

Carbon Reduction Plan

Publication Date: 24 July 2024

Net Zero Commitment

de Smit Medical is committed to achieving net zero carbon emissions by 2045 for emissions Scopes 1, 2 and 3. The commitment was made on 1 July 2020 by Lyn de Smit, Managing Director.

Baseline Emissions

Baseline Year: 2020

Scope	Emissions (tCO ₂ e)
Scope 1	1.43
Scope 2	12.49
Total	13.92

Baseline Year: 2022

Scope	Emissions (tCO ₂ e)
Scope 3 - Purchased Goods and Services - Fuel and Energy Related Activities - Upstream Transportation and Distribution - Waste - Business Travel - Commute - Downstream Transport and Distribution	1,159.00
Total	1,159.00

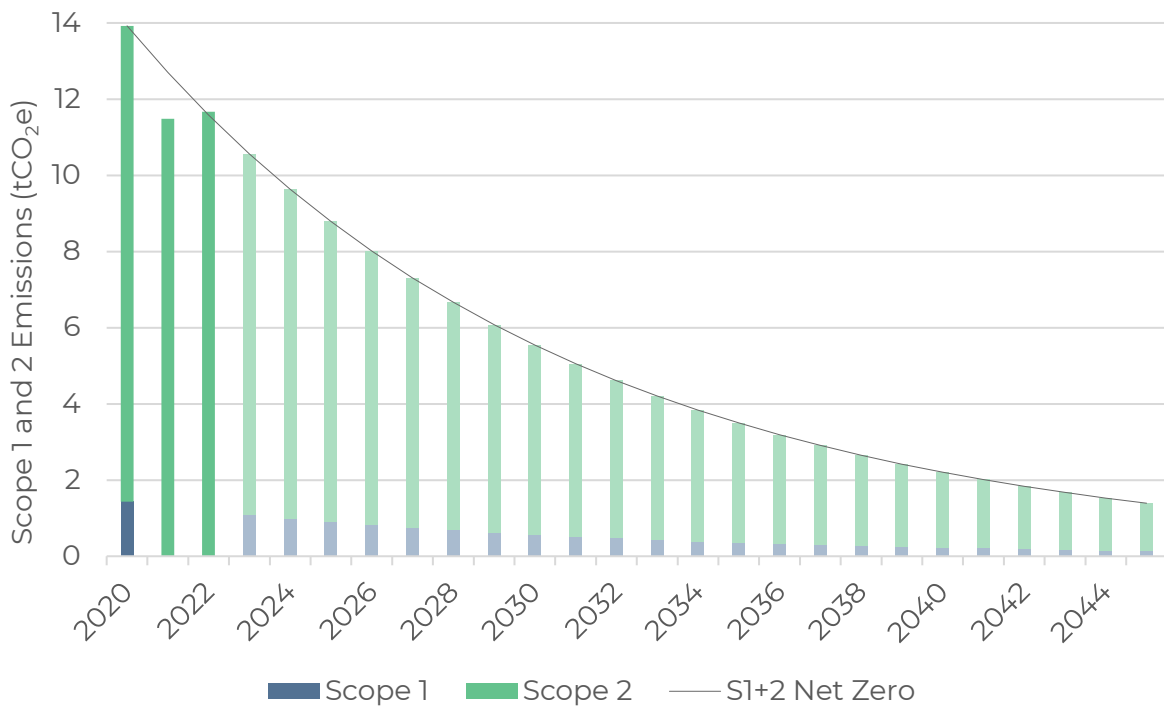
Current Emissions

Reporting Year: 2022

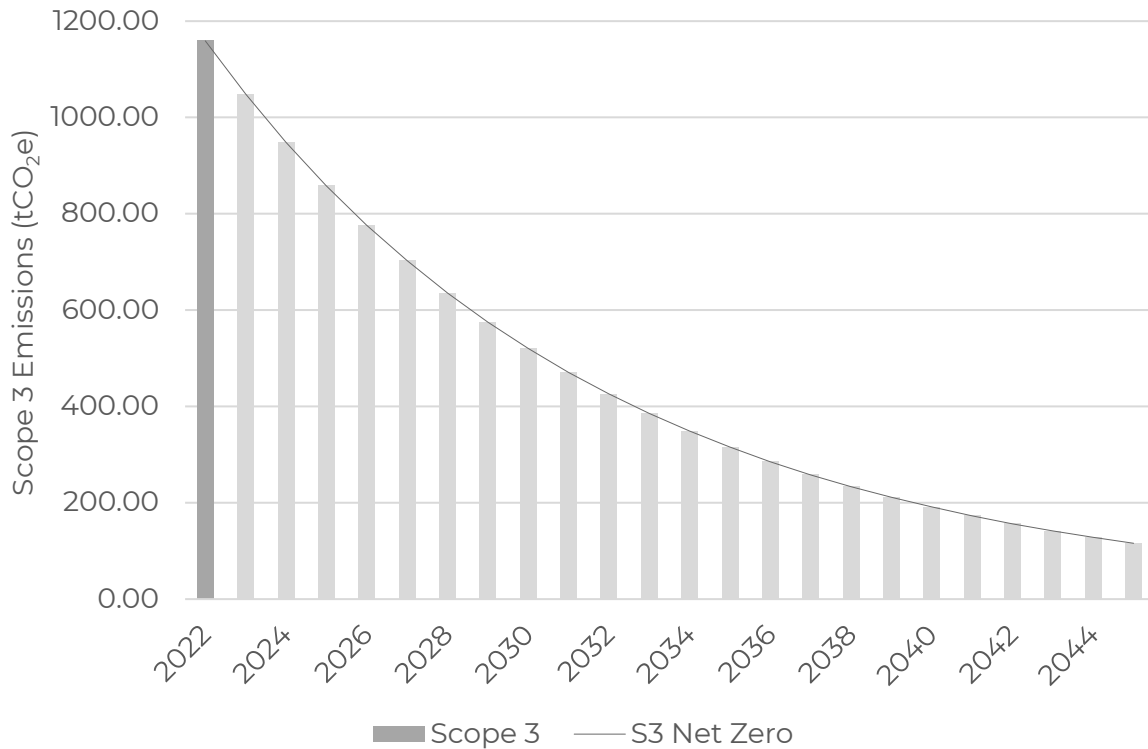
Scope	Emissions (tCO ₂ e)
Scope 1	-
Scope 2	11.67
Scope 3	1,159.00
<ul style="list-style-type: none"> - Purchased Goods and Services - Fuel and Energy Related Activities - Upstream Transportation and Distribution - Waste - Business Travel - Commute - Downstream Transport and Distribution 	
Total	1,170.67

Reduction Targets

Scope 1 and 2: To ensure the ambition of net zero 2045 is being met, a reduction of 60% from 2020 baseline is required by 2030.



Scope 3: To ensure the ambition of net zero 2045 is being met, a reduction of 55% from 2022 baseline is required by 2030.



Carbon Reduction Projects

A number of decarbonisation interventions have already been implemented to reduce the environmental impact of business activities:

- 107.61 tCO₂e are offset through Carbon Neutral Britain, neutralising Scope 1, 2 and some Scope 3 impact.
- Light fittings have been upgraded to LEDs.
- Motion sensors have been installed in areas of infrequent use.
- A 17.85 kWp solar array has been installed, alongside eight 2.56 kWh batteries.
- Night storage heaters have been upgraded to more efficient electric heaters.
