

Carbon Reduction Plan for B. Braun Sterilog (Yorkshire) Ltd

SA-GB02-G-6-4-20-501-02-A-EN

Valid From 08.04.2025

Version 4.0

Page 1 of 5

Supplier name. **B. Braun Sterilog (Yorkshire) Ltd (Companies House, 00036822)**

Publication date. **28.04.2026**

Reporting Year. **2025 (January to December inclusive)**

This plan is based upon Procurement Policy Notes 06/21 & 006

Commitment to achieving Net Zero

B. Braun Sterilog is committed to achieving Net Zero emissions by 2045.

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 2021		
Additional Details relating to the Baseline Emissions calculations.		
For the emission calculations we followed the Greenhouse Gas Protocol guidance. All operational & financial activities have been considered. The emissions will be calculated in tonnes of carbon dioxide equivalent - tCO ₂ e. We used UK Government – Department DESNZ, Conversion Factors.		
Scope 1 & 2		
Scope 1 & 2 use good quality energy/fuel usage and mileage data to calculate their associated emissions. We will use 2021 as our baseline to keep in-line with B. Braun Group's calculated baseline year.		
For Scope 3		
Good quality data for Scope 3 calculations is sparse/sporadic from our suppliers and contractors. We therefore utilise our spend data as a primary source of initial Scope 3 GhG calculation for our base year and subsequent years, unless specified below.		
Baseline Year Emissions 2021:		
EMISSIONS	TOTAL (tCO₂e)	Source
Scope 1	1526	UK Government emissions factors
Scope 2	116	UK Government emissions factors
Scope 3	79 - Cat4 Upstream	Spend using EEIO emission factors
	50 - Cat5 Waste	Spend using EEIO emission factors
	5 - Cat6 Business Travel	Travel miles and hotel nights, UK Government emissions factors & Spend using EEIO emission factors
	130- Cat7 Commute	Employee survey, 61 responses extrapolated to 162 FTEs (includes working from home).
	0 - Cat9 Downstream	Spend using EEIO emission factors
Total Emissions	1906 (includes Scopes 1 & 2 and the above 5 subsets of Scope 3)	

Carbon Reduction Plan for B. Braun Sterilog (Yorkshire) Ltd

SA-GB02-G-6-4-20-501-02-A-EN

Valid From 08.04.2025

Version 4.0

Page 2 of 5

Reporting Year: 2025		
EMISSIONS	TOTAL (tCO ₂ e)	Source
Scope 1	1459.65	UK Government emissions factors
Scope 2	72.56	UK Government emissions factors
Scope 3	47.97 - Cat4 Upstream	Spend using UK Government DEFRA factors by SIC Code
	0.31 - Cat5 Waste	Weights for Commercial Combustion, recycled and glass using Government emissions factors, remainder source spend using DEFRA Factors by SIC Code
	3.92 - Cat6 Business Travel	Travel miles and hotel nights, UK Government emissions factors & spend using UK Government DEFRA factors by SIC Code
	131.82 - Cat7 Commute	Employee survey, 69 responses extrapolated to 197 FTEs (includes working from home), using UK Government emissions factors.
	0 - Cat9 Downstream	Spend using UK Government DEFRA factors by SIC Code
Total Emissions	1,716.23 (includes Scopes 1 & 2 and the above 5 subsets of Scope 3)	

Comment/Context regarding the figures

Sterilog Yorkshire and Sterilog Sheffield

From this year 2025, Sterilog Yorkshire and Sheffield will combine their data reporting. At present, the Yorkshire operation in Pudsey is the only operational branch of the business. Meanwhile the Sheffield arm of the business is purely an administrative/holding company function. Historically the data for Sheffield had been reported within this publication as a percentage of operational output, split between it and Sterilog Birmingham, this is deemed no longer relevant and 100% of Sheffield's GhG is within these figures.

Category 4 & 9 Upstream & Downstream Transportation and Storage. All sales take place at 'the customers gate', therefore any associated transportation GhG to our customers is captured within **Category 4** Upstream Transportation and Storage. Our expectations are that this figure will increase proportionally to our sales, until this calculation moves from spend to distance, method/fuel and weight.

Category 5 Waste. Two waste contractors provided itemised invoices including the estimated weight of waste collected for some waste streams. In yr2025 weights for commercial industrial waste (EWC 20 01 01), mixed recyclable, and clinical waste, were used using UK Government emission factors.

Category 6 Business Travel. We use a travel-booking company to book travel via planes & trains, and to book hotel stays. This gives good data for calculations, using distance and the number of nights. Taxi bookings with Uber for Business also show distance and average vehicle type. Other business travel used spend and DEFRA Factors by SIC Code. From March 2025 we instructed a new a travel-

Carbon Reduction Plan for B. Braun Sterilog (Yorkshire) Ltd

SA-GB02-G-6-4-20-501-02-A-EN

Valid From 08.04.2025

Version 4.0

Page 3 of 5

booking company which is able to provide data with improved accuracy. Therefore, our yr2025 figures combine the old and new travel companies.

Category 7 Employee Commute. The total for 2024, was reported as 62 tCO₂e. This is incorrect, the total Employee Commute emissions should have been 116.48 tCO₂e. This discrepancy was caused by a calculation error where distance travelled to work was only captured in one direction. Our systems have been amended to ensure that will not happen again.

Figures for 2025 used the results of a comprehensive employee survey, where 69 out of 197 FTEs (35%) responded. The survey allowed rich insight into employee commuting habits. Data was extrapolated to the whole FTE, distances travelled doubled (to work and back home) and up scaled to the entire year.

