



FOR
GOOD

A thick, yellow, upward-curving arc is positioned below the word 'GOOD', resembling a smiley face.

Our
Planet
Report

2024

CONTENTS



3

4 - 5

6

7 - 10

11

12

13

14 - 16

17

18

19

PROGRESS AGAINST TARGETS

		BEHIND	ON TRACK	AHEAD
SBTI	Scope 1&2: absolute reduction 46% by 2030 from 2019 baseline			✓
	Scope 3: absolute reduction 28% by 2030 from 2019 baseline			✓
NET ZERO	Net Zero by 2040		✓	
2025 WATER AMBITION	By 2025 all business signatories are monitoring water use in their own operations and have improved efficiency.		✓	
	By 2025 all business signatories are participating in collective action to improve the quality and availability of water in key sourcing areas.		✓	
WATER ROADMAP	50% of fresh food is sourced from areas with sustainable water management		✓	
PLASTICS PACT BY 2025	Eliminate problematic or unnecessary single-use packaging through redesign, innovation or alternative (reuse) delivery model		✓	
	100% of plastics packaging to be reusable, recyclable, or compostable		✓	
	70% of plastics packaging effectively recycled or composted		✓	
	30% average recycled content across all plastic packaging		✓	
CHAMPIONS 12.3	50% reduction in food waste by 2030			✓

OUR APPROACH AND DATA COLLECTION

Food production has an inevitable environmental footprint. As a business that helps to feed millions of people every week, we recognise ours has the potential to be significant. Therefore, we measure our impact and strive to manage and reduce it by using science and data.

Climate change is a real issue with direct impact on food production and our broader way of life. We have an extensive supply chain and understand the key role we have to play in mitigating climate change and are committed to reducing our environmental footprint.

While our initial focus has been on mitigating our environmental impact, we are already seeing the impact of climate change and its consequences for our business. Alongside our mitigation efforts, we are beginning to establish climate adaption plans, which will help ensure the sustainability of our business and the supply of food for the nation.

OUR APPROACH

We have divided ‘Our Planet’ objectives into five key pillars: energy, water, waste, plastics and biodiversity. Overarching these is our commitment to reduce our carbon footprint and underpinning them are Key Performance Indicators (KPIs), which we use to track progress and Environmental Compliance.



GOVERNANCE

Good governance underpins our sustainability strategy and For Good agenda: ensuring that we are delivering against our commitments, mitigating risks, and providing trust and reassurance to our key stakeholders; colleagues, shareholders, customers, consumers, suppliers, and financial institutions.

We have implemented a clear structure of control that highlights concerns at the right level, prioritises work, and aligns resources all underpinned by good data visible to the right business leaders in real time.



STRATEGY

We have reviewed climate-related risks and opportunities to determine their likelihood and severity against three timelines: short, medium and long term. This process has enabled us to determine priorities and necessary actions, to adequately mitigate the impact of our supply chain and adapt to climate change that is already occurring.

RISK AND OPPORTUNITIES

- 1

Increasing carbon prices and taxation
- 2

Rising prices due to the lack of availability of commodities (i.e. soy)
- 3

Increasing regulation and legislation surrounding manufacturing operations and supply chains
- 4

Increasing requirements for renewable usage
- 5

Consumer Demand – shifting dietary trends, reputational risk
- 6

Media and NGO pressure
- 7

Increasing water stress levels
- 8

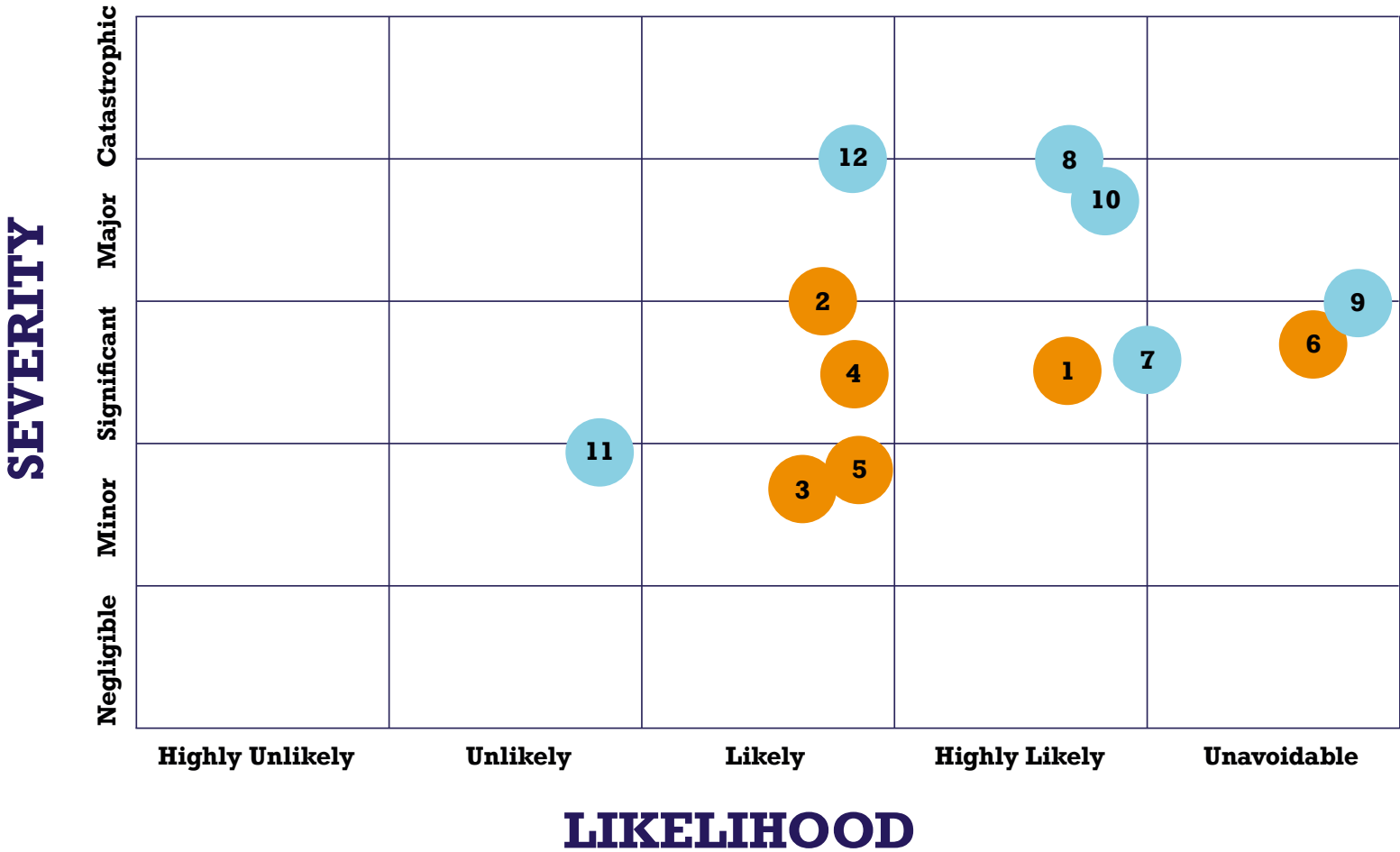
Increased temperature
- 9

Increased risk of bird diseases
- 10

Increase in extreme weather events
- 11

Rising sea level
- 12

Deforestation within the supply chain



LIKELIHOOD				
Highly Unlikely	Unlikely	Likely	Highly Likely	Unavoidable/ currently happening
Happens once every 10 years	Happens every 3 - 10 years	Happens every 1 - 3 years	Annually	Daily

SEVERITY				
Negligible/ none	Minor	Significant	Major	Catastrophic
No/negligible effect on the organisation	Minor effect on the organisation, no long term effects (>1 week)	Potentially significant effect on the organisation, short term major issue – (>1 week)	Major effect on the organisation, long term major issue	Catastrophic effect on the organisation, on-going major issue

RISK MANAGEMENT

We manage environmental risks through our environmental management systems, ISO14001 and 50001. Climate risks are included in the Aspects and Impacts Register of our environmental management system and are reviewed at least annually by managers at every level in the group, from site, through business unit to board level. Our ISO frameworks enable adaptation measures to be costed, planned and incorporated into Avara’s strategy.

We are implementing the ISO14090:2019 standard (in conjunction with our ISO14001 framework) to create an adaptation plan by setting objectives, targets, actions, responsibilities, and timescales for implementing the control measures. We are in the process of identifying indicators to monitor and evaluate the effectiveness of our plan.

FLAG REPORTING

Forestry, Land and Agriculture is a framework for companies in land-intensive sectors to set SBTi’s that include land-based emissions, reductions and removals. This means that we will need to include land-use change when considering the emissions associated with areas such as feed and added value ingredients.

