

Stirling Medical and Scientific Carbon Reduction Plan

Publication date: 29th July 2024

Commitment to achieving Net Zero

Stirling Medical Limited is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
<p>Stirling Medical Limited have engaged a professional carbon accounting and decarbonisation specialist, Auditel, to help accurately report all required emissions based on activity data. The data collection and calculation process has highlighted gaps in some historic data which is being rectified.</p> <p>All Scope 1 & 2 calculations use evidenced actual data of either volumetric measures (litres consumed of fuel in vehicles/kg of LPG) or kWh in the case of electricity supply.</p> <p>Some areas of Scope 3 emissions calculations, most notably Upstream and Downstream Transport and Distribution, use some estimated data. A future focus is to ensure better supplier engagement and a subsequent improvement in Scope 3 data quality.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	107.29 tCO₂e
Scope 2	25.74 tCO₂e
Scope 3 (Included Sources)	3.1 Purchased Goods & Services – 0.04 tCO₂e 3.3 Fuel & Energy Related Activities – 92.81 tCO₂e 3.4 Upstream Transport & Distribution – 61.64 tCO₂e 3.5 Waste from Operations – 52.22 tCO₂e 3.6 Business Travel – 55.25 tCO₂e 3.7 Employee Commuting & Homeworking – 30.55 tCO₂e 3.9 Downstream Transport & Distribution – 85.94 tCO₂e Total Scope 3 - 378.45 tCO₂e
Total Emissions	511.48 tCO₂e

Current Emissions Reporting

Reporting Year: 2023 (Baseline)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	107.29 tCO ₂ e
Scope 2	25.74 tCO ₂ e
Scope 3 (Included Sources)	3.1 Purchased Goods & Services – 0.04 tCO ₂ e 3.3 Fuel & Energy Related Activities – 92.81 tCO ₂ e 3.4 Upstream Transport & Distribution – 61.64 tCO ₂ e 3.5 Waste from Operations – 52.22 tCO ₂ e 3.6 Business Travel – 55.25 tCO ₂ e 3.7 Employee Commuting & Homeworking – 30.55 tCO ₂ e 3.9 Downstream Transport & Distribution – 85.94 tCO ₂ e Total Scope 3 - 378.45 tCO₂e
Total Emissions	511.48 tCO₂e

Our second Carbon Footprint Report for 2025 is currently being prepared in conjunction with Auditel.

Science Based Targets Reduction Targets

We have set Science-based carbon emissions reduction targets based upon an absolute reduction cross sector pathway, aligned with Net Zero. Our reduction targets are as follows:

Medium-term reduction targets (2030)

Medium-term reduction targets 2030 – Baseline year 2023				
Scope	2023 emissions tCO ₂ e	2030 target emissions tCO ₂ e	Reduction tCO ₂ e	% reduction
1	107	64	43	40%
2	26	18	8	30%
3	378	303	76	20%
TOTAL REDUCTION	511	385	126	25%

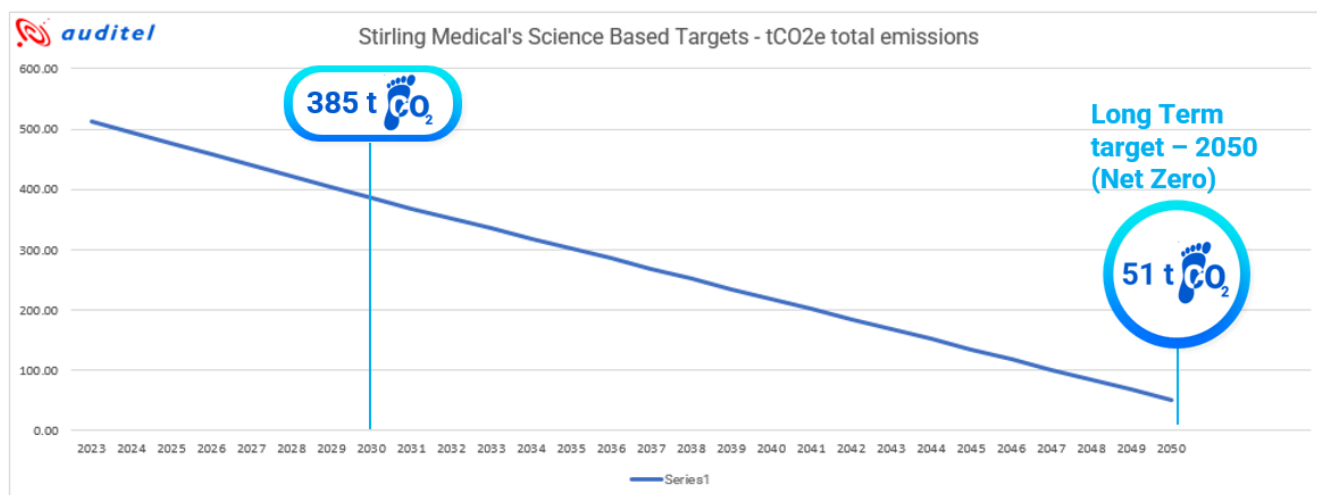
Long-term reduction targets (2050)

