CARLETON MEDICAL LTD

Carbon Reduction Plan

Supplier name: Carleton Medical Ltd (company number 06614929)
Publication date: 24 August 2026
Reporting period: 1 August 2024 – 31 July 2025 (financial year 2024/25)

Commitment to Achieving Net Zero

Carleton Medical Ltd is committed to achieving Net Zero emissions by 2045, in line with the NHS target for its wider supply chain.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases produced before the introduction of any strategies to reduce emissions. They are the reference point against which emissions reduction is measured.

Baseline year: financial year 2024/25 (1 August 2024 – 31 July 2025)

This Carbon Reduction Plan establishes a new baseline year. A previous plan, published in October 2024, used a 2022 baseline. On review, the reporting boundary applied to that baseline was found to include company vehicles that did not belong to Carleton Medical Ltd, and the emissions attributed to transport were therefore materially overstated. The 2022 baseline could not be substantiated and has been withdrawn.

In accordance with the GHG Protocol Corporate Standard, which requires a base year to be recalculated where a material error or change in reporting boundary is identified, a new baseline has been set for financial year 2024/25. This is the first full reporting year in which the company has occupied its current premises at Newport under its own individually billed energy supply, and is therefore the first year for which metered consumption data is available. Figures in this plan are not directly comparable with those in the withdrawn 2024 plan.

Baseline year emissions: FY 2024/25

EMISSIONS	TOTAL (tCO2e)
Scope 1	22.0
Scope 2	2.8
Scope 3 (Included Sources)	4.6
Total Emissions	**29.4**

Table 1: FY 2024/25 baseline year emissions

Emissions by Source

The table below sets out baseline year emissions by individual source, to identify where the company's emissions are concentrated and where reduction effort is best directed.

SOURCE	SCOPE	tCO2e	% OF TOTAL
Company vehicles	1	22.0	74.7%
Purchased electricity	2	2.8	9.5%
Business travel	3	2.2	7.5%
Upstream and downstream transportation	3	2.0	6.8%
Water treatment and supply	3	0.4	1.4%
Waste generated in operations	3	0.04	0.1%
Total		**29.4**	**100%**

Table 2: FY 2024/25 emissions by source

Transport accounts for approximately three quarters of the company's total footprint. Carleton Medical operates four company vehicles, used by two field service engineers and two sales staff covering hospital and clinic sites across the United Kingdom. The nature of the business — the installation, commissioning and maintenance of surgical laser systems on customer premises — means that road travel is intrinsic to the service provided, and it is the area in which reduction effort will deliver the greatest benefit.

Emissions Reduction Targets

To advance progress towards achieving Net Zero, the following carbon reduction targets have been set:

- Achieve Net Zero by 2045, in line with the NHS target.
- Reduce total emissions by 30% against the FY 2024/25 baseline by the end of financial year 2030/31, equivalent to approximately 20.6 tCO2e.

The projected reduction trajectory is shown below.