More than half of the respondents (50, 86.4%) travel to work by car, additionally almost all employees (63, 91%) always work on site due to the nature of their job requiring their presence in a cleanroom. To support greater adoption of electric vehicles from our staff we installed more EV chargers in the staff car park in 2025, and up-take of BEV vehicles can be seen in the data collected. This survey will be repeated and used to assess whether these installs are further influencing an employee decision to switch to electric cars.

Emissions reduction targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

- Commit to reduce our Gross Greenhouse-Gas Scope 1 and 2 Carbon Dioxide emissions to become Net Zero for all emissions by 2045.
- Only purchase 100% Renewable Electricity effectively making associated Scope 2 emissions Net Zero.

In yr2025 the total scope 1 & 2 GhG was 1,532 tCO₂e. When compared to the annual emissions reductions which are targeted to reach Net Zero by yr2045, Sterilog produced 6% more emissions than the target in yr2025.

Carbon Reduction Plan for B. Braun Sterilog (Yorkshire) Ltd

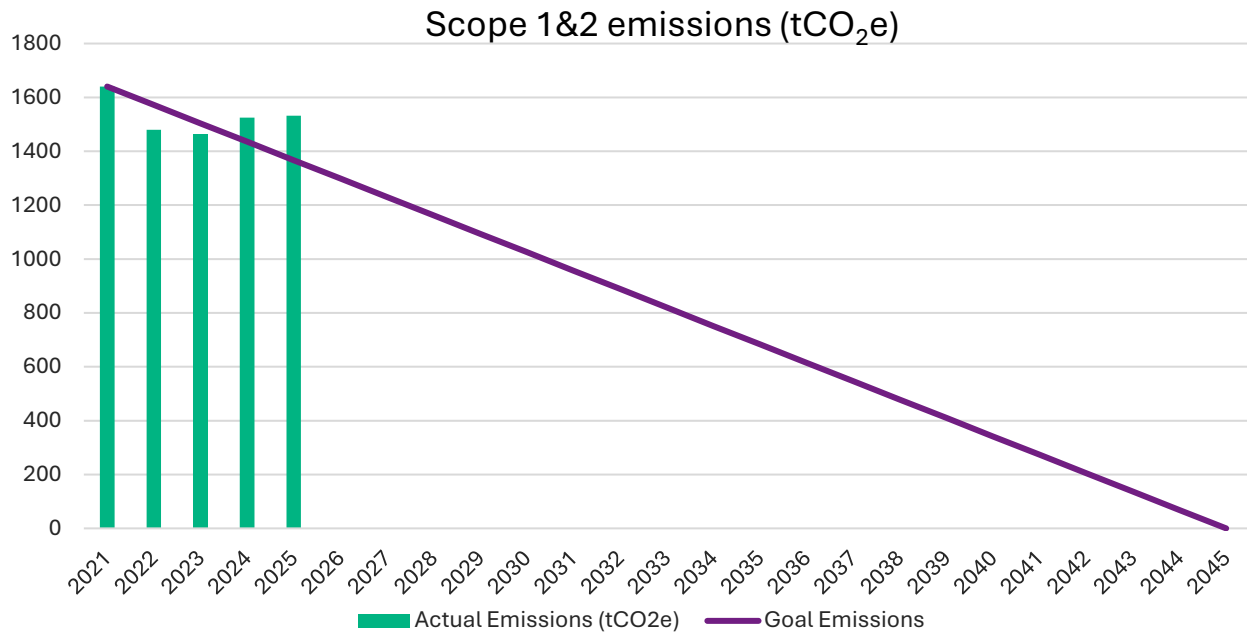
SA-GB02-G-6-4-20-501-02-A-EN

Valid From 08.04.2025

Version 4.0

Page 4 of 5

Progress against these targets can be seen in the graph below:

**Carbon Reduction Projects**

Details of some of our completed carbon reduction projects across the business:

- Continue to purchase 100% renewable (green) electricity
- Replaced fluorescent bulbs with LEDs throughout, controlled by sensors.
- Annually review and where required update our Energy Policy.
- Continue to only allow company cars to be battery EVs and Plug-in's only, investigate the possibility of reducing the percentage of PHEVs in the fleet.
- Increased the on-site electric vehicle charging capacity (yr2025).
- Explored the feasibility of installing solar panels.
- Replaced current gas boiler burners (yr2025).
- Replaced outdated washing and autoclave machinery with more efficient, newer, models. (yr2025)
- Air compressor replacement (yr2024).
- Air Handling Unit Reconfiguration (fans, belts, drives) Pudsey (yr2025).

We hope to see an energy and subsequent GhG reduction in Scope 2 within yr2026 following the above yr2025 improvements.

Details of any likely/proposed future carbon reduction projects for yr2026 are:

- Replace main chiller unit with the expectation of at least a 24% reduction in electricity use compared to the previous model.

Carbon Reduction Plan for B. Braun Sterilog (Yorkshire) Ltd

SA-GB02-G-6-4-20-501-02-A-EN

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Version 4.0

Page 5 of 5

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21& 006 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 standard¹ and uses the appropriate Government emission conversion factor (for that year) or spend emission factors (EEIO emission factors yr2019, DEFRA Factors by SIC Code from yr2025) for greenhouse gas company reporting³.

Scope 1 and Scope 2 emissions, 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) Standard².

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

Signed on behalf of B. Braun Sterilog (Yorkshire) Ltd:

Craig Cannings
Managing Director
B. Braun Sterilog (Yorkshire) Ltd
Date: 28/04/2026



Richard Wood
Operations Director



¹ <https://ghgprotocol.org/corporate-standard>

² <https://ghgprotocol.org/standards/scope-3-standard>