

CARBON REDUCTION PLAN



October 2024

This Carbon Reduction Plan complies with the UK Public Procurement Notice (PPN) 06/21 and associated guidance for Carbon Reduction Plans.

Carbon Reduction Plan

Supplier name: DEBx Medical

Publication date: 10/10/2024

Commitment to achieving Net Zero

DEBx Medical is committed to achieving Net Zero emissions by 2050.

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: 2024

Baseline year emissions

Emissions	Total (tCO2e)
Scope 1	2 tCO2e
Scope 2	4.35 tCO2e
Scope 3	121.69 tCO2e
Total Emissions	128.04 tCO2e

Current Emissions Reporting

As this is our first year of comprehensive emissions reporting, our baseline and current emissions are the same.

Reporting Year: 2024

Emissions	Total (tCO2e)
Scope 1	2 tCO2e
Scope 2	4.35 tCO2e
Scope 3	121.69 tCO2e
Total Emissions	128.04 tCO2e

Emissions reduction targets

We recognise that as our business scales up, our emissions reduction strategy may require revisions in upcoming reporting periods to accommodate changes in our business activities and organisational structure. In the short term, this growth may lead to an increase in carbon emissions. However, we remain committed to our goal of reducing carbon emissions by 15% by 2029.

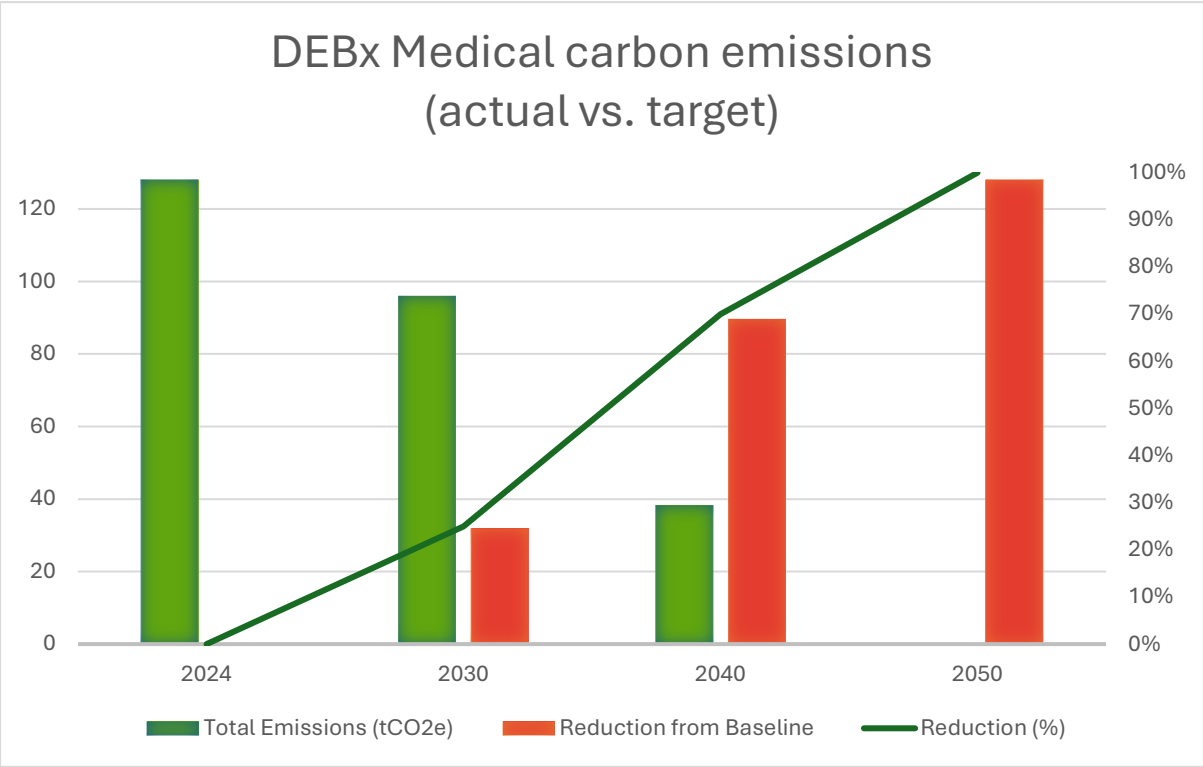
To continue our progress towards achieving Net Zero, we have adopted the following carbon reduction targets:

We project that, despite potential short-term increases due to business expansion, carbon emissions will decrease over the next five years to 108.83 tCO2e by 2029. This represents a 15% reduction from our current levels. This target is based on our analysis of potential efficiency improvements and the impact of our planned carbon reduction initiatives.