This provides us with a great opportunity to also improve the quality of data from our initial baseline for SBTi as we have moved more to activity-based data, with approximately 81% of our Scope 3 emissions being calculated using this methodology.

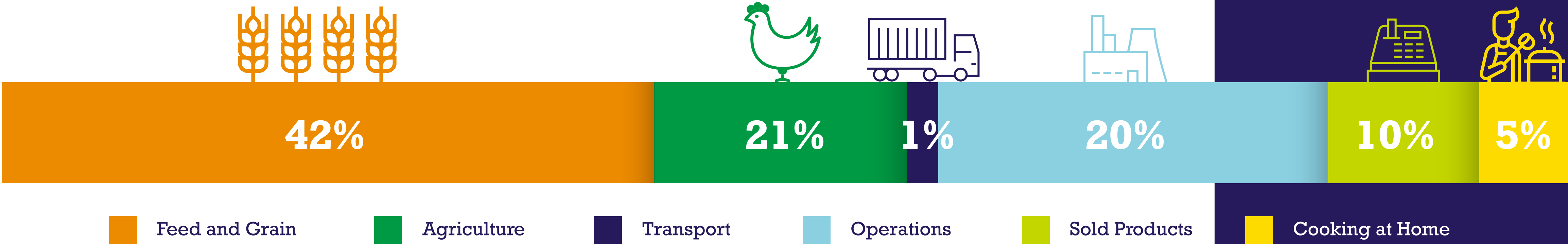
We are also using this opportunity to move our reporting year to financial year in order to support with additional reporting requirements such as TCFD.

Therefore, the carbon footprint reported going forward will align with this framework and guidance.

We aim to have this submitted to Science Based Targets by December 2024.

CARBON FOOTPRINT

Everything we do has a carbon footprint and understanding the amount and nature of carbon emissions associated with the different aspect of our supply chain is critical to achieving our targets.



SCOPE ONE & TWO FOOTPRINT

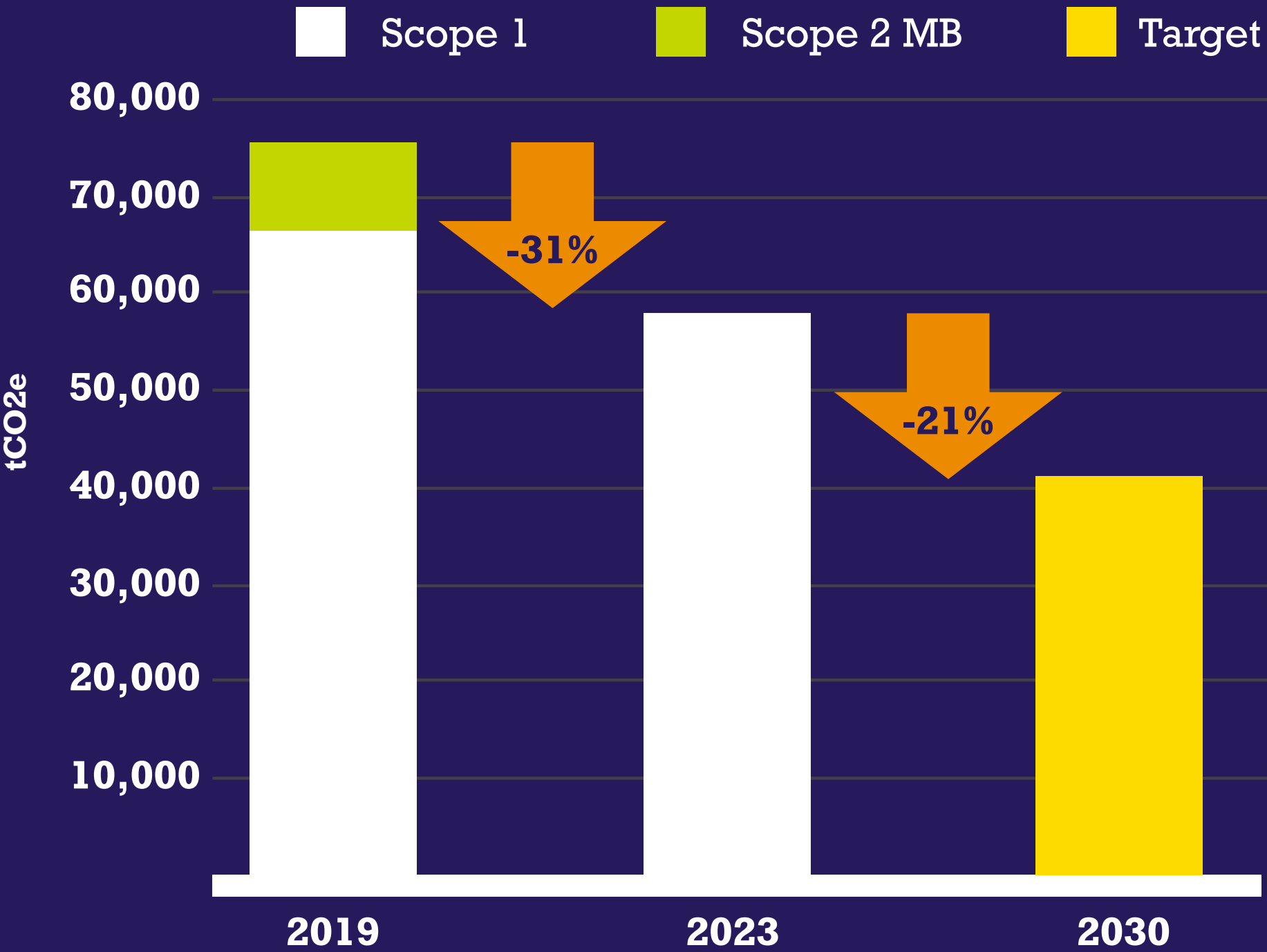
Our Scope 1 and 2 carbon footprint comes from direct operations, which includes the energy consumption of our buildings, processes, and vehicles. As such, it is an area that we manage and monitor closely. To improve the monitoring of data we have streamlined the collection of site level data to make the process less time consuming, improve visibility and facilitate decision making. This will directly support ISO50001; a management tool instrumental in our continued efforts to drive down carbon emissions.

Scope 1&2 emissions (calendar year and financial year) are verified to ISO14064-3:2019.

SCOPE ONE & TWO REDUCTION

Since 2019 we have reduced our Scope 1 and 2 Market-based (MB) Footprint by 31%. To achieve our SBTi target we will need to reduce our emissions by approximately 3% YOY. When mapping our Scope 1&2 emissions against our Science- Based Targets, we are currently on track to achieve our reduction target of 46% against a 2019 baseline.

SCOPE ONE & TWO



SCOPE THREE FOOTPRINT

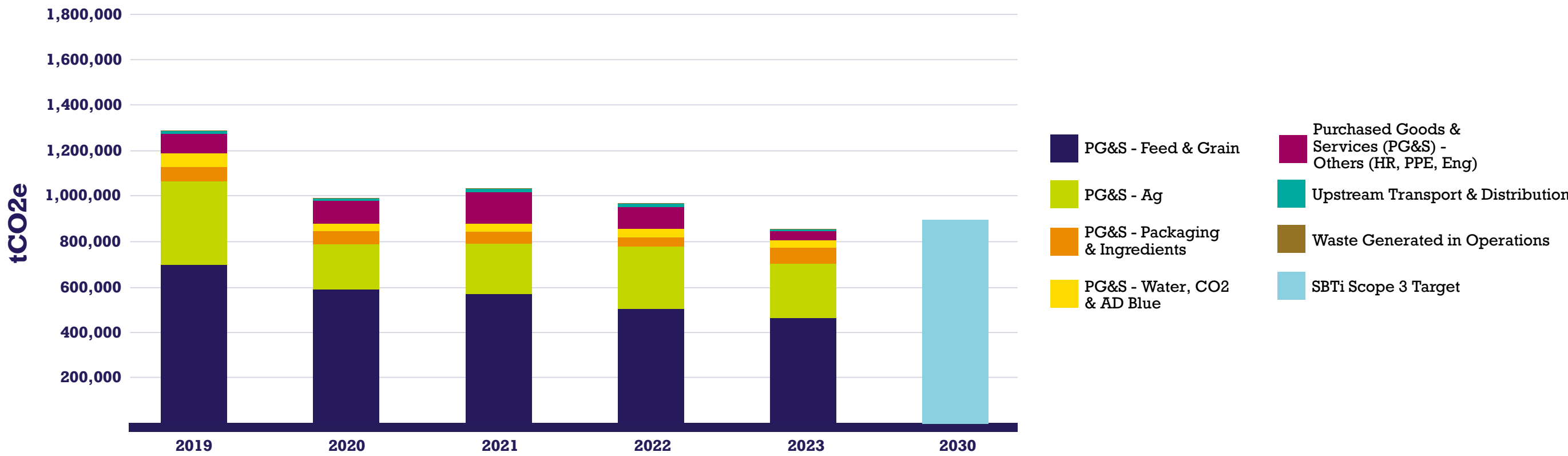
Our Scope 3 emissions are the emissions associated with our business which are outside our control. The standardisation and methodologies for calculating these emissions are currently in development within the industry. To contribute to the development of Scope 3 emission reporting, we are one of 15 Courtauld 2030 signatories taking part in WRAP’s pilot study to test protocols to accelerate progress on Scope 3 accounting across the food and drink sector.

