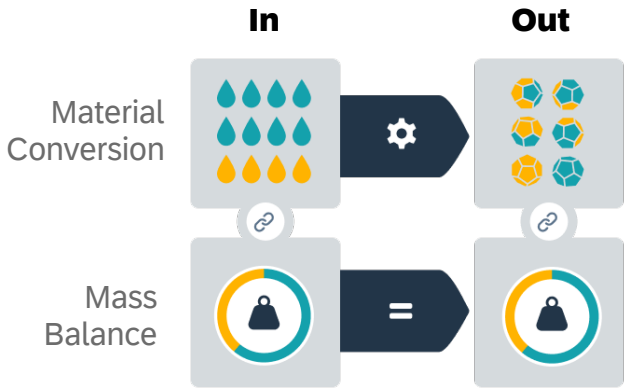
GreenToken by SAP

Mass Balance

Tokenization

Blockchain

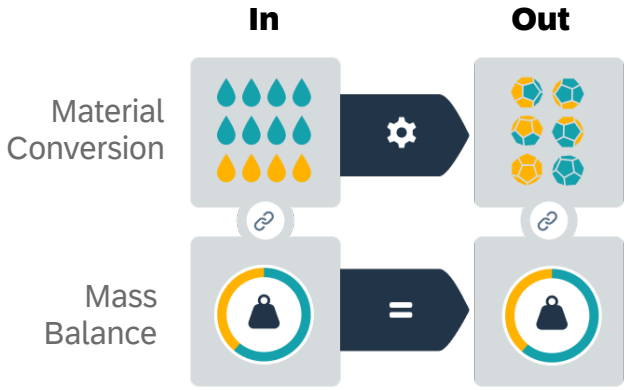
Mass Balance



Tokenization

Blockchain

Mass Balance



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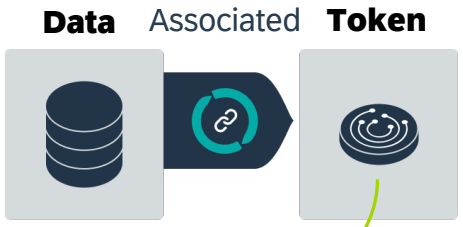


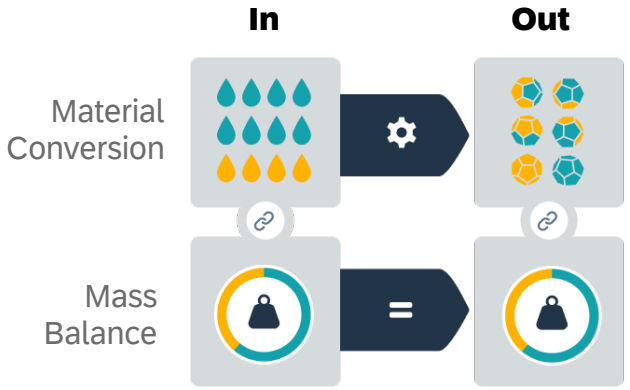
1 Token

Material Plastic Waste	CO_2 Footprint 0.2	Production Date 11/01/2023
Qty 1 kg	ISCC+ Cert A123XX5678	Unique ID X123YY465
Origin Singapore	Producer Location Hub A	Material Source PCR

