

Carbon Reduction Plan



Supplier name: Intersurgical Ltd

Publication date: 18th November 2024

Commitment to achieving Net Zero

We are committed to minimising the environmental impacts of the company's products, activities and services and to continually review and reduce our carbon emissions, with an aim to achieve Net Zero by 2045.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2022

Additional Details relating to the Baseline Emissions calculations.

Intersurgical have collected emission data in accordance with the Streamline Energy and Carbon Reporting (SECR) requirement, and appear within our financial report. Scope 1 and 2 UK emissions reported within this Carbon Reduction Plan are in accordance to the SECR legislation and have been verified by a government approved 3rd party.

Intersurgical have also included the required subset of scope 3 emissions for our UK baseline emission calculations, but intend to extend the scope of our calculations to conduct a full footprint assessment in accordance with the Greenhouse Gas Protocol in the future.

The 5 subset categories included within our UK baseline emissions include:

- Upstream Transportation and Distribution
- Waste Generated in Operations
- Business Travel
- Employee Commuting
- Downstream Transportation and Distribution

Moving forward we plan to continue implementing more enhanced recording strategies to use more accurate emission calculation methods, including moving towards using more fuel based methods or distance based methods and away from spend based methods.

Baseline year emissions:

EMISSIONS: TOTAL (tCO₂e)

Scope 1: 1305 tCO₂e

Scope 2: 1265 tCO₂e

Scope 3: (Included Sources)

Upstream Transportation and Distribution (inbound & outbound logistics) = 1148 tCO₂e

Waste Generated in Operations = 7 tCO₂e

Business Travel = 17 tCO₂e

Employee Commuting = 72 tCO₂e

Downstream Transportation and Distribution = 0 tCO₂e

Total Scope 3 = 1244 tCO₂e

Total Emissions: 3813 tCO₂e

Current Emissions Reporting

Reporting Year: 2023

EMISSIONS: TOTAL (tCO₂e)

Scope 1: 1240 tCO₂e

Scope 2: 932 tCO₂e

Scope 3: (Included Sources)

Upstream Transportation and Distribution (inbound & outbound logistics) = 1014 tCO₂e

Waste Generated in Operations = 5 tCO₂e

Business Travel = 14 tCO₂e

Employee Commuting = 46 tCO₂e

Downstream Transportation and Distribution = 0 tCO₂e

Total Scope 3 = 1080 tCO₂e

Total Emissions: 3251 tCO₂e

We are pleased to announce that we have successfully reduced our scope 1 and 2 emissions by 13% from 2022 to 2023, along with a 16% reduction in our scope 3 emissions. These reductions are attributed to enhanced efficiency in our manufacturing processes and the closure of our Guernsey Site.

Notably, our efforts have resulted in increased productivity with less energy consumption. Last year, despite manufacturing more, our electricity usage per machine hour decreased significantly from 0.03 tCO₂e to 0.02 tCO₂e.