As we work on reduction strategies, we are also working to improve our data accuracy to account for emission reductions. To contribute to this, as of 2023, 76% of our Scope 3 SBTi footprint is now calculated using activity or average data, rather than spend based methodologies. This is a significant increase in comparison to 2019 where only 8% of data was sourced in this way, representing a major step forward. We are continually working to improve the quality of our emissions data and the progress so far has only been possible through close partnership with our suppliers.

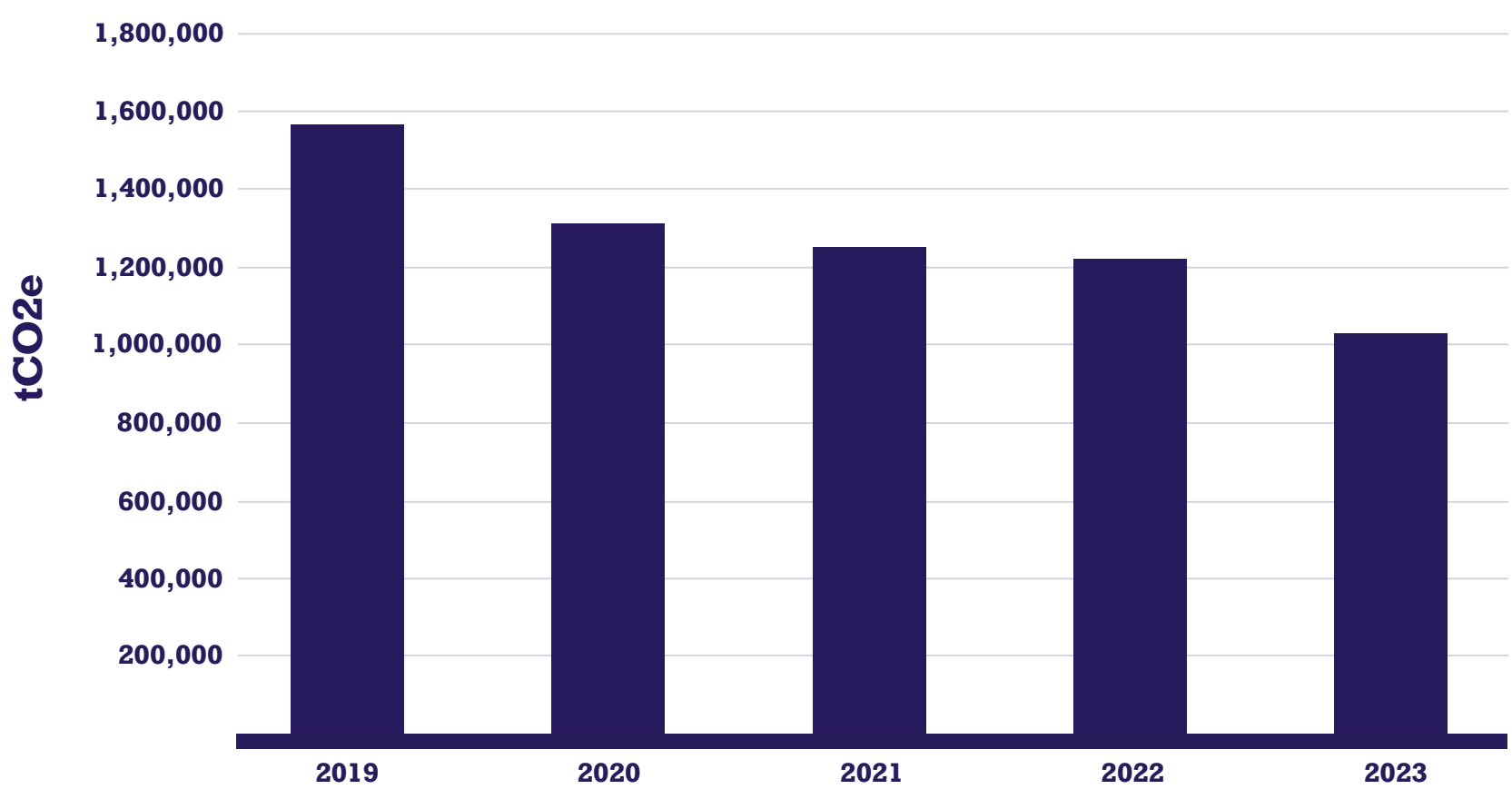
SCOPE THREE REDUCTION

Since 2019 we have reduced our Scope 3 footprint by 34%. In order to achieve our SBTi we need to reduce our emissions by approximately 2.5% YOY. When mapping our Scope 3 emissions against our SBTi’s, we are currently on track to achieve our reduction target of 28% against a 2019 baseline.

