

Carbon Reduction Plan

Publication Date: 1 March 2025

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 1/07/2020 by Lyn de Smit, Managing Director.

Baseline Emissions

Scope 1 and 2 Baseline Year: 2021

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

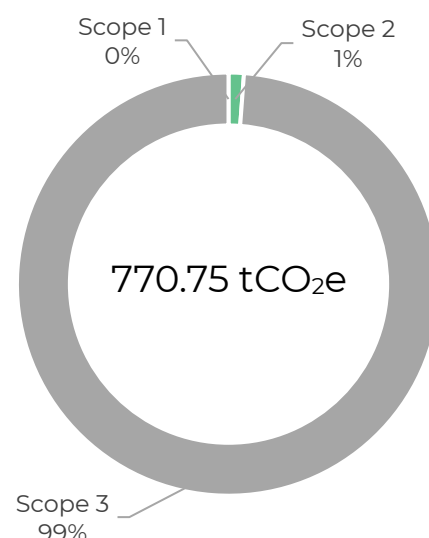
Scope 3 Baseline Year: 2023

Scope	Emissions (tCO ₂ e)
Scope 3	945.20
- Purchased Goods and Services	
- Fuel and Energy Related Activities	
- Upstream Transportation and Distribution	
- Waste	
- Business Travel	
- Commute	
- Downstream Transport and Distribution	945.20
Total	945.20

Current Emissions

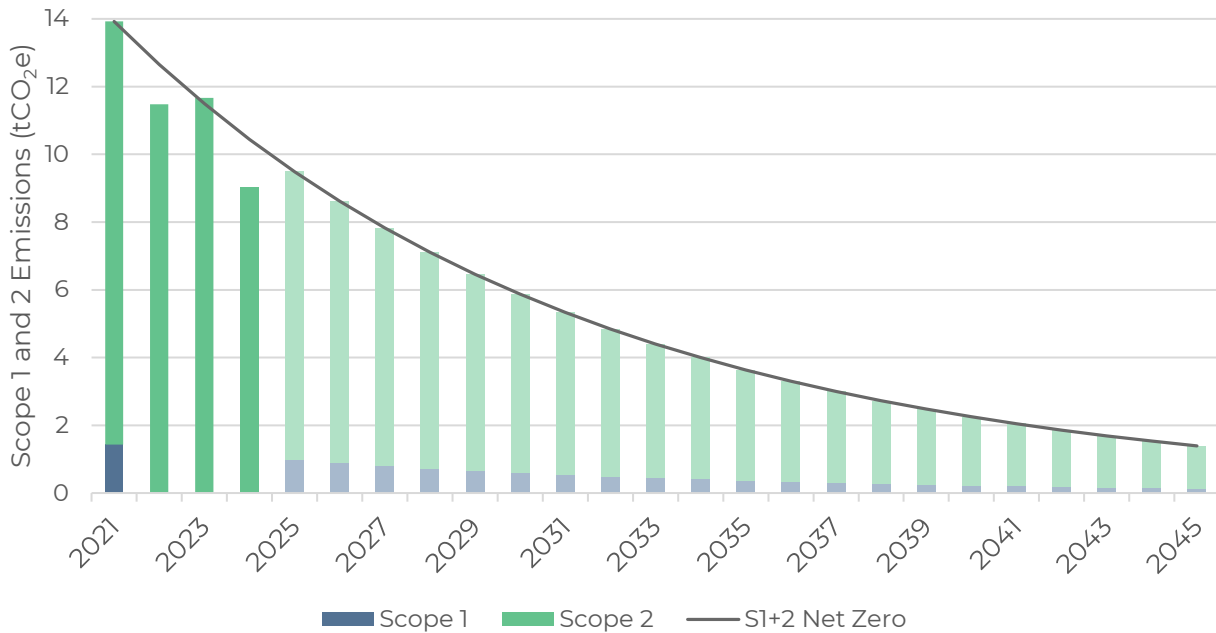
Reporting Year: 2024

Scope	Emissions (tCO ₂ e)
Scope 1	-
Scope 2	9.02
Scope 3	761.73
- Purchased Goods and Services	
- Fuel and Energy Related Activities	
- Upstream Transportation and Distribution	
- Waste	
- Business Travel	
- Commute	
- Downstream Transport and Distribution	770.75
Total	770.75

