Beagle Orthopaedic

Carbon Reduction Plan for UK PPN 006

Supplier Name: Beagle Orthopaedic

Publication Date: 21/09/2026

COMMITMENT TO ACHIEVING NET ZERO

Beagle Orthopaedic is committed to achieving Net Zero greenhouse gas (GHG) emissions by 2050, for Scope 1, 2 and Scope 3.

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 emission reductions can be measured.

Baseline Year: April 2023 - March 2024

Additional details relating to the baseline emissions calculations:

Beagle Orthopaedic's carbon footprint baseline measurement was calculated for the period starting on the 1st April 2023 and ending on the 31st March 2024. The reporting boundary covers Beagle Orthopaedic's UK operations, comprising its head office and two manufacturing units. Emissions have been consolidated using the operational control approach.

The accompanying report focused on Scope 1 emissions (direct emissions) and Scope 2 emissions (indirect emissions) and the baseline of Scope 3 (indirect, value chain emissions) emitted by Beagle Orthopaedic. The data was provided by Beagle Orthopaedic and calculated by 5D Sustainability in accordance with the UK Government Greenhouse Gas (GHG) Conversion Factors for Company Reporting

The report provided a baseline from which Beagle Orthopaedic can plan, adapt and focus its operations to negate and offset all greenhouse gas emissions. The measurements below have been rounded to the nearest hundredth decimal place.

Baseline Year Emissions:

EMISSIONS	TOTAL (tCO_2e)
Scope 1	26.45 tCO2e, which included:
Stationary Combustion (Fuels)	- 15.64 tCO2e *
Refrigerants	- 0.00 tCO2e
Mobile Combustion (Vehicles)	- 10.81 tCO2e
Scope 2	19.41 tCO2e
UK Electricity (location-based)	- 19.41 tCO2e
Scope 3	219.26 tCO2e, which included:
Upstream Distribution	- 125.73 tCO2e
Waste Disposal	- 1.06 tCO2e
Water (Supply & Treatment)	- 0.37 tCO2e
Business Travel	- 27.06 tCO2e
Commuter Miles	- 64.78 tCO2e
Home Working	- 0.25 tCO2e
Downstream Distribution	- No sources identified**
Total Emissions	265.12 tCO2e

** Recalculated from the previous report to reflect natural gas consumption rather than biomethane, providing a more representative emissions figure and a consistent basis for year-on-year comparison.*

*** Distribution emissions previously reported as downstream distribution have been reclassified as upstream distribution following a review of the categorisation of distribution activities. This provides a more accurate representation of emissions and ensures consistency with GHG Protocol reporting requirements.*