SBTi EMISSIONS



TOTAL SCOPE 3 EMISSIONS

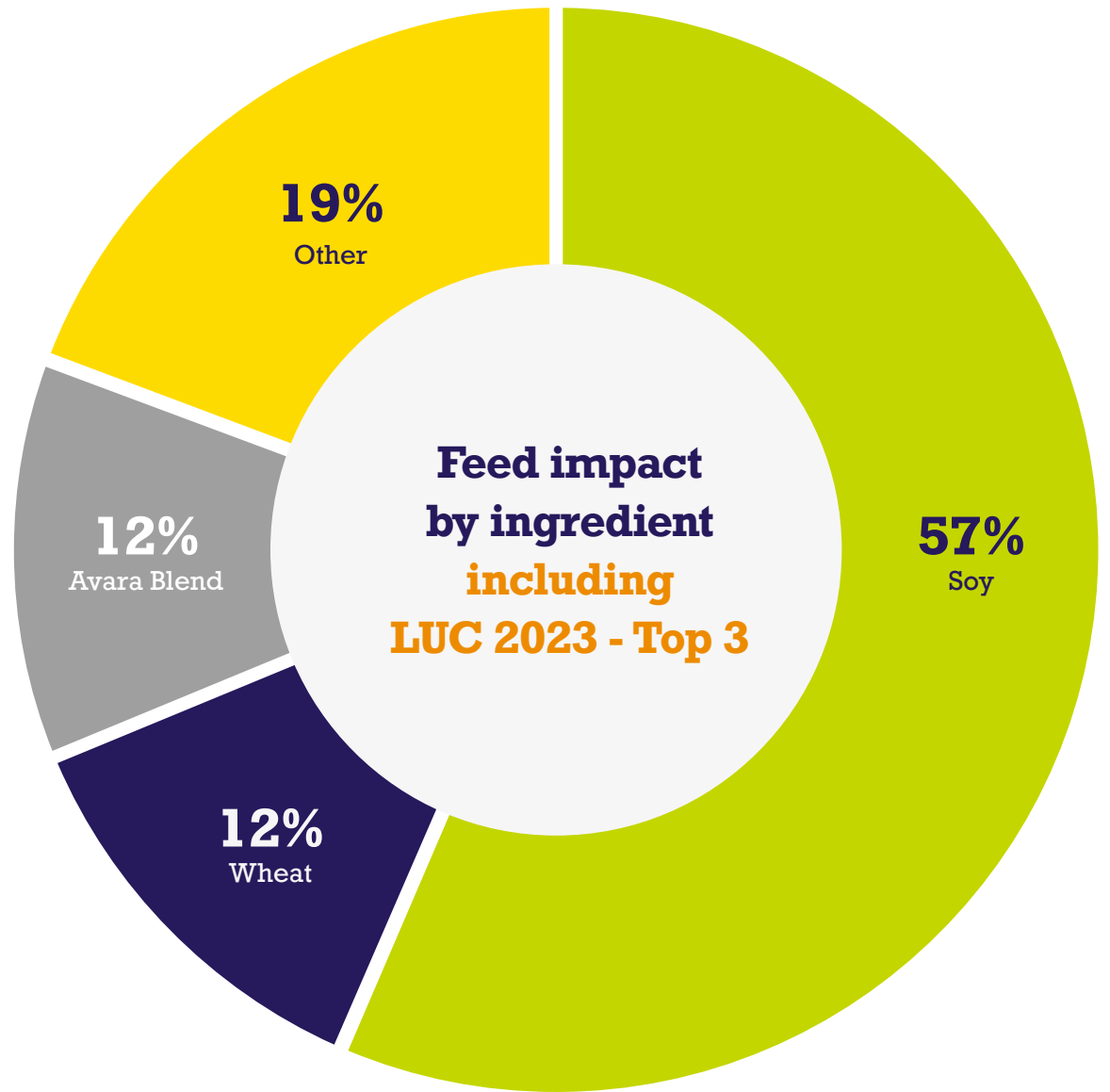
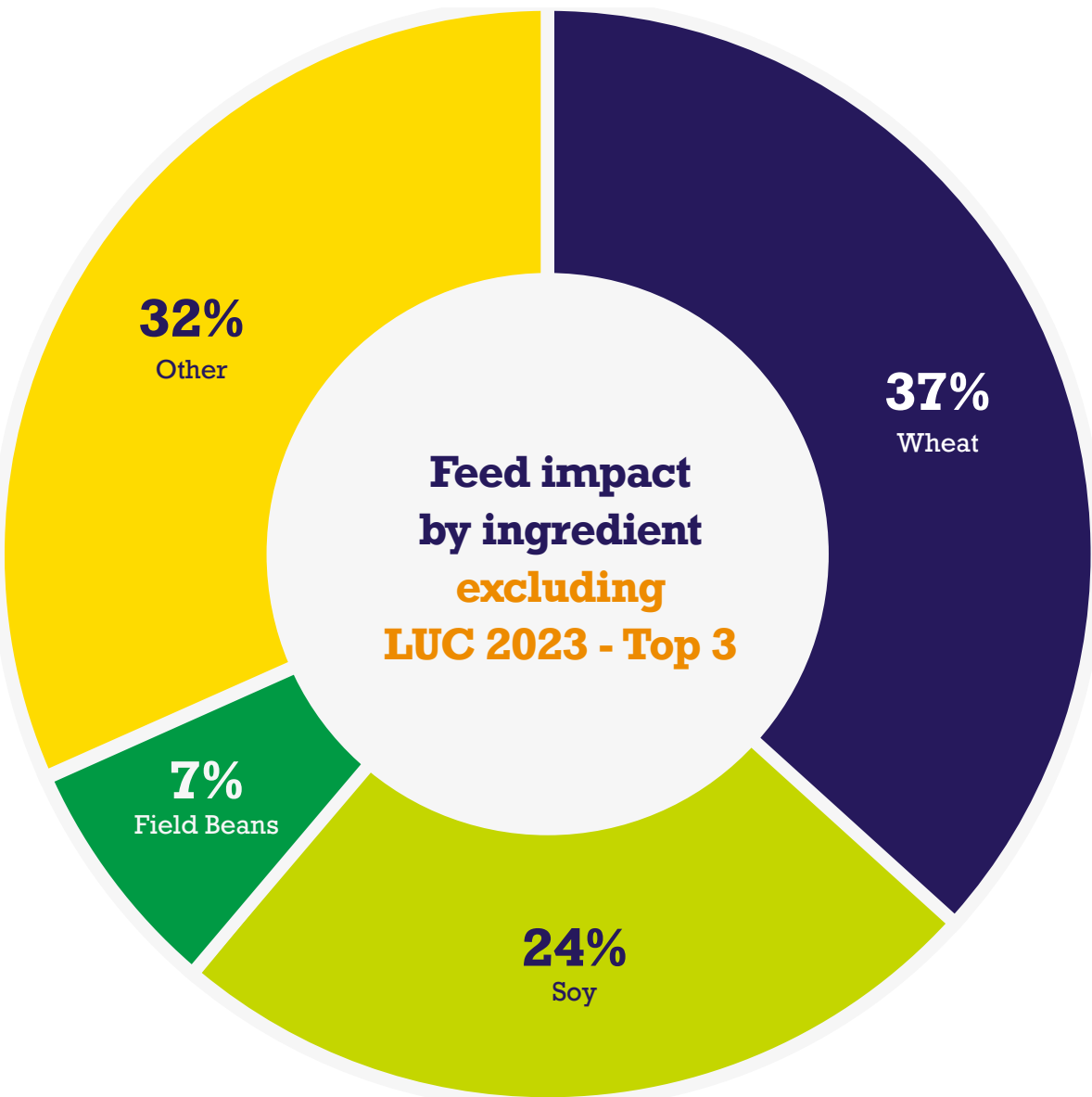


DRIVING DOWN AGRICULTURAL HOTSPOTS

We have identified agriculture as an emissions hotspot area to focus on. As we have a large contract grower base, with their support, we have worked collaboratively to improve our data quality on farms. We are completing individual annual farm carbon footprints and are working closely with carbon footprinting tool, Eggbase, to calculate this data. For 2021 data, we completed this for 30% of our chicken farming base and have increased this further to 56% for 2022. This is a step forward, building towards our 2025 target, which is to have carbon footprint reporting in place for every farm in our supply chain.

As feed and grain are a significant contributor to our footprint, we have undertaken 50% and 100% soy reduction trials with alternative proteins, whilst assessing the impact on footprint, welfare and performance. Alongside this, our FCR improved by 0.87% from 2022 to 2023, thereby improving our performance and reducing the contribution of feed to our carbon footprint.

We have included the carbon footprint by ingredient, based on LCA data for our feed formulations for 2023. When we incorporate FLAG requirements into our methodologies going forward next year, we will also calculate our feed impact including land use change (LUC).



PRODUCT LEVEL FOOTPRINTS

We were the first poultry business involved in the Mondra pilot which is linked with BRC and retail customers.

Over the last few years, we've been developing and refining our own carbon footprints, covering our own operations and those of our wider supply chain. Behind the scenes of this project, we've been sharing that information to help several retailers and restaurants work out the true carbon footprint of individual products, whether that's packs on a shelf or items on a menu.

The great hope of this project is twofold. Accurate and consistent product footprints could pave the way for some kind of labelling that enables consumers to see, understand and make decisions based on environmental impact. It could also help identify opportunities for the various parts of product supply chains to connect and drive further reductions. As we know from our own work, we can reduce our own carbon footprint, but bringing down carbon emissions throughout our supply chain requires collaboration and partnership – and that all starts with reliable data.

This builds upon the primary data and carbon footprint work that we have been improving over the past few years, including the farm carbon footprinting we've completed with Eggbase, which has been crucial in providing robust, quality data into Mondra's Farm Data Done Better workstream.