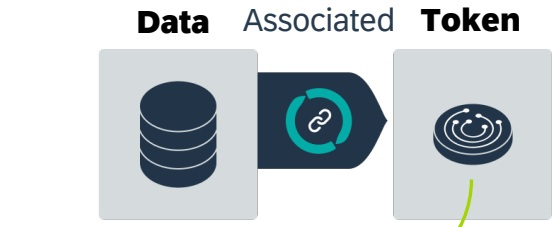
EXAMPLE

Blockchain

Mass Balance



Tokenization



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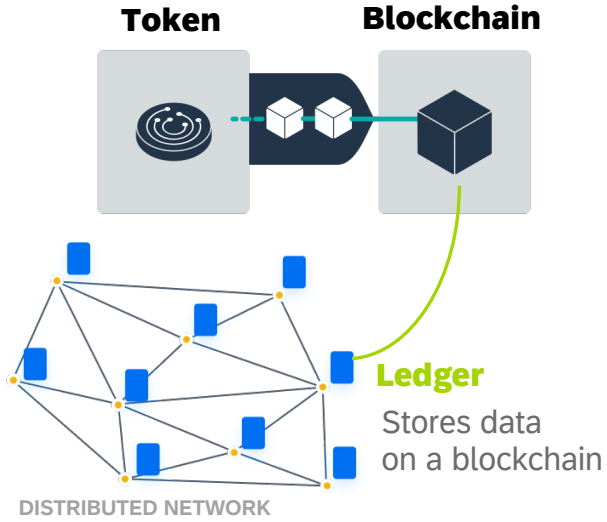
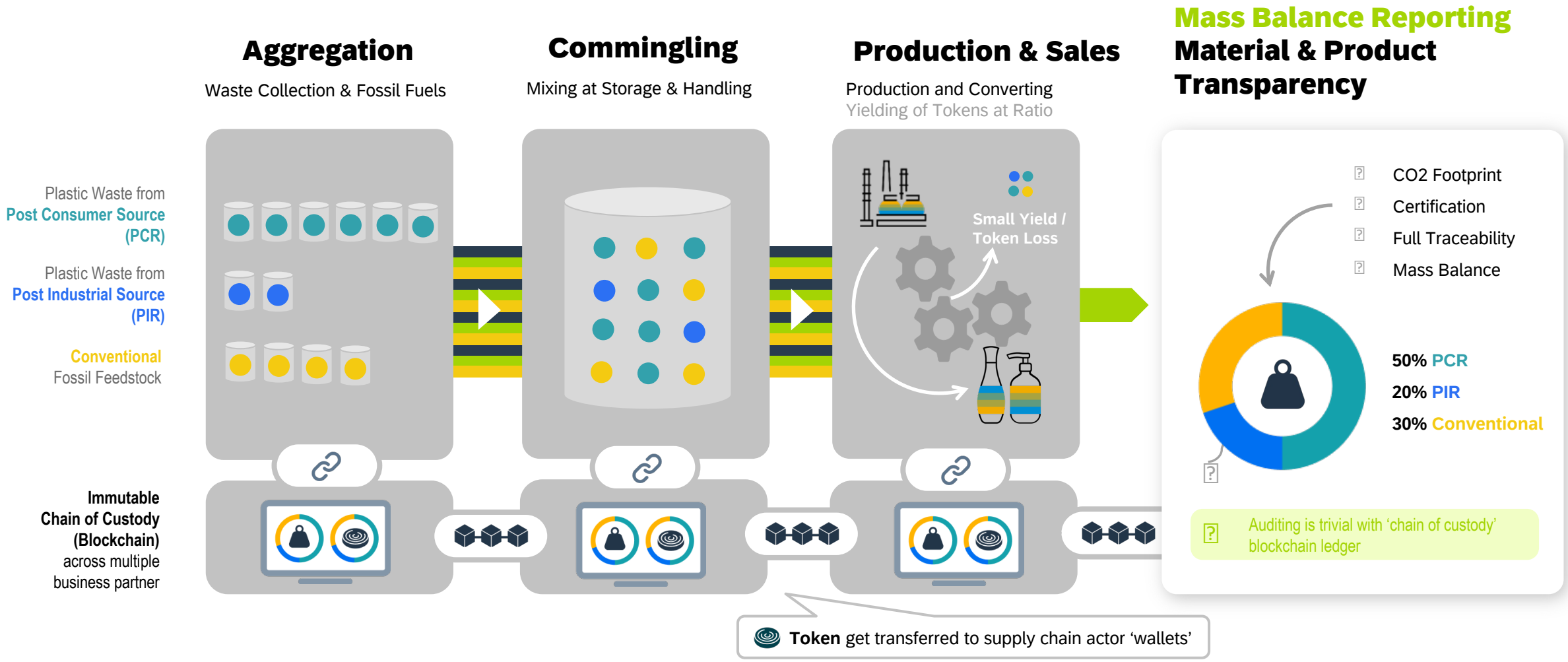
EXAMPLE