Long-term reduction targets 2050 (Net Zero) – Baseline year 2023				
Scope	2023 emissions tCO ₂ e	2050 target emissions tCO ₂ e	Reduction tCO ₂ e	% reduction
1	107	11	97	90%
2	26	3	23	90%
3	378	38	341	90%
TOTAL REDUCTION	511	51	460	90%

Science Based Targets Reduction Targets – Total Emissions

511t CO₂

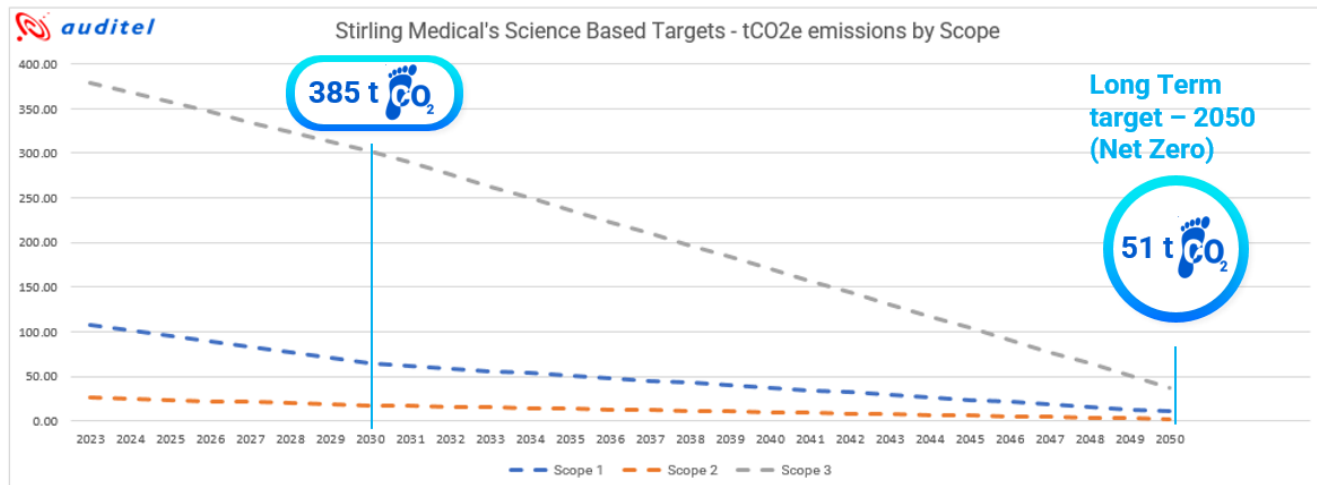
Near Term
target - 2030



Science Based Target Reduction Targets - by Scope

511t CO₂

Near Term
target - 2030



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Stirling Medical and Scientific Limited have undertaken a number of historic environmental projects across the business. We cannot measure and report the impact of those projects as our baseline has only been set from 2023. The carbon emission reduction targeted by these schemes equate to XXX tCO₂e, a XXX%ge reduction against the 2023 baseline and the measures will be in effect when performing the contract

These historic measures include:

- Ensuring we source the most fuel-efficient vehicles on purchase
- Better staff awareness on environmental matters
- Optimising waste management & recycling

In the future we hope to implement further measures such as:

- *The introduction of a cycle to work scheme to lower commuter emissions.*
- *Electric and Hybrid vehicles to lower Scope 1 – mobile combustion emissions.*
- *Improved route planning for delivery of equipment to site to lower upstream transport and distribution emissions.*

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 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 have 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).

John Glass

Director

Date: 22/05/2025