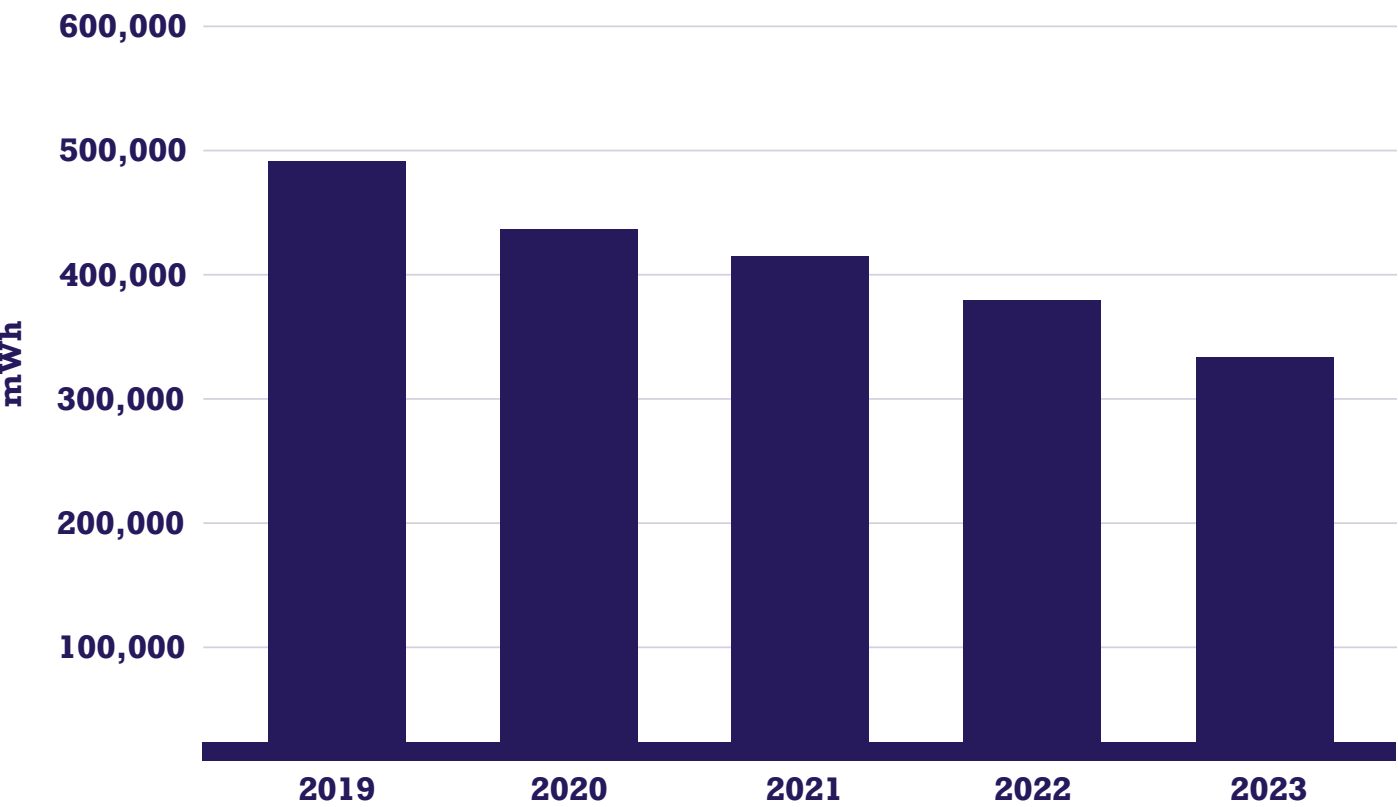
ENERGY

Our energy consumption is monitored closely both at site and at group level. We have mature ISO 50001 and 14001 systems in place across most of our processing sites and mills, and plan to extend this further throughout our operations. 77.1% of total energy consumption in 2023 is covered by ISO50001.

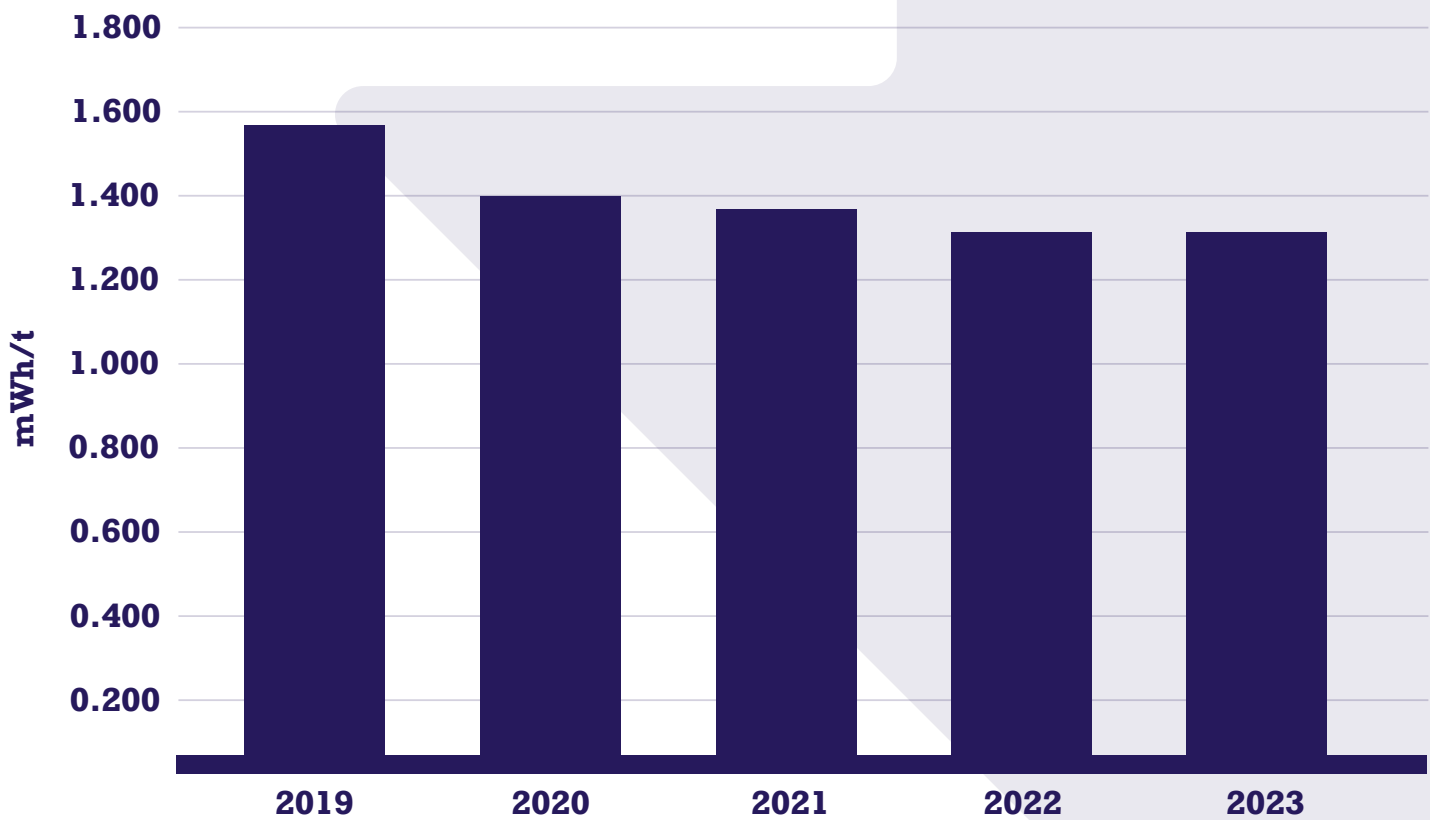
Since 2019 we have reduced our energy consumption by 32% by continuing to drive improvements in energy efficiency.

32%
REDUCED ENERGY
CONSUMPTION
SINCE 2019

YOY Comparison



Energy efficiency



WATER

We have been continuing to focus on collating all the water consumption data from our larger sites; our factories, mills and hatcheries. We are exploring ways to expand this data collation to include our farms and wider supply chain.

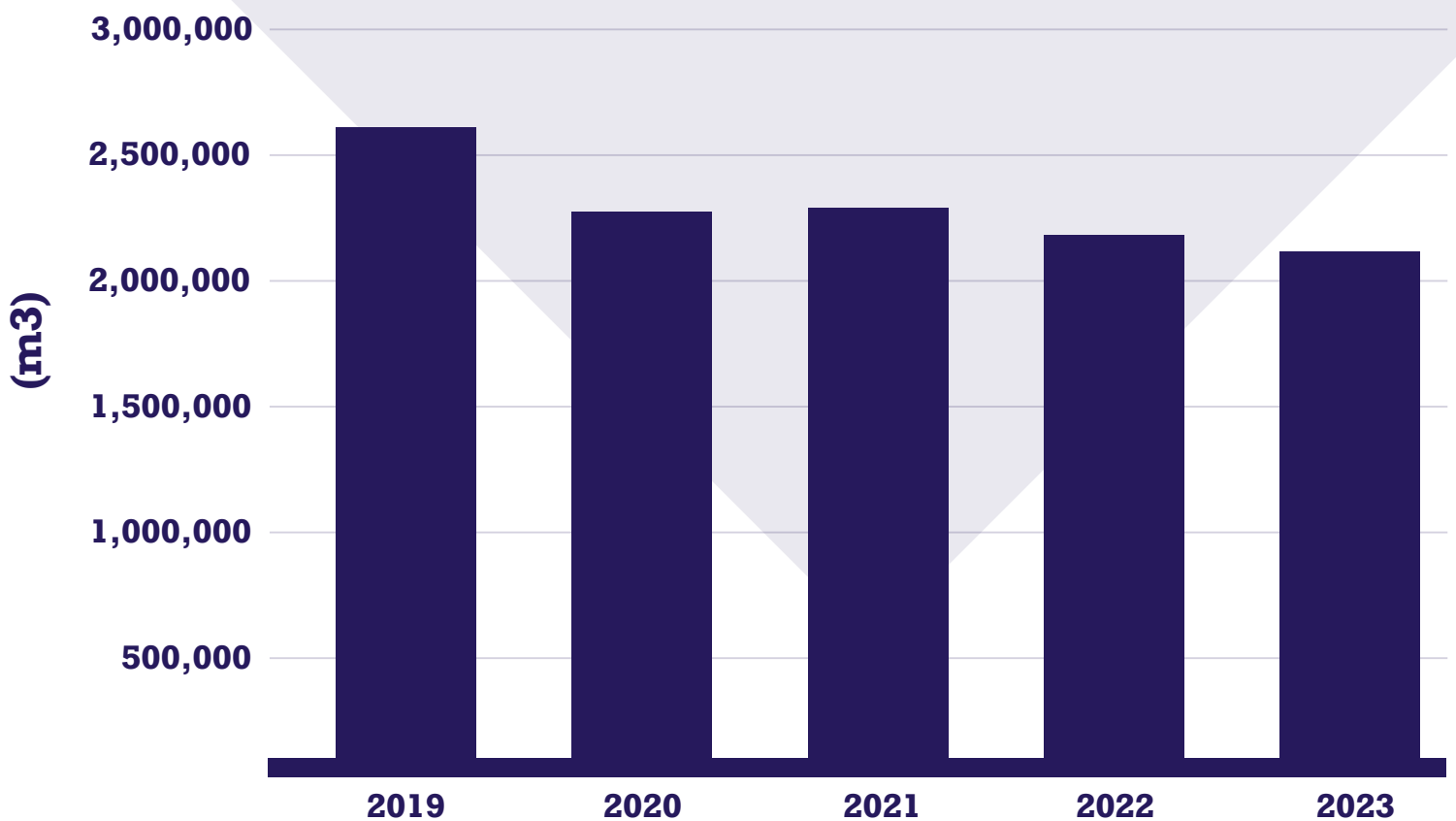
Our ISO14001 environmental management system provides a framework for individual sites to track, manage and reduce water consumption. We expect it to improve process efficiency as well as highlight opportunities for reuse and recycling. Since 2019, we've successfully reduced our water consumption by 16%.

