

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

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

Publication date. **08.08.2025**

Reporting Year. **2024 (January to December inclusive)**

This plan is based upon Procurement Policy Note 06/21

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 (tCO ₂ e)	
Scope 1	1526 (using UK Government emissions factors)	
Scope 2	116 (UK Government emissions factors)	
Scope 3 (Including Sources)	79 - Cat4 Upstream	Source: Spend using EEIO emission factors
	50 - Cat5 Waste	Source: Spend using EEIO emission factors
	5 - Cat6 Business Travel	Sources: air miles (with radiative forcing), train miles, nights stayed using UK Government emissions factors, & Spend using EEIO emission factors
	130- Cat7 Commute	Source: ONS Travel Survey ¹ – all Emissions Factors (includes working from home)
	0 - Cat9 Downstream	Source: Spend using EEIO emission factors
Total Emissions	1906 (includes the above 5 subset of Scope 3 & Scopes 1 & 2 only)	

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Reporting Year 2024		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	1425 (using UK Government emissions factors)	
Scope 2	100 (UK Government emissions factors)	
Scope 3 (Including Sources)	155 - Cat4 Upstream	Source: Spend using EEIO emission factors
	3 - Cat5 Waste	Source: Spend using EEIO emission factors
	12 - Cat6 Business Travel	Sources: air miles (with radiative forcing), train miles, nights stayed using UK Government emissions factors, & Spend using EEIO emission factors
	62 - Cat7 Commute	Source: Employee survey where 61 out of 162 FTEs (38%) responded (includes working from home).
	0 - Cat9 Downstream	Source: Spend using EEIO emission factors
Total Emissions	1,758 (includes the above 5 subset of Scope 3 & Scopes 1 & 2 only)	

Comment/Context regarding the figures

Category 4 & 9 Upstream & Downstream Transportation and Storage. All sales take place at 'the customers door', hence any associated transportation GhG to our customers is captured within **Category 4** Upstream Transportation and Storage. Our expectations are that in the short-term 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 were able to offer an itemised invoice including the estimated weight of waste collected for some waste streams. In 2024 weights for commercial industrial waste (EWC 20 01 01), mixed recyclable, and clinical waste, were used using UK Government emission factors. Other waste types used spend and EEIO emission factors.

Category 6 Business Travel. We use a travel-booking company to find/book travel via planes, trains, ferry and book overnight hotel stays. This gives good data for calculations, using distance and number of nights. Other business travel (e.g., taxi) used spend and EEIO emission factors. From March 2025 we will use a new a travel-booking company to book travel via planes, trains, ferries, hire cars, taxis and to book overnight hotel stays.

Category 7 Employee Commute. Figures for 2024 used the results of a granular-comprehensive employee survey, where 61 out of 162 FTEs (38%) responded. We designed a survey which allowed rich insight into employee commuting habits. Data was extrapolated to the whole FTE. More than half of the respondents (38, 62%) travel to work by car, additionally almost all employees (56, 92%) always work on site due to the nature of their job requiring their presence. A third of employees take some form of public transport (bus, train or taxi) to work.

To support greater adoption of electric vehicles from our staff we plan to install more EV chargers in the staff car park. This survey will be repeated and used to assess whether these installs are influencing an employee decision to switch to electric cars. We will further analyse the feedback from this survey in 2026.