Blockchain

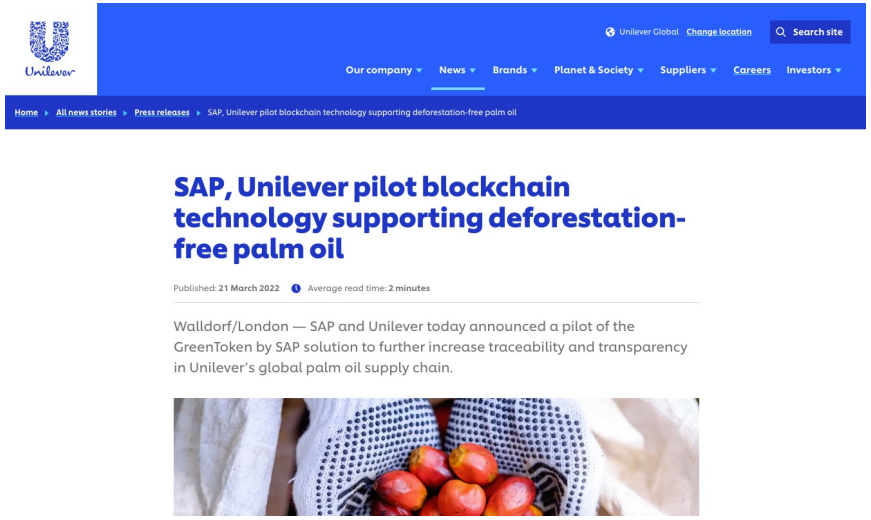


GreenToken Example in Chemicals



References

GreenToken by SAP

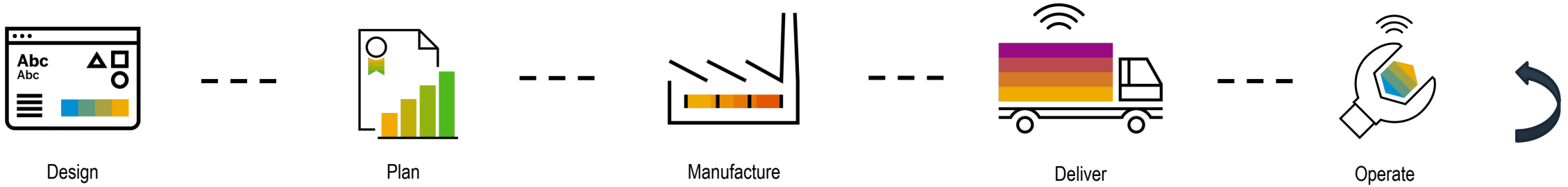


"Our participation in the GreenToken by SAP solution pilot with SAP and Unilever provided useful insights in how to successfully pass information between different actors in the supply chain."