As Courtauld signatories, we are committed to the 2025 Water Ambition. This involves monitoring usage in our operations, improving efficiencies and taking collective actions to improve water quality and the availability of water in the aquatic environments around us.

We also support the Water Roadmap; taking actions to become good water stewards and following WWF's water stewardship framework steps. The initiative aims to achieve an overall improvement in water, with sustainable water management systems in place by 2030 for half of the areas within the UK which produce fresh food.

Using WWF's Water Risk Filter, we have mapped the basin water risk of all our sites and farms, allowing us to analyse maps of physical, regulatory and reputational risk now and in the future under different climate and socio-economic scenarios. We have also expanded this to include the operational risk at our processing sites, mills and hatcheries, giving us a more complete understanding of our potential water risk and guiding us to prioritise action on what and where it matters most for enhancing business resilience and contributing to a sustainable future.

Water Consumption

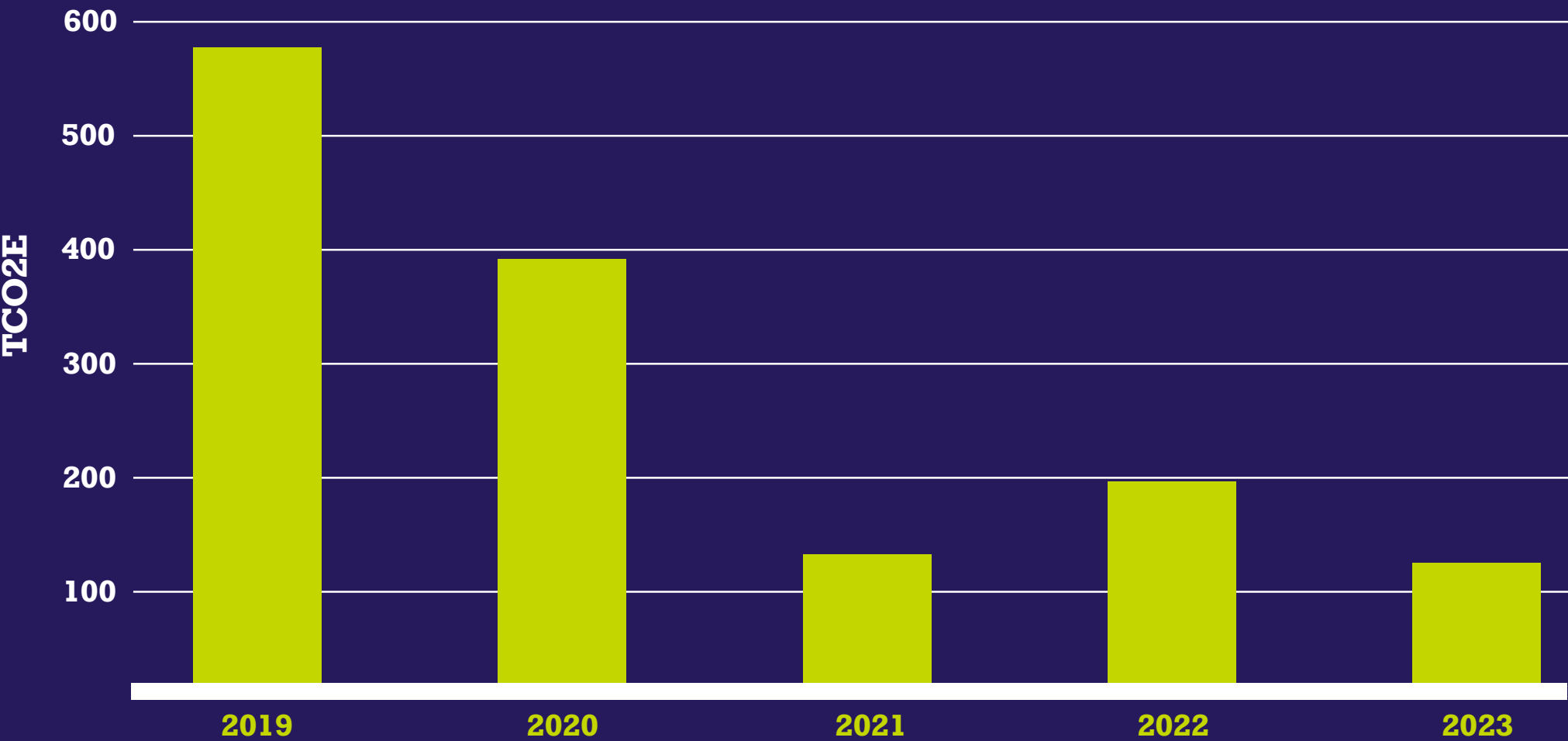


16%
REDUCED WATER
CONSUMPTION
SINCE 2019

WASTE

Waste in this section refers to general waste and recycling disposed of at Avara sites. Waste can be defined as any substance or material that no longer has a use or purpose and needs to be discarded.

Since 2019 we have reduced the emissions (tCO2e) associated with the disposal of waste in our food processing operations by 74%. This is due to switching to a zero waste to landfill contract in 2020. This contract means our waste is now sent for energy recovery rather than landfill.



The data obtained has given us an insight to set targets, reduce the total amount of waste produced, increase recycling rates, and encourage circular economies.