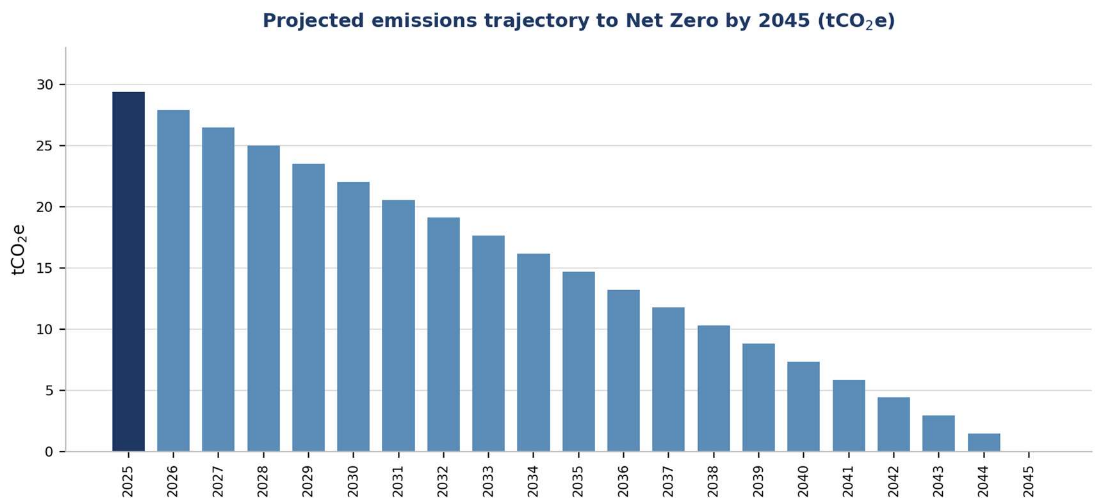

Figure 1: Projected total carbon emissions, FY 2024/25 to 2045

Carbon Reduction Projects

Completed carbon reduction initiatives

The company was previously located in a shared landlord building in Chesham, Buckinghamshire, where energy charges were incorporated into the landlord agreement and the business had limited control over building operations and no visibility of its own consumption. The relocation to the current premises at Newport has given the business direct control over its energy use, supported by individual billing for electricity to enable monitoring of consumption and the measurement of reduction measures. The reporting of metered rather than apportioned energy data in this plan is a direct result of that change.

For waste generated from operations, mixed dry recyclables are segregated from non-recyclables.

Planned carbon reduction initiatives

The following measures are planned, and are expected to deliver the reductions projected above:

- Fleet transition. Company vehicles account for approximately three quarters of total emissions and are therefore the company's principal reduction lever. As each of the four vehicles reaches the end of its current replacement cycle, it will be assessed for replacement with a battery electric vehicle, with plug-in hybrid vehicles retained only where operational requirements make a fully electric vehicle unsuitable.
- Charging infrastructure. Electric vehicle charging is available at the Newport premises. Charging capacity will be reviewed as the fleet transitions, to ensure vehicles can be charged on site rather than en route.
- Route and visit planning. Service and sales visits will be planned to reduce unnecessary mileage, including the grouping of customer visits by geography and the use of remote diagnostics and telephone support where a site attendance is not required.
- Renewable electricity. The company will move its electricity supply to a contracted tariff backed by Renewable Energy Guarantees of Origin at the next available opportunity.
- Energy efficiency at the Newport premises. Now that consumption is individually metered, lighting, heating and equipment use will be reviewed to identify efficiency measures, including the replacement of remaining non-LED lighting.
- Supplier engagement. The company will engage its manufacturing partners to obtain product-level emissions data, with the aim of extending reporting to further Scope 3 categories in future years.

Methodology and Data Sources

This Carbon Reduction Plan has been prepared in accordance with PPN 006 (formerly PPN 06/21) and the associated reporting standard for Carbon Reduction Plans. Emissions have been calculated using the UK Government greenhouse gas reporting conversion factors and reported in accordance with the GHG Protocol Corporate Standard. The reporting boundary covers the United Kingdom operations of Carleton Medical Ltd, comprising a single site at Newport and four company vehicles. The Newport premises have no gas supply and are heated electrically; Scope 1 emissions therefore arise solely from company vehicle fuel consumption.

The following data sources and estimates have been used. Purchased electricity is based on supplier consumption data for the reporting period. Company vehicle emissions are based on recorded annual mileage per vehicle, applied to the appropriate Government conversion factor for each vehicle type; fuel consumption data has been used where available. Business travel, upstream and downstream transportation, water and waste are based on reasonable estimates derived from operational activity, where actual figures were not available. PPN 006 permits the use of reasonable estimates in these circumstances, and the company will work to replace estimated figures with measured data in subsequent reporting years.

Employee commuting is reported within Scope 1, rather than separately under Scope 3. All four employees are provided with company vehicles, and commuting mileage is therefore captured within the reported company vehicle fuel consumption. Reporting it again under Scope 3 would result in double counting.

Scope 3 Categories Not Reported

Carleton Medical Ltd reports the Scope 3 categories required under PPN 006. Of the remaining categories in the GHG Protocol Corporate Value Chain (Scope 3) Standard, upstream and downstream leased assets, processing of sold products, franchises and investments are not applicable to the company's operations. Purchased goods and services, capital goods, and fuel- and energy-related activities are relevant but are not currently quantified, as supplier-specific and spend-based data of sufficient quality is not yet held. Use of sold products and end-of-life treatment of sold products are recognised as material to a distributor of electrical medical equipment; these are not currently quantified, as the necessary product-level data is held by the original equipment manufacturers, and the company will engage its manufacturing partners with a view to including these categories in future reporting.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 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 standard, and use the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements for non-quoted companies, 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.

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

Signed on behalf of Carleton Medical Ltd

Signature: Nick Fitzryk
Name: Nick Fitzryk
Position: Managing Director
Date: 24 August 2026

This plan will be reviewed and republished annually.