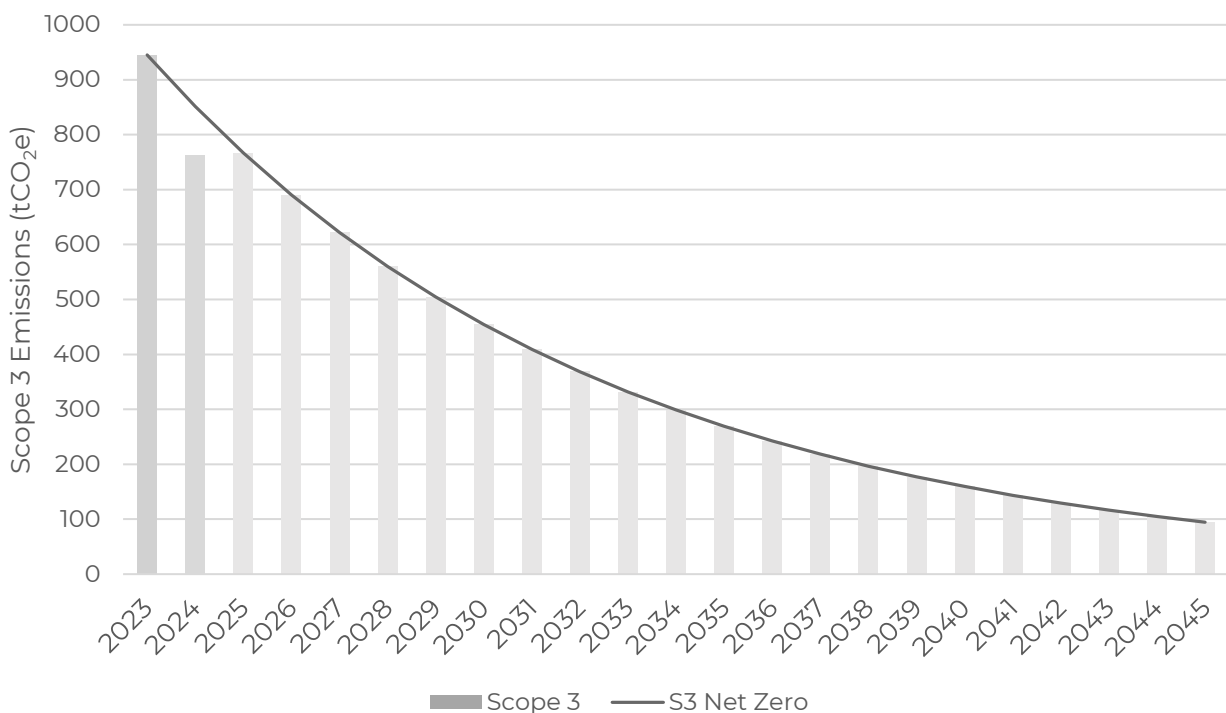


Reduction Targets

Scope 1 and 2: To ensure the ambition of net zero 2045 is being met, a reduction of 58% from 2021 baseline is required by 2030. To date, Scope 1 and 2 emissions have reduced by 35%, with a further 35% reduction required by 2030.



Scope 3: To ensure the ambition of net zero 2045 is being met, a reduction of 52% from the 2023 baseline is required by 2030. A 19.4% reduction was seen from 2023 to 2024.



Carbon Reduction Projects

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

- The direct impact of organisational activities is neutralised through supporting Gold Standard Carbon Reduction projects
- Light fittings have been upgraded to LEDs with motion sensors installed in areas of infrequent use
- A 17.85 kW solar array has been installed alongside eight 2.56 kWh batteries, saving 4.26 tCO₂e
- 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 time-bound decarbonisation action list has been developed, highlighting all possible carbon reduction opportunities
- Staff vehicle types and mileage are recorded alongside public transport use when expense claims are made to improve calculation accuracy

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

Short Term

- Solar film will be installed to reduce the need for active cooling
- All electricity will be supplied through credible renewable sources
- The waste collection provider will be contacted to determine the fate of the waste
- New Sales Team recruits will be encouraged to lease low-emission vehicles
- 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 in and out, 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 only 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 uses 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: Lyn de Smit, Managing Director

Date: 1 March 2025