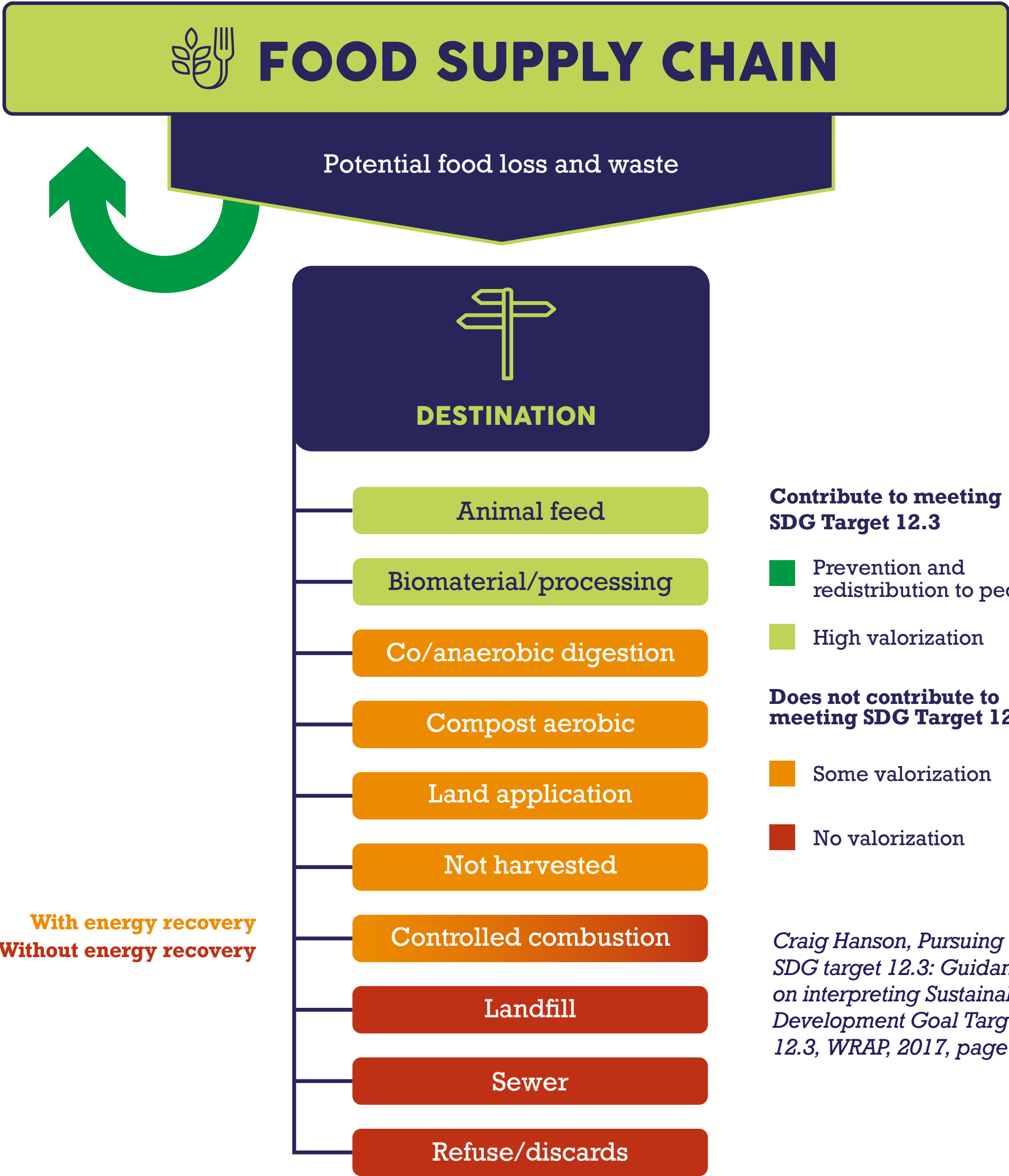


We have recently started working more closely with our internal waste champions on two priorities to help reduce our total waste and emissions footprint: by encouraging colleagues to recycle more effectively, and to reduce the total volume of waste quantities produced by our farms and factories. On a site level we have improved the visibility of data, closely monitored key performance indicators (KPIs) and improved infrastructure to segregate waste effectively. However, a large part of these improvements will come as a result of employee engagement and behaviour changes.

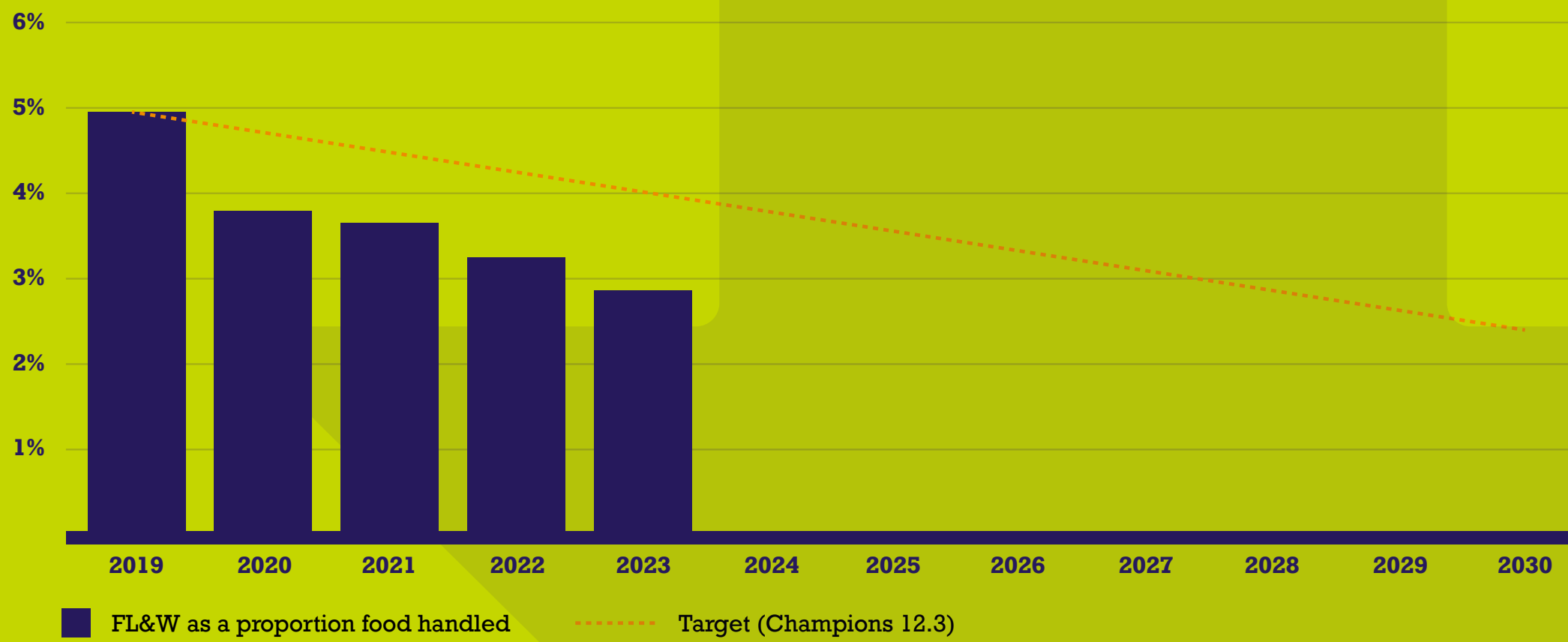
FOOD LOSS & WASTE

Food waste is a significant issue in the UK and a potential cost to our business. Food loss and waste (FL&W) can occur across our operations: in agriculture and during processing. However, our business model is built on minimal waste and finding value in every part of the carcass, whether it is for the human food chain, animal consumption or a non-food product, such as biofuel.

“OUR BUSINESS MODEL IS BUILT ON MINIMAL WASTE AND FINDING VALUE”



FOOD LOSS AND WASTE REDUCTION

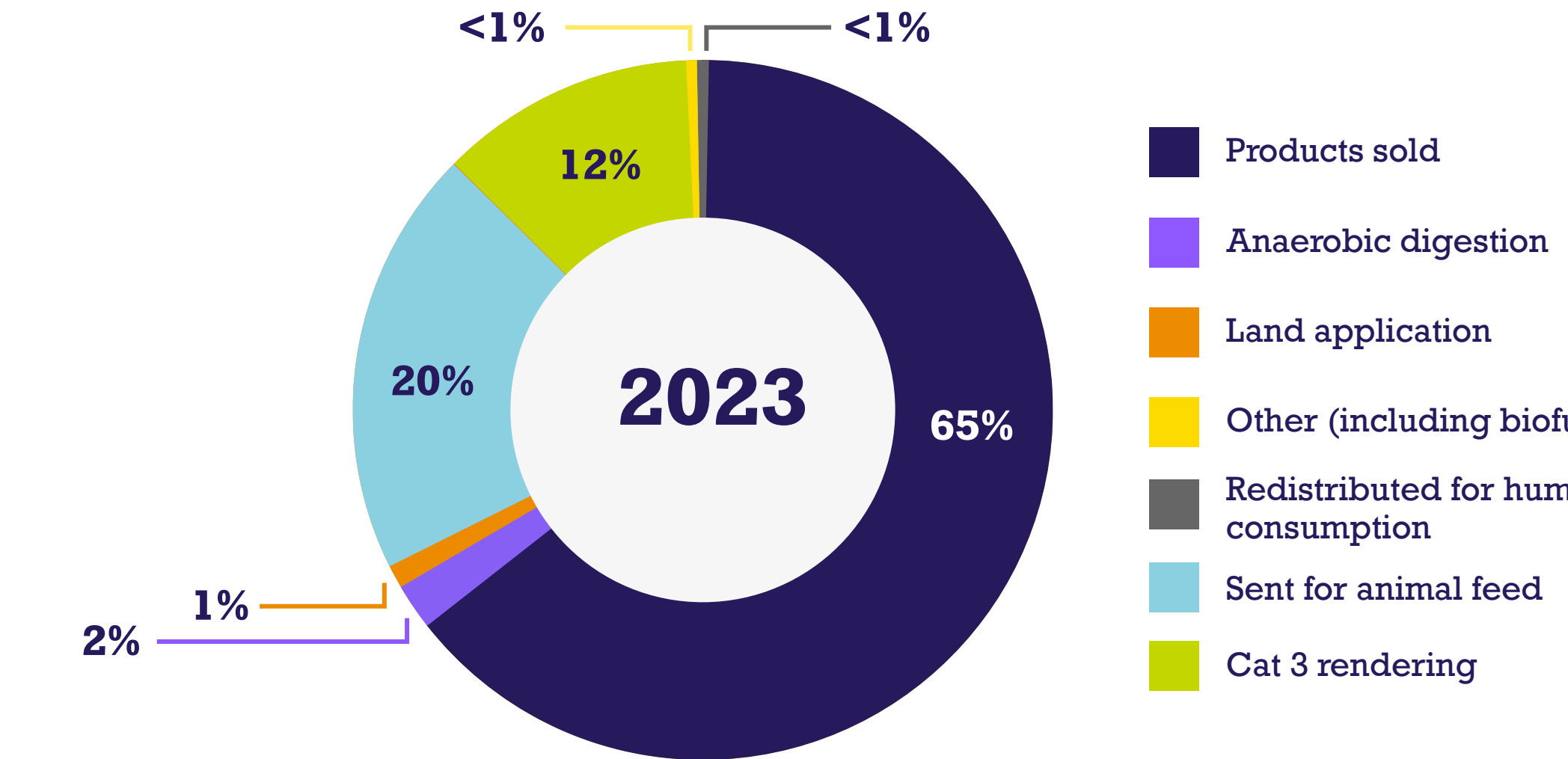


We are currently on track to achieve the target of 50% reduction in food waste by 2030. In 2023 our operational food waste of sold product was **2.93%**, down from our baseline year **4.93%**.

