

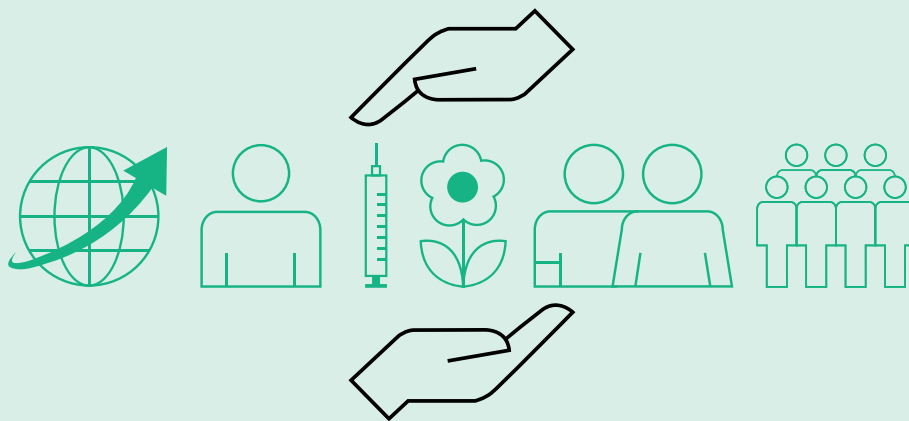
Your health. One community. Our priority.

Fighting climate change at B. Braun Medical Ltd

What is B. Braun Medical Ltd doing to reduce its greenhouse gas emissions?

There is a pressing need to reduce global carbon emissions to prevent catastrophic and irreversible climate change. B. Braun Medical Ltd is committed to playing its part in addressing the risks of climate change and reducing its absolute greenhouse gas emissions. Specifically, by 2030, we commit to a reduction in Scope 1 and 2 emissions by 50% compared to 2019.

This commitment will be reviewed annually with the intended purpose of achieving Net Zero by 2045. We support the NHS's Net Zero strategy including those of all the devolved nations, plus those of our many other customers including: hospitals, distributors, clinics, dentists and vets, who are committed to reducing their emissions.



Introduction to B. Braun – Context of the Organisation

B. Braun Medical Ltd operates a number of facilities within the United Kingdom.

1. Unit 8, Brookdale Road, Sheffield (head office, drug compounding, aseptic processing, warehousing and distribution)
2. Unit 2, Brookdale Road, Sheffield (warehousing and distribution)
3. Chambers Way, Sheffield (medical device manufacturing, repairs and servicing operations)
4. Tunstall Road, Sunderland (customer services)

The majority of products, aside from those used within drug compounding, are sourced from within the B. Braun Global supply chain in Germany. Activities and services supplied by B. Braun Medical Ltd such as Homecare, TransCare and Emerald, which are managed in Sheffield, are captured within our emissions calculations.

Scope of our Emissions Calculations

B. Braun Medical Ltd has calculated Scope 1 and 2 GhG emissions, using 2019 as a baseline for reduction. Scope 3 calculations are ongoing and a subset (those listed in the Policy Procurement Note PPN 06/21) of 5 categories have been calculated.

In particular:

- Scope 1 includes all petrol, diesel and gas purchases as well as company car mileage
- Scope 2 includes all electricity purchases for buildings and company cars (EV)

Scope 3 includes:

1. Upstream transportation and storage (from tier 1 suppliers)
2. Downstream transportation and storage (to customers)
3. Waste (generated at sites)
4. Business travel (taxis, car rentals, trains, ships and planes)
5. Employer commuter travel (employee travel to and from sites and cars owned by our employees)

Methodology of Operational 'Carbon Footprint' Emissions Calculation

All methods of data collection and analysis are based upon The GhG Protocol (revised) and other relevant guidance including The GhG Protocol Scope Guidance. Direct monitoring is unavailable, therefore accurate emission data was calculated from fuel use and mileage data.

Scope 1 GhG emissions were calculated based on the purchased quantities of commercial fuels (such as natural gas) and mileage.

Scope 2 GhG emissions were primarily calculated from metered electricity consumption. In all calculations, published UK Government emission factors or contractors' emission factors were used.

Furthermore, the equivalent emission factors (in tCO₂e carbon dioxide equivalent) were calculated to provide reporting of emissions for the six greenhouse gases covered by the Kyoto Protocol.

Specific Sector Tools

B. Braun is a diverse medical and healthcare company (SIC 86900 Other Human Activities), as such we are unable to choose any specific sector tools. All methodology was collected centrally and based on absolute emissions.

The energy usage and equivalent carbon dioxide amounts (table) showing mandatory Scope 1 and 2 emissions and performance/intensity ratio.

