

SEFAM Medical Ltd – Carbon Reduction Plan

Carbon Reduction Plan

Supplier name: Sefam Medical LTD

Publication date: 1st October 2024

Sefam Medical LTD is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline Year: 1st January 2023-2024	
Additional Details relating to the Baseline Emissions calculations.	
This is the first time that Sefam UK has reported CO2 baseline emissions for the year 1 st January 2023 to the 1 st January 2024.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	12.3
Scope 2	11.7
Scope 3 (Included Sources)	530.3
Total Emissions	554.26

Current Emissions Reporting will commence on the 1st January 2025

Reporting Year: 2025-2026	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	To be added after the 1 st of January 2025
Scope 2	To be added after the 1 st of January 2025
Scope 3 (Included Sources)	To be added after the 1 st of January 2025
Total Emissions	To be added after the 1 st of January 2025

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Emissions reduction targets

Sefam UK have adopted the following Carbon reduction targets in order to continue our progress to achieving Net Zero in 2050.

Reduction Targets

- **Scope 1:** Aim for a 20% reduction by adopting cleaner transportation policies e.g. lower emission vehicles and enhancing operational efficiency.
- **Scope 2:** Aim to target up to a 25% reduction through improved efficiencies including renewable energy adoption.
- **Scope 3:** Aim for a 15% reduction by engaging with supply chain partners and optimising logistics.

Continuous Monitoring and Adjustment

- Establish a system/framework to monitor emissions reductions in real time commencing on the 1st January 2025.
- Adjust strategies each year based on performance data and new technologies.

We estimate that carbon emissions will decrease over the next five years to 110.85 tCO₂e by 2030 which is a reduction of 20% over the period.

When we have 2025 Carbon Reduction data, we will report this in graphical form.

Carbon Reduction Projects

Intended Carbon reduction initiatives are outlined below in our 5-year Carbon reduction emission plan.

Five-Year Carbon Emissions Reduction Plan

Year 1: Establish a Baseline and Implement Quick Wins

1. Conduct Energy Audits:

- Perform audits to identify areas for energy savings in heating, cooling, and lighting.
- Install LED lighting and smart thermostats for immediate improvements.

2. Employee Engagement:

- Implement awareness programmes to promote energy-saving behaviours among staff.

3. Focus on Scope 3:

- Identify significant sources of Scope 3 emissions, particularly within the supply chain, and initiate sustainability discussions with suppliers.

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Year 2: Make Strategic Investments

1. Adopt Renewable Energy:

- Explore on-site renewable energy solutions.
- Transition to green energy suppliers where possible to reduce Scope 2 emissions.

2. Transition Fleet Vehicles:

- More clean energy company vehicles which could include electric or hybrid models to decrease Scope 1 emissions.

3. Collaborate with Suppliers:

- Collaborate with suppliers to adopt more sustainable practices, potentially reducing Scope 3 emissions.

Year 3: Expand and Optimise

1. Upgrade Technology:

- Consider and adopt investing in more energy-efficient equipment and technology upgrades throughout the business.

2. Enhance Recycling and Waste Reduction:

- Implement recycling programmes and partnerships for responsible waste disposal.

3. Innovate Product Design:

- Apply sustainable design principles to reduce material usage and minimise waste where possible.

Year 4: Scale Up Initiatives

1. Implement Large-Scale Projects:

- Explore further renewable energy projects, these could include measure such as larger solar installations where appropriate.
- Consider increasing renewable energy usage as the energy market clean energy power purchase agreements (PPAs).

2. Use Advanced Analytics:

- Utilise data analytics to optimise logistics and reduce transport-related Scope 3 emissions.

Year 5: Consolidate and Review

1. Optimise Operations:

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- Ensure all operations align with sustainable practices, including procurement, production, and logistics.

2. Invest in Carbon Offsetting:

- Support credible carbon offsetting initiatives to mitigate any remaining emissions.

3. Review Progress and Report Publicly:

- Assess the achievements against the five-year targets.
- Publish a comprehensive sustainability report to share successes and future objectives.

Declaration and Sign Off

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 board of directors (or equivalent management body).

Signed on behalf of the Supplier:



Michael McEwan – Managing Director Sefam Medical LTD

Date: 2nd October 2024

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>