Carbon Reduction Plan

Supplier name **Samworth Brothers**
Publication date **01/06/2026**

Commitment to achieving net zero

Samworth Brothers Limited is committed to achieving net zero emissions by 2050.

Baseline emissions footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions.

Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline year: 2022	
Additional details relating to the baseline emissions calculations:	
Our carbon reduction targets and underlying data have been externally validated and approved by the Science Based Targets initiative (SBTi).	
Baseline year emissions:	
Emissions	Total (tCO_2e)
Scope 1	73,508 (tCO_2e)
Scope 2 (market based)	0 (tCO_2e)
Scope 3 (included sources)	1.35 ($MtCO_2e$)
Total emissions	1.43 ($MtCO_2e$)

Current emissions reporting

Reporting year: 2025	
Additional details relating to the current emissions calculations:	
Our underlying data have been externally validated	
Reporting year emissions:	
Emissions	Total (tCO_2e)
Scope 1	76,995 (tCO_2e)

Scope 2 (market based)	0 (tCO_2e)
Scope 3 (included sources)	Not available ($MtCO_2e$)
Total emissions	Not available ($MtCO_2e$)

All previous carbon data is reported here: **Carbon Factsheet**

Scope 3 emissions for 2025 are currently being calculated and will be reported in line with the GHG Protocol Scope 3 Standard. We aim to disclose via our website by end of August 2026. We are continuing to improve data quality and supplier engagement to ensure full reporting coverage in future disclosures.

Emissions reduction targets

In order to continue our progress towards achieving Net Zero, we are committed to delivering our Science Based Targets initiative (SBTi)-validated carbon reduction targets. We will reduce emissions to 30,873 tCO_2e by 2030, representing a 42% reduction from our 2022 baseline, supported by a programme of energy efficiency, fuel switching, and operational decarbonisation initiatives.

Carbon reduction projects

The following environmental management measures have been implemented since the 2022 baseline. These initiatives have delivered an estimated reduction of 5,751 tCO_2e (7.8%). Whilst emissions increased in 2025 due to refrigerant-related emissions, this has been identified as a key hotspot and is being addressed through planned upgrades. Excluding this impact, measures demonstrate continued progress.

Low-Carbon and Zero-Emission Fleet (2022–Ongoing)

Transition to HVO and electric vehicles to reduce transport emissions and support long-term decarbonisation.

Renewable Electricity and Efficiency (2022–Ongoing)

100% renewable electricity procurement combined with ongoing efficiency improvements such as LED upgrades and controls.

Energy Excellence Programme (2023–Ongoing)

Optimisation of bakery processes including ovens and refrigeration, with monitoring and targeting systems to drive continuous improvement.

Future carbon reduction initiatives

In the future, we will implement further measures to support meeting our interim carbon reduction target for 2030 and our Net Zero trajectory.

Refrigeration Upgrade (2025–2030)

We will upgrade refrigeration systems to use natural refrigerants (ammonia and CO_2), reducing high-GWP gases and improving efficiency to lower both Scope 1 and Scope 2 emissions.

Solar PV Roll-Out (2025–2030)

We are delivering a phased Solar PV installation programme across suitable sites to increase on-site renewable generation and reduce reliance on grid electricity. Implementation has commenced, with the first installation delivered at one site in May 2026, with further roll-out planned across additional locations.

Decarbonisation of Cooking & Baking (2027–2032)

We will transition bakery operations towards low-carbon cooking technologies, including electrification of ovens and process optimisation, reducing reliance on fossil fuels and lowering Scope 1 emissions.

Low-Carbon and Zero-Emission Fleet *(2025–Ongoing)*

We will introduce more electric HGVs to our fleet as technology and supporting infrastructure develop, supporting long-term decarbonisation of transport emissions.

Energy Excellence Expansion (2025–Ongoing)

We will continue to expand our Energy Excellence Programme, driving further year on year efficiency improvements, enhanced monitoring, and sustained emissions reduction across operations.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard[1] and uses the appropriate government emission conversion factors for greenhouse gas company reporting.[2]

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.[3]

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the supplier:

Andy Wright, Group Sustainability Director Date: 1st June 2026

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[1] https://ghgprotocol.org/corporate-standard

[2] http://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

[3] https://ghgprotocol.org/standards/scope-3-standard