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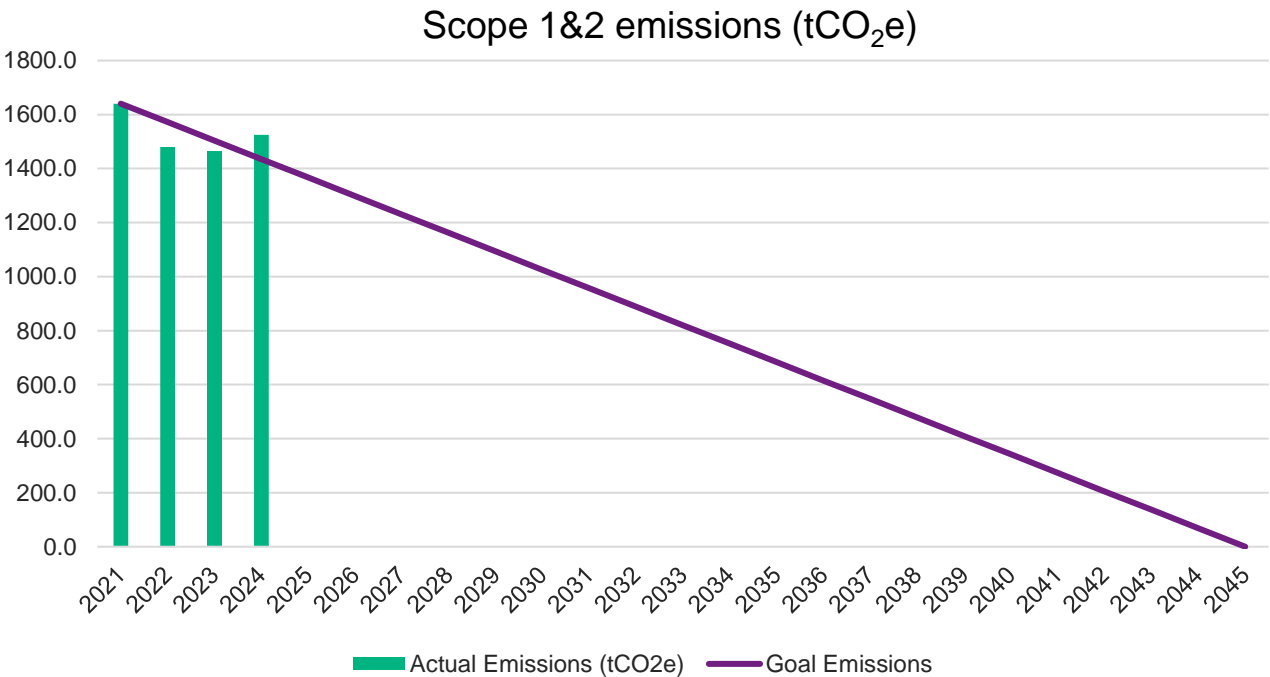
Emissions reduction targets

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

- Set a target and 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 2024 the total scope 1 & 2 GhG was 1,525 tCO₂e. When compared to the annual emissions reductions which need to be made to reach Net Zero by 2045, Sterilog produced 5% more emissions than the target in 2024.

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



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Carbon Reduction Projects

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

- Increase connections with BBMUK sustainability groups, sharing their knowledge and successful policies to implement at Sterilog.
- Create an Energy Policy, reviewed annually.
- Only purchase 100% Renewable Electricity (effectively making Scope 2 Net Zero).
- Create project groups looking at immediate sustainability activities.
- Company Car Policy amended to contain only BEVs and PHEVs– Battery Electric Vehicles and PHEVs Plug-in Hybrid Electric Vehicles. And phasing out Hybrids, and fossil fuelled (ICE) cars over the next 4 years.
- Improve the Building Management Systems with better controls and programming.
- CHP Waste Heat Optimisation.

Details of any likely/proposed future carbon reduction projects.

- Continue to purchase 100% renewable (green) electricity
- Replace 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.
- Increase the on-site electric vehicle charging capacity.
- Explore the feasibility of installing solar panels.
- Replace current gas boiler burners.
- Replace outdated washing and autoclave machinery with more efficient, newer, models.
- Compressor replacement.
- Air Handling Unit Reconfiguration (fans, belts, drives) Pudsey.

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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 standard¹ and uses the appropriate Government emission conversion factor (for that year) or EEIO emission factors (for spend) 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:



Michael Parden
Managing Director
B. Braun Sterilog (Yorkshire) Ltd
Date: 08/08/2025



Craig Cannings
Finance Director

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

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