UK and offshore energy and emissions	Year 2024	Year 2023	Base Year (2019)	Unit	Emissions Reduction (%) from Base Year
Energy from gas combustion (Scope 1)	2250377.31	2233454.15	2065965.06	kWh Gross	
Emissions from gas combustion for the figure above (Scope 1)	411.59	408.56	379.97	tCO2e	8.32%
Energy from transport (Scope 1)	1787081.26	1262003.10	4503946.60	kWh	
Emissions from transport (Scope 1)	420.27	303.39	1173.19	tCO2e	64.18%
Total Scope 1 energy from activities for which the company own or control including combustion of fuel and operation of facilities	4037458.57	3495457.25	6569911.67	kWh	
Total Scope 1 emissions from activities for which the company own or control including combustion of fuel and operation of facilities	831.86	711.95	1553.16	tCO2e	46.44%
Energy from purchase of electricity, heat, steam and cooling purchased for own use – (Scope 2)	2331912.60	2278520.9*	2600888.14	kWh Gross	
Emissions from purchase of electricity, heat, steam and cooling purchased for own use – (Scope 2)	482.82	471.82	658.52	tCO2e	26.68%
Energy from transport (PHEV and EV) (Scope 2)	747935.29	860137.92	24518.05	kWh Gross	
Emissions from transport (PHEV and EV) (Scope 2)	155.28	178.01	9.38	tCO2e	1555.42%
Total Scope 2 energy from purchase of electricity, heat, steam and cooling purchased for own use, and transport	3079847.89	3138658.82	2600888.14	kWh Gross	
Total Scope 2 emissions from purchase of electricity, heat, steam and cooling purchased for own use, and transport	638.10	649.83	667.90	tCO2e	4.46%
Total Scope 1 and 2 energy consumption used to calculate above emissions ONLY	7117306.46	6634116.07	9170799.80	kWh	
Total Scope 1 and 2 emissions from energy consumption used to calculate above emissions ONLY	1469.96	1361.78	2221.07	tCO2e	33.82%
Emissions from employee business travel in vehicles for which the company does not own or control (Scope 3)**	473.32	390.79	481.14	tCO2e	
Turnover/Revenue	257.84	228.43	164.29	£million	
Total number of staff based at the sites (Full Time Equivalents)	815	779	566	people	

*On-site EV chargers, kWh has been deducted from this figure (which was 37286.8 kWh)

**employee own car business miles, train, plane, ferry and overnight hotel stay.

Green = Reduction / Red = Increase

Intensity Ratio

	Intensity Ratios	2024	2023	2019 (Base)
Intensity Ratio 1:	tCO2e (Total gross Scope 1 and 2 Carbon Dioxide emissions) over	5.70	5.96	13.52

Brief Comments on the Above Figures

In 2024, our Scope 1 and 2 Transport was (575.55 tCO₂e) which is 39.15% of the year's total Scope 1 and 2. It is clear that gas usage is also a large source of our tCO₂e and reducing this usage by installing modern, more efficient equipment, would lower the total Scope 1 emissions figures. Our objectives set last year have reduced our natural gas tCO₂e, from 379 in 2019 to 324 in 2022, but unfortunately in 2023 this rose to 408, and rose again to 411 tCO₂e in 2024, which will be investigated. Further work on lowering, preferably removing a large part of this usage is required over forthcoming years to aid our overall reduction target, and this will be done by decarbonising our main UK Distribution Centre in Sheffield over the next 2+ years (before 2030).

Similarly, purchased electricity amounted to 658.52 tCO₂e (2576370 kWh) in 2019 and 482.82 tCO₂e (2331912.60 kWh) in 2024, up 11 tCO₂e on the 2023 figures. The on-site work around LED lighting, Building Management Systems and setting back AHUs over weekends and nights, hasn't contributed to a significant reduction. The Solar Project install should mean we purchase 22% (estimated) less annual electricity at our Unit 8 Head Office site, but our electricity use would then rise as we decarbonise the Distribution Centre moving from gas to electricity. This 'move' needs mapping and planning – to understand what the result in our figures could be.

By publishing our Energy Policy, B. Braun has committed to an ambitious target to cut its Scope 1 and 2 emissions by 50% over the next 6 years (by the end of 2030), supporting our customers such as the NHS on its path to achieving Net Zero (influence). We are aware that by just moving from fossil fuels (Scope 1) to electricity (Scope 2) does not solve the energy use problem (with the knowledge we purchase renewable electricity), nor necessarily the associated (gross) emissions. We will need to look elsewhere for further efficiencies/improvements to reach this target, such as the decarbonisation of our DC project and more solar.

Looking Forward

B. Braun Medical Ltd has committed to reducing its Scope 1 and 2 emissions by 50% by the end of 2030, supporting the NHS on its path to achieving Net Zero by 2045.

Our Roadmap for Carbon Reduction Activities

In support of our commitment to reductions in Scope 1 and 2 emissions, B. Braun Medical Ltd will also commit to the following:

- Continue to purchase 100% renewable electricity
- Reviewed and where required, update our Energy Policy
- Continue to only allow company cars choice to be battery EVs, Plug-in's
- Allow petrol/diesel company car users to switch earlier than their 4-year term
- Install solar panels on our Distribution Centre's roof – cutting our electricity purchase by approximately 20% of our total kWh
- Scope-out work for the Distribution Centre (warehouse) plant room upgrade, reducing/removing use of gas

Our Completed Carbon Reduction Activities in 2024

- Our Company Car Policy continues to only offer Plug-in Hybrids and battery EVs
- We continued to allow our company car drivers to switch to the above before the end of their 4-year term, from a fossil fuelled vehicle
- We continued to find and replace any non-LED lighting, with LED, within our buildings
- We completed upgrades of our BMS controllers and associated software
- We installed further EV chargers on site – to encourage employees to switch to BEV/PHEV cars
- We finalised plans to install Solar panels at our Sheffield site in 2025

Review – Monitoring and Measurement

B. Braun Medical Ltd will review its energy policy, commitments, targets, plans and projects annually through the local STG, and where our policy, targets and plans need to change, these will be done so via board approval/knowledge.

Responsible Persons for Targets

Mr Michael Parden – Managing Director | Craig Cannings – Finance Director | The Sustainability Technical Group (STG)