

Carbon Reduction Plan for Sai Medical Solutions Ltd.

Sai Medical Solutions Ltd is committed to achieving Net Zero emissions by 2048 .

As an SME, the team at Sai Medical Solutions Ltd. Would like to be part of the climate change management solution and support the NHS in the ambition to become net zero health service.

Sai Medical Solutions Ltd. have not previously calculated and published any carbon emission calculations, we therefore choose to look at the most recent year of November 2024 for our baseline and progressed internal assessment again in October 2024. These calculations have been developed in line with the Cabinet Office's 'Guidance on adopting and applying the PPN 06/21' and the 'Greenhouse Gas Protocol' initiative guidance. Some calculations were completed using the UK Greenhouse gas reporting: conversion factors 2022, Carbon Care .org, and some using the Carbon Footprint's Micro Business Footprint Calculator. The data included in these emissions is for activities taking place in the UK.

Baseline Emission Footprint Vs Current Emission Footprint

Emission Scope	Current Emissions, November 2024(kg, CO₂e)	Current Emissions, October 2025(kg, CO₂e)
Scope 3		
Home Working	1.48	1.46
Employee-Owned Vehicles	0.84	0.78
Public Transport + Hired Cars	0.11	0.10
Hotel	1	1
Flight	5.50	5.50
Upstream Lease Based Asset	NA	NA
Down Stream Transportation & Distribution	3.30	3.33
Total	12.33	12.17
** Generated from renewable sources	NA	NA

* Includes WTT

The scope 3 emissions include as a minimum.

Upstream transportation and distribution

Waste generated in operations.

Business Travel

Downstream transportation & distribution

(Any omissions or further information is documented in additional details about our emissions and targets box below)

All employees are working from home, don't use the office space hence the Scope 1 and Scope 2 are baselined as zero.

Carbon Reduction: Projected Vs Actual

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 new years to 1.25 tCO₂e by 2045 this is reduction of 90% based on our current consumption. If the company's operation grows, then the plan will be updated accordingly with aim to meet 90% reduction retrospectively and aim at taking it net zero by 2048.

<p>CRP Plan</p> <p>The graph plots Target Emission (solid line with circles) and Actual Emission (dashed line with circles) against the year. The y-axis ranges from 0 to 14, and the x-axis ranges from 2020 to 2050. Both lines start at approximately 12.5 in 2020 and 2025, then decline to about 10.5 in 2030, 8.5 in 2035, 6.0 in 2040, 1.5 in 2045, and 0.5 in 2050.</p> <table border="1"> <thead> <tr> <th>Year</th><th>Target Emission</th><th>Actual Emission</th></tr> </thead> <tbody> <tr><td>2020</td><td>12.5</td><td>12.5</td></tr> <tr><td>2025</td><td>12.5</td><td>12.5</td></tr> <tr><td>2030</td><td>10.5</td><td>10.5</td></tr> <tr><td>2035</td><td>8.5</td><td>8.5</td></tr> <tr><td>2040</td><td>6.0</td><td>6.0</td></tr> <tr><td>2045</td><td>1.5</td><td>1.5</td></tr> <tr><td>2050</td><td>0.5</td><td>0.5</td></tr> </tbody> </table>		Year	Target Emission	Actual Emission	2020	12.5	12.5	2025	12.5	12.5	2030	10.5	10.5	2035	8.5	8.5	2040	6.0	6.0	2045	1.5	1.5	2050	0.5	0.5
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Additional Details About our Emissions & Targets																									
Year	Comments																								
2022, 2023	<p>Employee Commuting – 0 as the company has no activities in this area. Home working has been included as this one of the business main activities – manufacturing of items is carried out from manufacturing unit in China, shipped to the UK, and then shipped to customer immediately.</p> <p>In Feb -2026 warehouse will be rented and respective carbon emission will be added to the revised plan.</p>																								
Carbon Reduction Projects: <p>Following environmental management measures and projects are in progress or have been completed since 2022 baseline.</p>																									
Action In Progress:																									
Electricity – Lighting & General use Target Completion date – 01/12/2025	<p>Objective – As of now most of the operations are carried out as working from home. Therefore the organisation will use energy saving with regards to consumption of electric energy, turn off equipment when not in use.</p> <p>Target – Energy Saving.</p> <p>Action, Improvement & Control:</p> <p>All lighting to be changed to LED based lights to reduce the energy consumption, use screen savers for laptops activated all the time. Completely turn off the laptops / desktops when not in use to save the energy consumption.</p>																								
Business Milage (Private Vehicle)																									
Target Completion Date: 01/06/2026	<p>Objective – To record and monitor the milage.</p> <p>Target – To reduce business milage where possible.</p> <p>Action, Improvement & Control:</p> <p>Use public transport where possible, encourage for virtual meetings where in person presence is not required.</p> <p>Ensure Car is serviced on yearly basis and review CO2 emission of the car when replacing the car.</p>																								
Completed Actions																									
Not applicable for the current reporting period.																									

Declaration & Sign Off

This carbon reduction plan has been completed in accordance with PPN 06/21 and the 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 1 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting 2.

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.

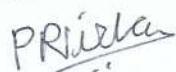
This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Prashant Virkar

Director

Name

Title



31/10/2025

Signed on behalf of Supplier.

Date

The methodology used to calculate the organisation's greenhouse gas emissions in this report is based on:
<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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>