–

Anita Nevile, Chief Sustainability & Communications Officer at Unilever

Resilient & Sustainable Supply Chain by SAP



Responsible Design & Production

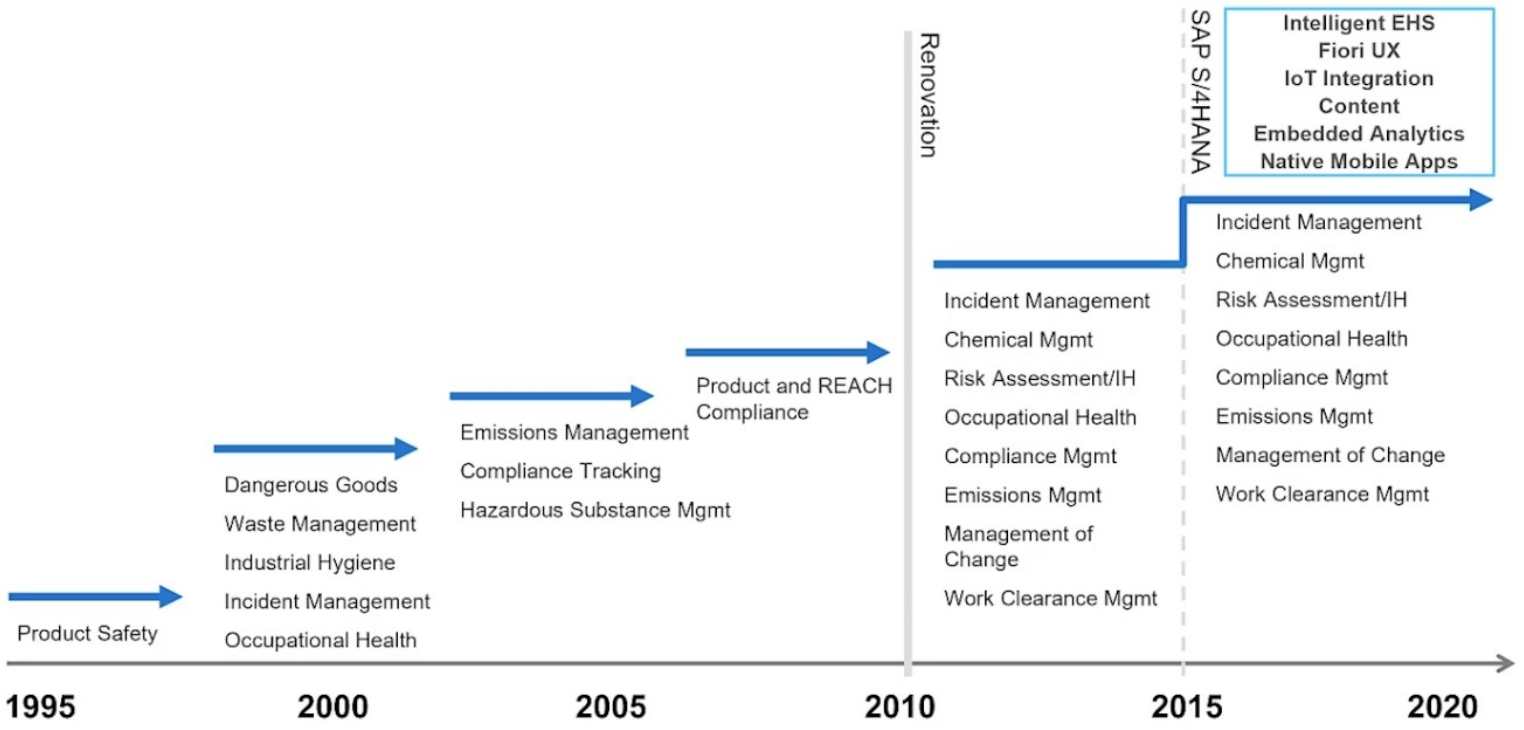
Sustainability Footprint Managment

GreenToken by SAP

Environment, Health & Safety

How can SAP help you reach your operational sustainability goals?

Building on 25 years of commitment from SAP for environment, health, and safety



EHS Incident Management

- Incident Management
- Near Misses
- Safety Observations

EHS Health and Safety

- Chemical Approval
- Chemical Management
- Operational Risk Assessment
- Industrial Hygiene and Sampling
- Occupational Health*
- EHS Audit Management**

EHS Environment Management

- Regulatory and Permit Compliance
- Emissions Management
- Waste Management

Management of Change

- Management of Change

Maintenance Safety

- Permit to Work
- Work Clearance/LOTO

Supporting applications

- Asset Management
- Human Resources
- Contractor Management
- Implementation Add-ons

Real Time EHS Reporting and Analytics

Action Tracking and Task Management

Intelligent EHS Technologies for Awareness, Automation, Ubiquity

Sustainability Reporting

Jouri Lagarde
Business Intelligence Consultant

McCOY

Holistic Steering and Reporting

McCOY

Motivation

- Changing customer demand
- **Law & Regulations**
- War on talent / Recruiting
- Changing investor-requirements
- Detecting Risks & Opportunities

McCOY

Motivation

- Changing customer demand
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"CSRD"

"Blood, sweat & tears"

McCOY

Law & regulations

Relevance

Sector Agnostic	Sector Specific	Entity Specific

ESG Reporting

Environmental, Social, Governance

McCOY

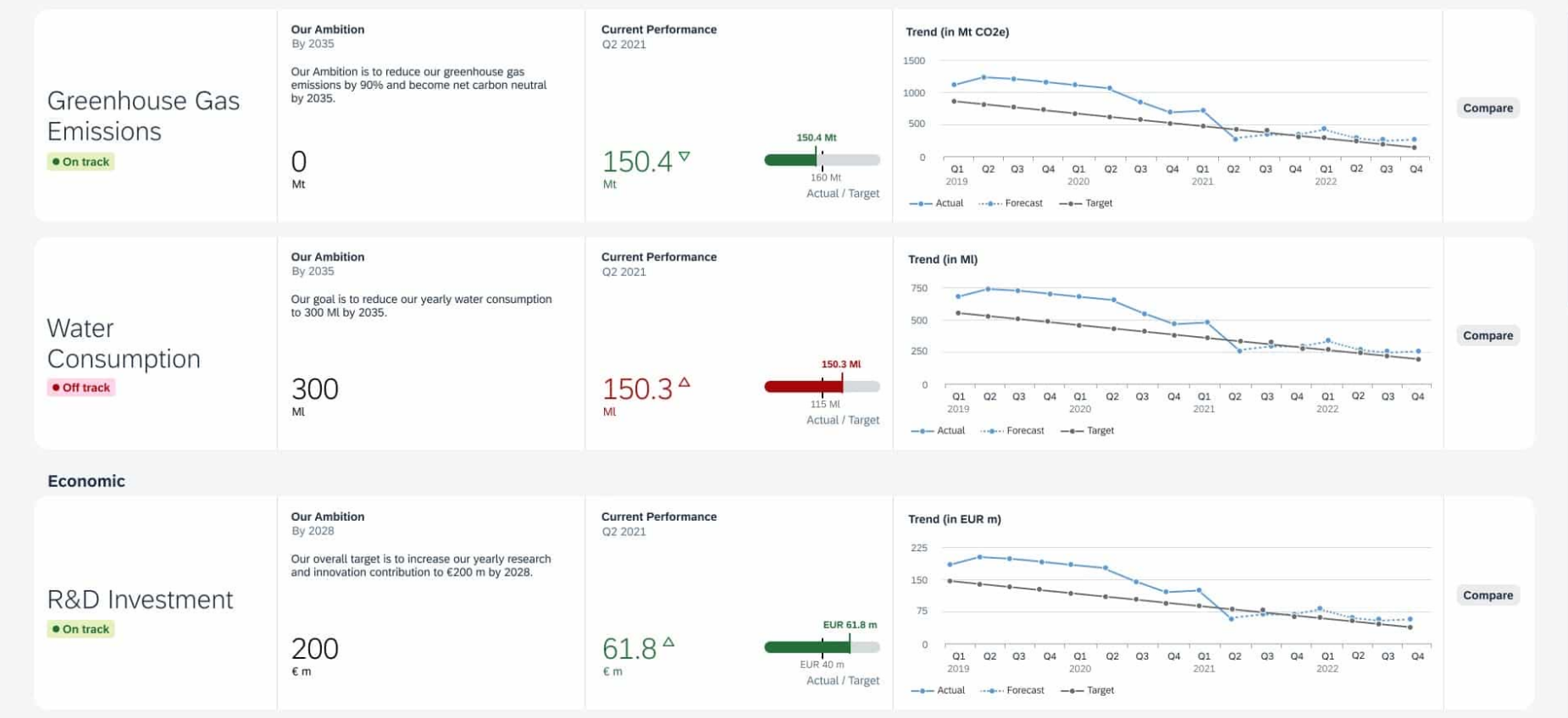
- Struggle to find relevant data
- Calculation of ESG KPIs
- Obligatory Audits around the corner

