

Carbon Reduction Plan

Executive Summary

DB Orthodontics is committed to achieving Net Zero greenhouse gas emissions by 2050 in line with UK Government policy and Procurement Policy Note (PPN) 06/21. We have aligned our intentions to become recognised as a net zero company through our public commitment with SME Climate Hub.

As an organisation, we recognise the importance of reducing emissions and will continue to drive improvements across our operations and supply chain. DB Orthodontics is committed to integrating sustainable development into everyday practice by minimising environmental impact wherever possible.

Baseline Emissions

The baseline emissions are a record of the greenhouse gases produced in the calendar year 2022. The baseline emissions are the first full year with complete and auditable carbon data covering Scopes 1, 2 and selected Scope 3 categories. These baseline emissions are a reference point against which all future emission reductions are measured.

Baseline Year: 01 January 2022 – 31 December 2022	
Baseline year emissions:	
Emissions	Total tCO ₂ e
Scope 1	11.86
Scope 2	20.09
Scope 3	37.08
Total Emissions	69.03

Current Emissions Reporting

Reporting Year: 01 January 2025 – 31 December 2025	
Baseline year emissions:	
Emissions	Total tCO ₂ e
Scope 1	12.04
Scope 2	11.19
Scope 3	80.25
Total Emissions	103.48

Greenhouse gas emissions, reductions of greenhouse gas emissions and removals of greenhouse gas from the atmosphere have been measured in tonnes of carbon dioxide equivalent (tCO₂e) using the appropriate conversion factors published by Department for Business, Energy & Industrial Strategy (BEIS) June 2025.

A “tonne of carbon dioxide equivalent” means one metric tonne of carbon dioxide or an amount of any other greenhouse gas with an equivalent global warming potential.

The following Scope 3 categories have been included in the reporting (as required by PPN 06/21):

- Business travel
- Employee commuting
- Waste generated in operations
- Transportation of goods (upstream and downstream where data available)
- Purchased goods and services

Since the baseline year, there have been significant reductions in Scope 2 emissions and slight increase in Scope 1 emissions. However, it should be noted that a significant increase has occurred in the reported Scope 3 emissions. This is due to obtaining higher quality data on our emissions, which in turn, aids reduction and progress measurement.

Emissions reduction targets

To continue our journey to achieving Net Zero, we have adopted the following Carbon Reduction Targets.

- Reduce Scope 1 & 2 emissions by 20% by 2030 against the 2022 baseline
- Reduce total Scope 3 emissions per unit of freighted goods by 10% by 2030.
- Achieve 100% renewable electricity by 2040.
- Achieve zero waste to landfill by 2035.

Completed Carbon Reduction Measures (since 2022 baseline)

To date, the following measures have contributed to emissions reductions:

Energy & Buildings:

- Installation of a Solar PV array
- EV charging points available to all staff onsite
- Incorporation of timers and controls for HVAC
- Transition of LED lighting and timer controls throughout the warehouse areas

Operations & Waste

- Increased recycling of packaging materials
- Reduction of single use plastics

Digital Processes

- Encouraged remote meetings to reduce business travel

Transport & People

- Implemented a bike-to-work scheme
- Encouraged lower-carbon commuting

These initiatives have collectively improved operational efficiency and contributed to measurable emissions savings.

Carbon Reduction Initiatives

Over the next five to ten years, we plan to implement further measures which will continue to drive down emissions. We are considering several initiatives and those listed below are some examples of areas we aim to work towards:

- Continuously work to collect the highest quality, primary data on our emissions.
- Work with suppliers to understand their own emissions and encourage them to set their own carbon reductions targets.

- Expand upon and/or install battery storage for solar PV. This will enable us to generate more electricity and store excess daytime generation to reduce grid reliance.
- Develop a low carbon courier procurement policy with preference for couriers using EV fleets or carbon neutral delivery.
- Promote and support sustainable commuting for all employees.
- Increase staff awareness of carbon initiatives by developing area specific training such as carbon literacy and sustainable procurement.
- Scope 3 expansion year-on-year

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 factors for greenhouse gas company reporting².

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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the Directors.

Signed on behalf of DB Orthodontics:



Victoria Coppack, Director

Date: April 2026

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

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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