

Carbon Reduction Plan for B. Braun Medical Ltd

SA-GB02-G-6-4-20-501-02-A-EN
 Valid From 27.03.2023
 Version 2.0
 Page 1 of 5

Supplier name. **B. Braun Medical Ltd (Companies House number 02296559)**
 Publication date. **27.03.2024**
 Reporting Year. **2023 (January to December inclusive)**

This plan is based upon Procurement Policy Note 06/21

Commitment to achieving Net Zero

B. Braun Medical Ltd 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 2019			
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 - CO ₂ e. We used UK Government – Department BEIS, Conversion Factors.			
Scope 1 & 2			
Scope 1 & 2 Emissions are calculated annually in compliance to the Streamlined Energy & Carbon Reporting Regulation. Scope 1 & 2 use good energy usage and mileage data to calculate their associated emissions. We will use 2019 as our baseline as this is the baseline used for SECR.			
For Scope 3			
Good data for Scope 3 calculations is sparse/sporadic from our suppliers and contractors. We therefore are left with spend as primary source of initial Scope 3 GhG calculation for our base year and subsequent years, unless specified below.			
Baseline Year Emissions 2019:			
EMISSIONS	TOTAL (tCO₂e)		
Scope 1	1553 (using UK Government emissions factors)		
Scope 2	668 (UK Government emissions factors)		
Scope 3 (Including Sources)	5023	Cat4 Upstream	Source Spend using EEIO emission factors
	188	Cat5 Waste	Source Spend using EEIO emission factors
	531	Cat6 Business Travel	Sources, air miles (with radiative forcing), train miles, nights stayed using UK Government emissions factors, & Spend using EEIO emission factors
	525	Cat7 Commute (includes working from home)	Source ONS Travel Survey ¹ – all Emissions Factors
	0	Cat9 Downstream	Source Spend using EEIO emission factors
Total Emissions	8487 (includes the above 5 subset of Scope 3 & Scopes 1 & 2 only)		

¹ <https://www.gov.uk/government/statistics/national-travel-survey-2021>

² <https://ghgprotocol.org/corporate-standard>

³ <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁴ <https://ghgprotocol.org/standards/scope-3-standard>

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SA-GB02-G-6-4-20-501-02-A-EN
 Valid From 27.03.2023
 Version 2.0
 Page 2 of 5

Reporting Year 2023		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	712	
Scope 2	650	
Scope 3 (Including Sources)	6860 Cat4 Upstream	Source Spend using EEIO emission factors
	200 Cat5 Waste	Weights for Commercial Combustion, recycled and glass using Government emissions factors, remainder source Spend using EEIO emission factors
	415 Cat6 Business Travel	Sources, air miles (with radiative forcing), train miles, nights stayed using UK Government emissions factors, & Spend using EEIO emission factors
	1032 Cat7 Commute	All employee survey, using UK Government emissions factors – extrapolated (includes working from home)
	0 Cat9 Downstream	Source Spend using EEIO emission factors
Total Emissions	9869 (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 short-term this figure will increase proportionally to our sales, until this calculation moves off spend, to distance, method/fuel and weight.

Category 5 Waste. In 2021 our principal waste contractor was able to offer a customer hub to enable easy download of waste type/weights for some waste streams. The 2019 emissions were calculated by using spend only and EEIO emission factors. In 2022 & 2023 weights for commercial industrial waste (EWC 20 01 01) and Recyclable – paper/card – and glass, were used using UK Government emission factors. Other waste types used spend and EEIO emission factors.

Category 6 Business Travel. We continue to use a travel-booking company to find/book travel via planes, trains, ferry and book overnight hotel stay. This gives good data for calculations, using distance and number of nights. Other business travel (e.g., taxi) used spend and EEIO emission factors. We will look to capture taxi travel (via distance, fuel etc) in coming years.

Category 7 Employee Commute. Figures for 2019 used an ONS National Travel Survey¹ using FTEs. For 2023 we used the results of a granular-comprehensive employee survey, where 355 out of 779 FTEs (45.6%) responded. We improved last years' survey, asking for more information on the 'market segment' of the employee's car. Data was extrapolated to the FTE. We see a large increase of 369 tCO₂e on the 2022 figures, mainly from driving (car or van) to work, adding 371 tCO₂e alone from 2,183,782 extra miles (on 2022 mileage). A reason for the increase in mileage could be the change in company policy (as we exited Covid working practices) part way through 2023 to work at site a minimum of 3 days, up from 2 days a week, for those people that can and do work from home. We also increased our FTE count by 48 people on year 2022 and that's an increase of 213 FTEs on our 2019 base year. This increase in FTEs (37.6% increase on 2019) is

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SA-GB02-G-6-4-20-501-02-A-EN
 Valid From 27.03.2023
 Version 2.0
 Page 3 of 5

also a large contributor to the 2023 Category 7 total, where employees mainly use a car to get to site. We plan to install more EV chargers at HQ site and this survey will be 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 2024.