Law & regulations

Importance

McCOY

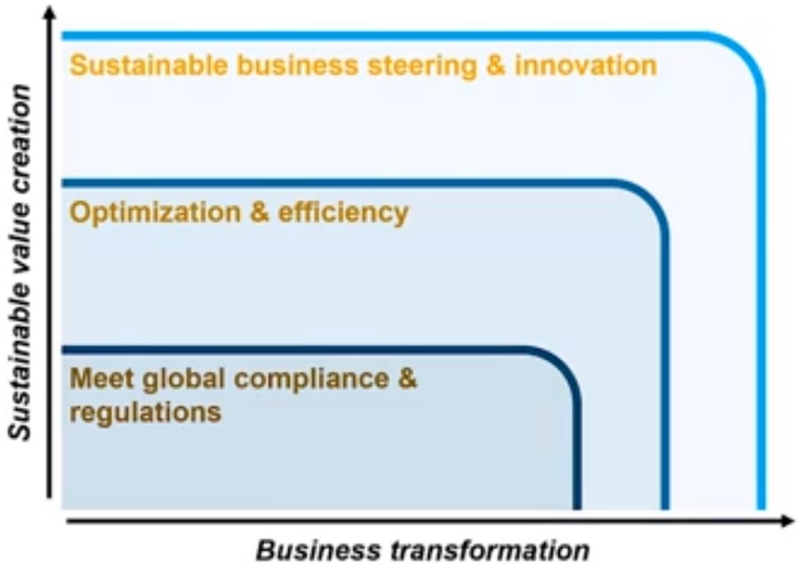
SAP Sustainability Control Tower



SCT - Maturity

Key challenges for ESG steering and reporting

Creating sustainable business value – Sustainability maturity model



Embed sustainability into core business to plan and execute new value creation and differentiation

Optimize operations and gain efficiency savings

Enable sustainability compliance

Embedding sustainability insights into end-to-end business processes extended into your business network to drive growth, efficiencies, social responsibility, and response to compliance and regulatory risks

McCOY

QUESTIONS

McCOY

Break-out sessies

Less is **MORE.**
McCOY BIG event

Ronde 2 (16:35 – 17:15)

Toekomstklaar met SAP S/4HANA	Het effect van de energietransitie op logistieke operaties	Inzetten van jong SAP Talent	Service Order Management met een optimale serviceplanning
Tom Chyla, DSM	Rens Gepkens, Alliander Sebastiaan Boogaard, Stedin	Marco Bachrach, ASML, Martijn Veth, McCoy	Wybren de Jong, SAP GEF / Vitens
Restaurant	*Garage*	*Stables*	*Paljas*

Plattegrond

Less is **MORE.**
McCOY BIG event