END DESTINATION

In our supply chain, we redistribute products to the best of our ability for human consumption within our business to our staff shops and externally through charity donations such as FareShare; this is our food surplus.

The pie chart below shows how the majority (85%) of our products are used for human or animal consumption.



We have also been working with our customers in the hospitality and food sector in order to create a whole chain reduction plan, in conjunction with WRAP. The objective of the project was to identify opportunities where meat waste reduction could be achieved across the supply chain with a focus on one product - chicken thighs. Our data showed our thigh factory rejects, where a product does not meet specification, to be less than 0.5% of processed volumes in this project. Improvements were implemented which included additional staff training, and thereby resulted in up to 0.8% improvements in quality compliance.

PLASTICS AND PACKAGING

Under the UK Plastics Pact, we have committed to:



Eliminate problematic plastics reducing the total amount of packaging on supermarket shelves



Stimulate innovation and new business models



Help build a stronger recycling system in the UK

Alongside other signatories, we will ensure plastic packaging is designed so it can be easily recycled and made into new products and packaging, ensuring consistent recycling is met.

The right packaging preserves the safety, quality, and nutritional properties of our products, as well as prolonging the life of our products and reducing food waste.

We have made significant progress introducing new packing to the market: reducing the amount of plastic required and increasing the proportion that can be recycled through kerbside collections.

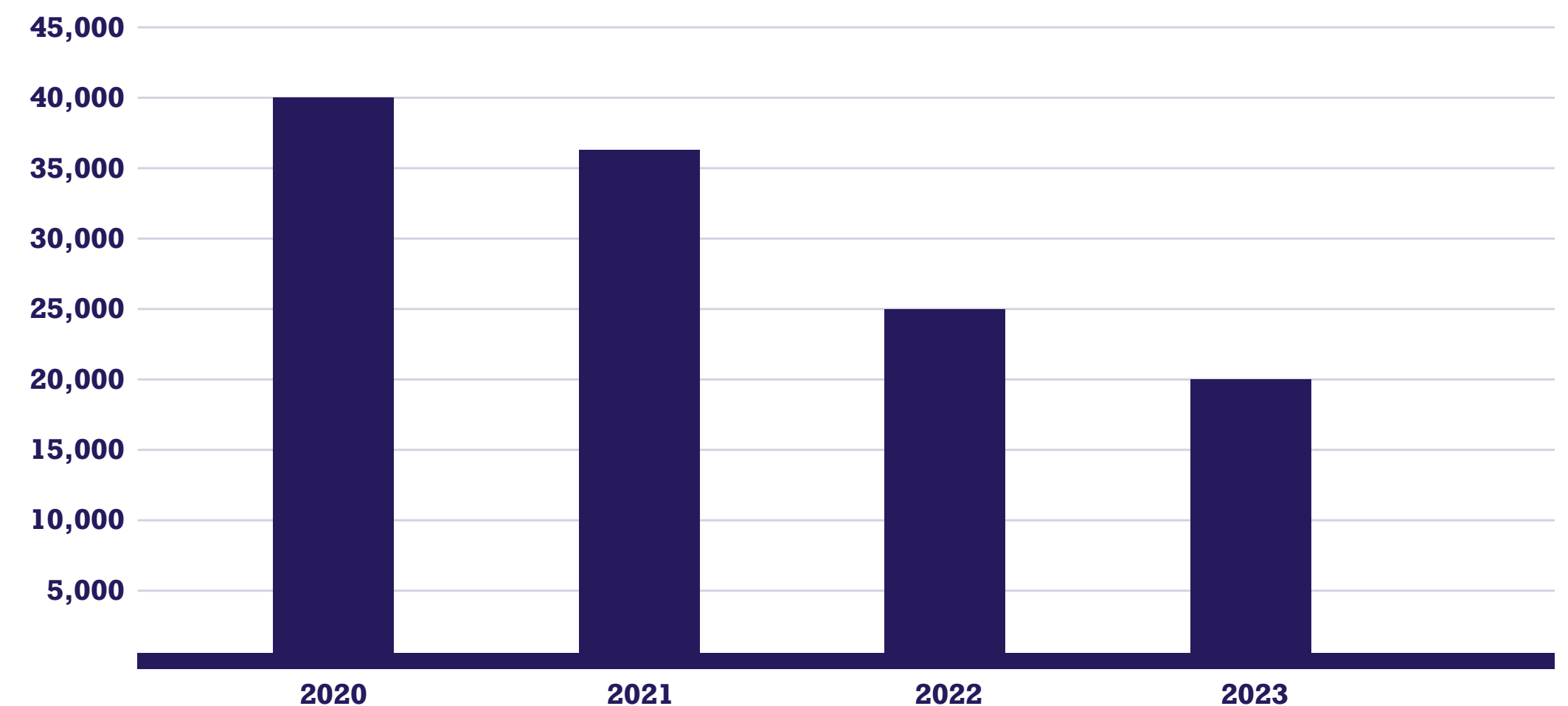
PLASTICS

From 2020-2023 we have reduced the greenhouse gas emissions associated with our packaging by 50%. This is predominantly due to us reducing the weight of packaging by 45% during the same period.

We've also completed a circular economy trial with one of our customers and their packaging supplier, taking their 'back office' plastic waste and recycling it into food-grade packaging for our products.

50%
REDUCED
GREENHOUSE
GAS EMISSIONS
FROM 2020 - 2023

tCO₂e



BIODIVERSITY

We purchase a variety of products from a wide range of countries, so we recognise the importance of understanding, managing and mitigating the potential impact of our supply chain.

SOURCING RAW MATERIALS

We use Brazilian soya as an ingredient in our feed. It's a great source of protein, which is a requirement for the healthy development of our birds, but we recognise that it needs to be sourced responsibly. We do this in a number of ways:

- We only buy certified zero-deforestation soymeal (and have done so since 2019). It's currently certified to sub-national regions and we have committed to sourcing from verified zero-deforestation areas by 2025.
- We are a member of the UK Soy Manifesto, and are working collaboratively with others to find practical ways of achieving a UK supply of verified deforestation and conversion-free soy.
- We have reduced the amount of soy in our diets by using more alternative protein sources, such as synthetic proteins, peas, beans and rapeseed. We have also been investigating the use of alternative proteins to reduce the use of soy in our diets.

Beyond soy, over 50% of the wheat we use is purchased locally in the UK. We are working on a tool to map our feed sourcing locations from each delivery into our mills. This is providing us with a much better understanding of seasonality of sourcing locations as well as capturing data such as river catchments and to feed into our water risk map.



RESPONSIBLE MANURE MANAGEMENT

At the start of 2023 we published a roadmap for action, relating to the management of manure from farms supplying us in the River Wye Catchment Area. Today, that roadmap has been fully implemented and we continue to work with experts and partners, sharing our experience and encouraging others to take action.



IN SUMMARY

	WHAT WE'VE DONE	WHAT WE'RE DOING NEXT	OUR TARGETS
 CARBON	31% reduction in Scope 1&2 MB emissions since 2019. 34% reduction in Scope 3 emissions since 2019.	100% of farms to be measuring their Carbon footprint. Continuing to engage suppliers.	SBTi 46% reduction in Scope 1&2 emissions by 2030. 28% reduction in Scope 3 emissions by 2030.
 ENERGY	32% reduction in energy consumption since 2019.	Investigating and trialling new technology.	2% year on year improvements in energy efficiency.
 WATER	16% reduction in water consumption at our main sites since 2019.	Mapping our supply chain water footprint, including farms.	50% of water to be sourced from sustainable sources. 2025 Water Ambition.
 WASTE	Operational food waste is 2.93%, down from 4.93% in 2019. Zero waste to landfill. 74% reduction in carbon emissions associated with waste disposal.	Continuing to engage employees on effective waste segregation. Completing waste mapping at sites to identify further recycling opportunities.	50% reduction in FL&W by 2030. 20% recycling rates.
 PLASTICS	Reduced the tCO2e associated with packaging 50% since 2020.	Continue exploring circular economies.	Plastics Pact.
 BIODIVERSITY	100% certified Soy. Published River Wye Roadmap.	Trialling alternative sources of protein	100% vDCF by 2025.