Year	Total Emissions (tCO2e)	Reduction from Baseline	Reduction (%)
2024	128.04 tCO2e	0 tCO2e	0%
2030	96.03 tCO2e	32.01 tCO2e	25%
2040	38.41 tCO2e	89.63 tCO2e	70%
2050	0 tCO2e	128.04 tCO2e	100%

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



Carbon Reduction Projects

Reported and Unreported Carbon Reduction Initiatives 2024–26

Since our 2024 baseline, DEBx Medical will undertake significant steps to reduce our carbon emissions across Scopes 1, 2, and 3.

Scope 1: Direct Emissions

1. Fleet Modernisation

- We have begun transitioning our company vehicle fleet by introducing one electric vehicle and one hybrid vehicle. This shift reduces direct emissions from fuel consumption.

Scope 2 Emissions:

Due to our current office arrangements, we have limited control over our Scope 2 emissions. However, we will continue to monitor these and seek opportunities for reduction where possible.

Scope 3: Other Indirect Emissions

Category 5: Waste Generated in Operations

1. Waste Reduction Strategies

- Will reduce material usage in packaging by switching to recyclable and biodegradable materials where possible, considering regulatory requirements such as MDR.

Category 6: Business Travel

While our primary focus is on reducing our direct emissions, we recognise that some business travel may be unavoidable in the short term. As an interim measure, while we work on more fundamental reductions, we are exploring the use of high-quality carbon offset programs for necessary business flights. However, we understand that offsetting is not a long-term solution, and our ultimate goal is to minimise our actual emissions through operational changes and technological advancements.

1. Virtual Collaboration

- Will increase the use of video conferencing tools to minimise the need for business travel where possible.

2. Carbon Offset Programs

- We will invest in carbon reduction programs to compensate for the emissions from necessary travel. Specifically, DEBx commits to purchasing carbon offsets for each business flight taken. This measure is projected to significantly contribute to our goal of 15% reduction in emissions by 2029.

3. Sustainable Travel Practices

- Continue to prioritise train travel for short distances.

Category 7: Employee Commuting

1. Flexible Work Arrangements

- Adopted a hybrid working model where employees work approximately 50% of their time from home, reducing the need for daily commuting.

2. Green Commuting Incentives

- Continue to motivate employees to use public transport for their commutes. All employees are provided with public transport cards. This initiative encourages the use of low-emission transportation for commuting.

Future Carbon Reduction Initiatives

To further our commitment to achieving Net Zero emissions by 2050, we plan to implement the following measures:

Scope 1: Direct Emissions

1. **Transition to Fully Electric Fleet**
 - Aim to replace all company vehicles with electric models by 2030 to eliminate direct emissions from our fleet.

Scope 3: Other Indirect Emissions

Category 1: Purchased Goods and Services

1. **Supplier Engagement Programme**
 - Aim to collaborate with our suppliers in the long term to encourage and assist them in reducing their carbon footprints, working towards a more sustainable supply chain.

Category 2: Capital Goods

1. **Low-Carbon Investments**
 - Evaluate the carbon impact of new equipment and infrastructure, opting for low-carbon alternatives where feasible.

Category 6: Business Travel

1. **Emissions Reduction Target**
 - As our company grows, we will continue to invest in carbon compensation programs to offset emissions from necessary business travel.

Monitoring and Reporting

We are committed to transparent monitoring and reporting of our progress:

- **Annual Emissions Reporting**
 - We will continue to measure and report our greenhouse gas emissions annually, adhering to recognised standards.
- **Progress Reviews**
 - Regularly review our carbon reduction strategies to ensure they are effective and adjust them as necessary.

- **Stakeholder Engagement**

- Keep our employees, customers, and partners informed about our initiatives and progress, fostering a culture of sustainability.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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 uses 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, and the required subset of Scope 3 emissions has 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 DEBx Medical:

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Bert Quint, CEO
Date: 10/9/2024

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