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. Overall

Sai Medical Solutions Ltd. have previously calculated and published carbon emission calculations in November 2024 which are considered as baseline for current CRP plan in October 2025 and progressed internal assessment again in October 2025. 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

	Base Line	**Current**
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

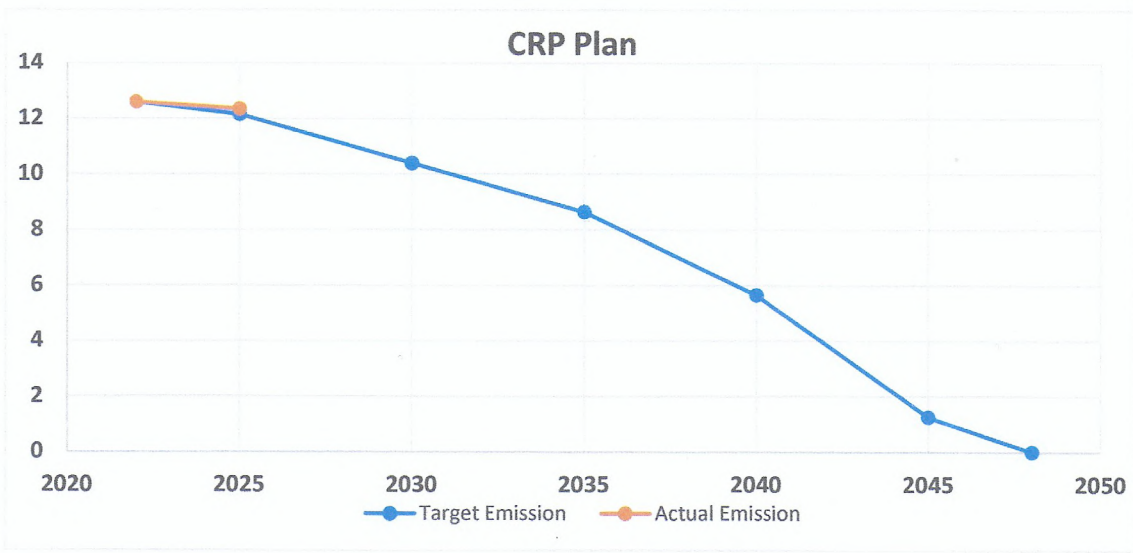
* Includes WTT

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.



Additional Details About our Emissions & Targets	
Year	**Comments**
2022, 2023	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. In Feb -2026 warehouse will be rented and respective carbon emission will be added to the revised plan.

Carbon Reduction Projects:

Following environmental management measures and projects are in progress or have been completed since 2022 baseline.

Action In Progress:	
Electricity – Lighting & General use Target Completion date – 01/12/2025	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. Target – Energy Saving. Action, Improvement & Control: • 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. • Lower usage of employee vehicle. The above measure had resulted in savings of 0.16tCO2.
Business Milage (Private Vehicle)	
Target Completion Date: 01/06/2026	Objective – To record and monitor the milage. Target – To reduce business milage where possible. Action, Improvement & Control: Use public transport where possible, encourage for virtual meetings where in person presence is not required. Ensure Car is serviced on yearly basis and review CO2 emission of the car when replacing the car.
Completed Actions	Not applicable for the current reporting period.

Further Action Plan till 2030	By 2030 we are aiming to reduce the (kg, CO2e) by 1.67 to achieve overall emission of 10.5 (kg, CO2e). In the future we hope to implement further measures such as to achieve the Carbon Reduction Targets till 2030: - Introduction of electric company vehicles - Stop the use of air freight to ship our products - Plant trees in our green space Overall 90% Carbon Reduction is planned to be achieved by 2045 and NetZero Carbon Emission is aimed to be achieved by 2048.

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 GHC 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
PRVirkar	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