- Smart meters have been installed to track electricity consumption
- An EV charger has been installed on-site.
- A comprehensive emission analysis has been undertaken to understand indirect Scope 3 impact.

To encourage continued reduction in emissions and achievement of decarbonisation targets, the following actions will be implemented:

Short Term

- Sleep timers will be set on office equipment to enter an 'eco mode' after a set period of inactivity.
- Solar film will be installed to reduce the need for active cooling.
- Staff vehicle types and mileage will be recorded alongside public transport use when expense claims are made.
- A questionnaire will be developed to engage with the supply chain and determine supplier-specific carbon intensities, increasing the accuracy of supply chain analysis.
- Data collection processes will be set up to more accurately capture and measure deliveries, including weights, vehicle types and distances travelled
- Continue to measure carbon emissions and track progress towards net zero targets.

Long Term

- Determine the feasibility of providing facilities to promote low-carbon travel and commute, including showers, bike storage and more EV charging points.
- Upgrade roof insulation to improve building heat efficiency.
- Explore an alternative to air freight of purchased equipment.
- Commitment to working with suppliers who are actively reducing their environmental impact.

Declaration and Sign-off

The 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 standards for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and use the appropriated 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.

Signed on behalf of de Smit Medical:

Name: 

Date: 24 July 2024



de Smit Medical is working with Future Leap to meet net-zero targets
Future Leap is an organisation supporting businesses in accelerating sustainability