CURRENT EMISSIONS FOOTPRINT

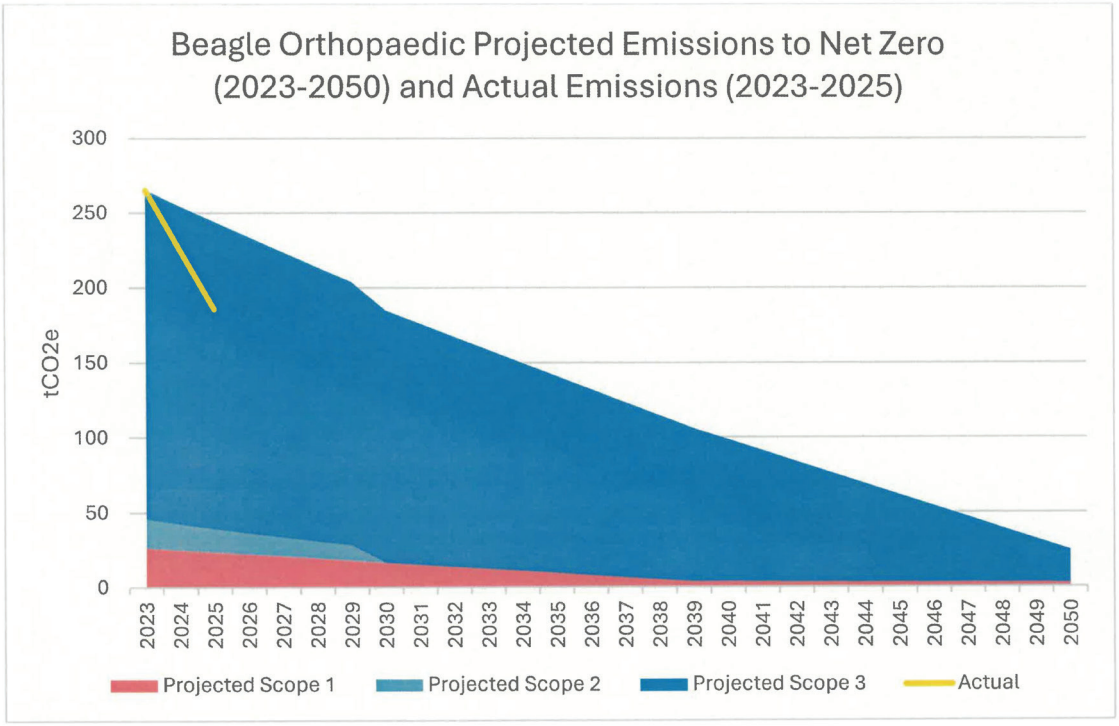
Reporting Year: April 2025 - March 2026	
EMISSIONS	TOTAL (tCO_2e)
Scope 1	48.52 tCO2e, which included:
Stationary Combustion (Fuels)	- 21.66 tCO2e
Refrigerants	- 0.51 tCO2e
Mobile Combustion (Vehicles)	- 26.35 tCO2e
Scope 2	19.65 tCO_2e
UK Electricity (location-based)	- 19.65 tCO_2e
Scope 3	117.14 tCO_2e, which included:
Upstream Distribution	- 43.98 tCO_2e
Waste Disposal	- 0.22 tCO_2e
Water (use and treatment)	- 0.32 tCO_2e
Business Travel	- 23.19 tCO_2e
Hotel Stays	- 1.94 tCO_2e
Commuter Miles	- 47.24 tCO_2e
Homeworking	- 0.24 tCO_2e
Downstream Distribution	- No sources identified
Total Emissions	185.31 tCO2e

EMISSIONS REDUCTION TARGETS

To achieve Net Zero, Beagle Orthopaedic has set the following carbon reduction targets:

- Decrease Scope 1 and 2 carbon emissions by 80% by 2039.
- Achieve Net Zero across Scope 1, 2 and 3 emissions by 2050, representing a reduction of approximately 90% from the baseline

In order to continue our progress to achieving net zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next five years to 184.63 tCO2e. This is a reduction of 30% since the baseline.



CARBON REDUCTION PROJECTS

COMPLETED CARBON REDUCTION INITIATIVES

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these schemes equates to 79.81 tCO2e, a 30% reduction against the 2023-24 baseline and the measures will be in effect when performing the contract.

- Introduction of one electric vehicle (EV) and one hybrid vehicle into the company fleet.
- Improved waste segregation across operations, particularly within Unit 2, including the expansion of dry mixed recycling and food waste recycling.
- Introduction of a battery recycling scheme and employee book swap initiative to promote environmental awareness and engagement.
- Ongoing review of product and packaging materials to reduce material usage, with a particular focus on cardboard packaging and assessing the environmental performance of paper versus plastic bags.

FUTURE CARBON REDUCTION INITIATIVES

In the future we hope to implement further measures such as:

- Continue reviewing product and packaging materials to reduce weight, thereby lowering both material consumption and distribution-related emissions.
- Transition both units to renewable electricity tariffs where feasible.
- Introduce heating timers and smart controls to improve energy efficiency.
- Install water-saving aerators to reduce water consumption.
- Establish an employee Green Team to encourage engagement and sustainability initiatives across multiple departments.
- Trial an electric van when the current vehicle reaches the end of its lease or replacement cycle.
- Expand Scope 3 data collection and reporting to include additional material categories, particularly Capital Goods and Purchased Goods and Services, to improve the completeness of the carbon footprint and help identify further emissions reduction opportunities across the supply chain.

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[13] and uses the appropriate government emission conversion factors for greenhouse gas company reporting. [14]

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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.[15]

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

Signed On Behalf of The Supplier: .....

Date: 21.9.26

[13] https://ghgprotocol.org/corporate-standard

[14] www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

[15] https://ghgprotocol.org/standards/scope-3-standard