

# Climate Transition

Reducing carbon emissions is critical if we are to avoid the worst effects of climate change and remain a resilient business. We are committed to becoming a net zero business, not just because it is the right thing to do, but because our communities, customers and shareholders expect dedicated action in this area.

## Key commitments

We are committed to becoming a net zero business, for our Scope 1 and 2 emissions, by 2040. To support this, we have established Science Based Targets, which are externally verified by the Science Based Targets initiative (SBTi):

- Reduce absolute Scope 1 and Scope 2 emissions by 46.2% by 2030 from a 2019 base year.
- Reduce Scope 3 emissions from purchased goods and services, and upstream transport and distribution, by 42% per tonne of product sold by 2030 from a 2019 base year<sup>1</sup>.

<sup>1</sup> Pending SBTi sign off capacity for businesses, our target will be updated in FY24 to reflect the new Forest, Land and Agriculture (FLAG) requirements.

## Progress highlights

We developed

### three delivery roadmaps

energy, fleet decarbonisation and water – to support our Scope 1 and 2 SBTi target.

We reduced our Scope 3 intensity by 3% from our FY19 base year.

Energy Savings Opportunity Scheme (ESOS) audits completed across 80% of our energy usage.

We have started our fleet decarbonisation journey and deployed our first electric vehicle (EV).

We commenced a trial of new motor technology at two of our sites and we are anticipating a 10-30% energy saving from these motors (compared to current) that will support a broader site energy reduction plan.

Delivering on the UN SDGs



## What's next in FY24

- We have developed a comprehensive Energy Action Plan to be in place by Q1 2024, are exploring opportunities for renewable energy across our sites and mobilising the £5 million capital project investment we have allocated to energy work in FY24. We shall be supported in this using third-party expertise and knowledge where required. We aim to accelerate our programme, using both the capital and the enthusiasm of our newly formed Energy team.
- We are continuing to build upon our energy engagement work across the business by providing targeted communication, training and leadership to all relevant operational teams.
- We are commencing upskilling of Safety, Health and Environment (SHE) Managers, with our first 2024 event being a SHE Conference, which will include environmental upskilling.
- We are planning to roll out improved energy efficient motor technologies across our sites, following its successful trial in 2023.
- Developing deep collaborative partnerships with our high carbon impact ingredient suppliers to ensure we accelerate our ingredient decarbonisation.



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## Performance tables

		Base FY19	FY21	FY22	FY23
GHGs (tCO <sub>2</sub> e)	Combustion of fuel and operation of facilities (Scope 1)	60,952	68,386	72,320	71,858
	Electricity, heat, steam and cooling purchased for own use (Scope 2)	28,654	21,892	20,335	21,508
	<b>Total gross emissions (tCO<sub>2</sub>e) Scope 1 and 2</b>	<b>89,606</b>	<b>90,278</b>	<b>92,655</b>	<b>93,366</b>
	Green tariff <sup>2</sup> (tCO <sub>2</sub> e from green energy certificates)	-28,624	-21,042	-19,563	-1761
	<b>Total net emissions (Scope 1 and 2)</b>	<b>60,982</b>	<b>69,236</b>	<b>73,092</b>	<b>91,605<sup>3</sup></b>
	Scope 3 emissions (m tonnes of CO <sub>2</sub> e)	1.58 <sup>4</sup>	1.32 <sup>4</sup>	1.48	1.40

<sup>2</sup> Green tariff refers to renewable energy purchases.

<sup>3</sup> During 2023, we moved away from Renewable Energy Guarantees of Origin (REGOs) to focus on workstreams such as solar, PPAs, and other renewable energy options, which provide greater tangible benefit and additionality. More details of the plan will be provided in Greencore's FY24 reporting. This move has led to an increase in Greencore's net emissions (Scope 1 and 2).

<sup>4</sup> Adjusted historical data for Scope 3 emissions reflecting updates to data collection and ensuring consistency of approach.

		Base FY19	FY21	FY22	FY23
GHGs intensity	Scope 1 and 2 kilogrammesCO <sub>2</sub> e/£1 revenue	0.062	0.068	0.053	0.049
	Scope 3 tonnesCO <sub>2</sub> e/t product	2.81 <sup>4</sup>	2.76 <sup>4</sup>	2.74 <sup>4</sup>	2.73
Energy consumption (MWh)	Fuel non-renewable (MWh)	289,954	319,353	346,107	346,484
	Fuel renewable (MWh)	1,045	1,960	1,498	2,248
	Total fuel consumption (MWh)	290,999	321,313	347,605	348,733
	Total electricity consumption (MWh)	108,012	103,053	105,087	103,781
	Total energy consumption (MWh)	399,011	424,366	452,692	452,513
Key Performance Indicators (for manufacturing only)	Total primary energy consumption (MWhp)	467,617	466,920	488,497	489,782
	Energy intensity ratio (kWhp/tonne)	1,235	1,315	1,254	1,250
	Water consumption (megalitres)	2,255	2,377	2,709	2,717
	Water per tonne of production (m <sup>3</sup> /tonne)	5.96	6.70	6.96	6.93