Emissions reduction targets

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

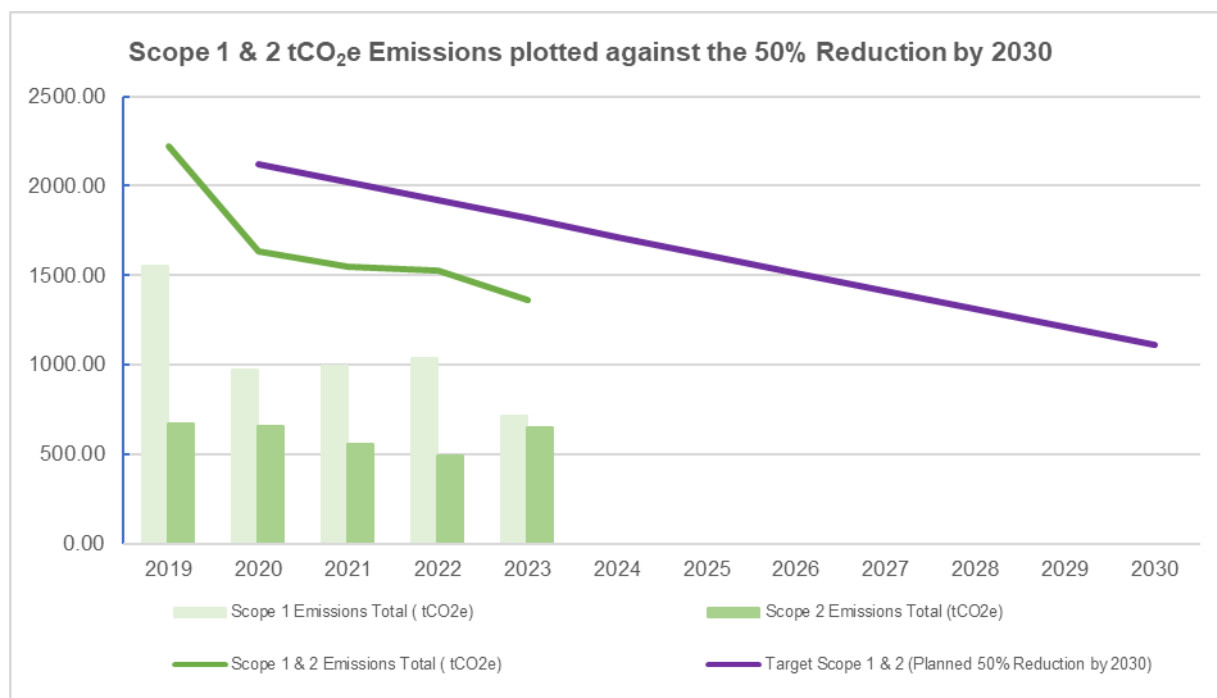
- Set a target and commit to reduce our Gross Greenhouse-Gas Scope 1 and 2 Carbon Dioxide emissions by 50% by the end of 2030, and aim to become Net Zero for all emissions by 2045
- Only purchase 100% Renewable Electricity effectively making associated Scope 2 emissions Net Zero

Last year we projected that our Scope 1 & 2 carbon emissions would decrease over the next four years to 1514 tCO₂e by the end of 2026. This would be a reduction of 32%.

In 2023 the total scope 1 & 2 GhG was 1362 tCO₂e, surpassing the 1514 prediction (by the end of 2026). This means the 'next four year' target (by the end of 2027) of 1413 tCO₂e – has already been achieved, a 39% reduction.

We have seen company car associated GhG move from Scope 1 – due to fossil-fuelled vehicles, to Scope 2 – EVs & PHEVs. This will mean Scope 1 should lessen, but Scope 2 increase – but by a smaller amount.

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



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Carbon Reduction Plan for B. Braun Medical Ltd

SA-GB02-G-6-4-20-501-02-A-EN
Valid From 27.03.2023
Version 2.0
Page 4 of 5

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction (for Scopes 1 & 2 only) achieved by these schemes equate to 859 tCO₂e, a 39% reduction against the 2019 baseline.

Details of some of our completed carbon reduction projects.

- Created a Sustainability Steering Committee (SSC) who give advice to the UK Executive Committee/Board, who then give direction to the SSC on future direction/plans.
- Created an Energy Policy (Created in 2021), reviewed annually.
- Only purchased Renewable Electricity (effectively making the majority of Scope 2 Net Zero).
- Created 4 project groups looking at immediate sustainability activities.
- Continued to swap-out old fluorescent lamps for LED in work areas.
- Company Car Policy amended to contain entirely BEVs – Battery Electric Vehicles and PHEVs Plug-in Hybrid Electric Vehicles, and Hybrids, phasing out our (only) fossil fuelled (ICE) cars over the next 4 years.
- Improve our Building Management System's with better controls and programming.
- Installed additional submeters in buildings at the head office site to better monitor and understand usage.
- Sustainability Steering Committee (SSC) – transforms into the Sustainability Leadership Team (SLT). Similar people – same function and direction.

Details of any likely/proposed future carbon reduction projects.

- Continue to purchase 100% renewable (green) electricity.
- Annually review and where required update our Energy Policy (carried out 01/02/2024).
- Continue to only allow company cars to be battery EVs and Plug-in's only.
- We will continue to explore the solar panel install at Unit 2 & 8 Brookdale Road sites.
- Continue upgrade and improve our Building Management Systems (BMS)
- Switch last remaining fluorescent lighting to LED – operational activities permitting.
- Upgrade the Distribution Centre's – main electrical distribution board (allowing further electrical work – install solar & EV chargers to take place afterwards)

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Page 5 of 5

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 standard² 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 have been reported in accordance with SECR requirements, 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) Standard⁴.

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

Signed on behalf of the B. Braun Medical Ltd:

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Mr Michael Parden
Managing Director
Date: 27/03/2024



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Mr Paul Skelton
Managing Director, Finance, IT & Operations

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