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

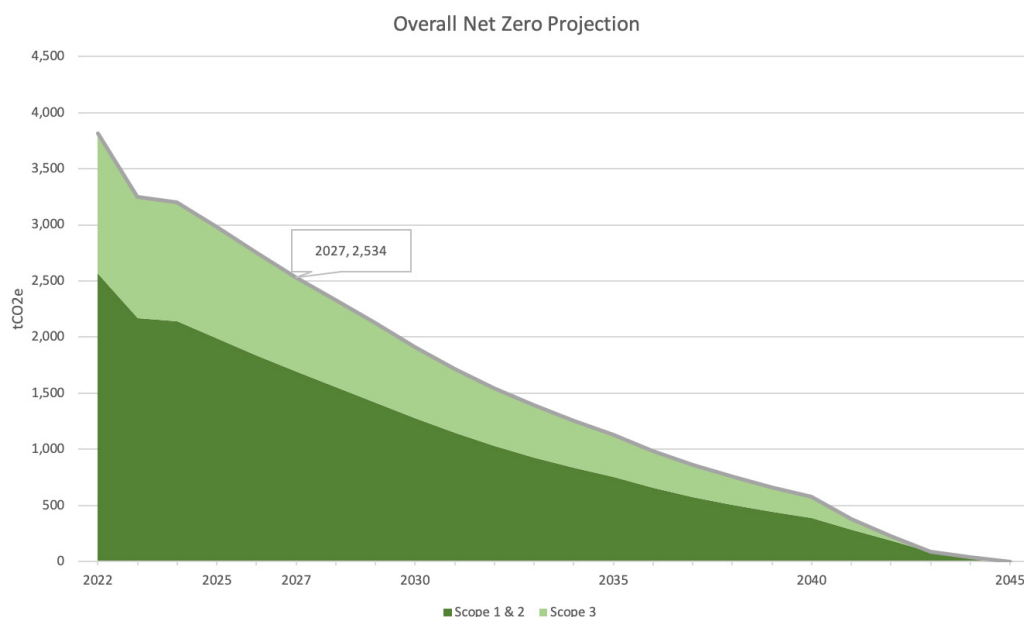
We will reduce our Scope 1, 2 and 3 emissions to achieve Net Zero by 2045 and will establish and implement interim targets to ensure sufficient progress is made.

We project that Scope 1, 2 and 3 emissions (with the current subset) will decrease over the next four years to 2534 tCO₂e by 2027. This is a reduction of 34%, not accounting for any material changes in the nature or the size of the business.

We will continue to review and update our emission targets where applicable and relevant, including when new scope 3 categories are added to our reporting.

In order to accomplish the commitments outlined in our Environmental Policy, Intersurgical has implemented an Environmental Management System, and is certified to the international standard ISO14001.

Projected progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives:

The following environmental management measures and projects have been completed or implemented prior to the 2022 baseline.

Intersurgical have been compliant with ISO14001 since 2006, and have since transitioned to the new ISO14001:2015 standard.

As a manufacturer and supplier of a wide range of medical devices for respiratory support, Intersurgical recognises that an Environmental Management System (EMS) is an important aspect for our business, helping to improve the way we work and brings a number of significant benefits. These benefits include the reduction of the company's environmental impacts, the creation and maintenance of safer working environments, the promotion of greater environmental awareness amongst employees and an improved focus on compliance with environmental legislation.

As part of our Environmental Management System we have implemented the following measures to reduce company emissions:

- Adopted LED lighting across Head Office
- Our Head Office and our largest manufacturing facility in Lithuania continues to use 100% renewably sourced electricity
- Developed recycling schemes across our sites
- Implemented energy efficient air conditioning systems across Head Office, maximising efficiency
- Installed electric vehicle car charging points at Head Office to promote the use of efficient vehicles to staff and visitors

- Aligning with 'Zero Waste to Landfill' strategies, all of our general waste is sent to an 'Energy from Waste' facility. This diverted 64 tCO₂e during 2022 and 86 tCO₂e during 2023 from our waste being sent to landfill
- Increased the use of SCADA software across manufacturing lines to monitor efficiency within production and to monitor waste generate in operations
- Reduce unnecessary transport between manufacturing sites, shipping directly from our suppliers to reduce double handling
Encourage the use of video conference to reduce travelling between meetings
- We continually review our existing product ranges and their environmental impact with an aim to improve them. Examples include the removal of the hook ring from our range of anaesthetic face masks, the provision of kits, and the reduction of packaging

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

- Increase the number of electric vehicles within our company fleet
- Provide further education for all staff members on Net Zero and Intersurgical's responsibilities fighting the climate crisis
- Continue internal communication supporting the education on Net Zero, Carbon emissions and the environment to encourage behaviour change within the business
- Develop external communications for key stakeholders on Intersurgical's plan on reaching Net Zero, and how we are adapting our products and services to support the delivery of our Carbon Reduction Plan
- Provide Carbon Literacy training to all relevant staff
- Engage with Intersurgical's value chain to gain insights into scope 3 emissions
- Engaging with initiatives like the Science Based targets initiative and Race to Net Zero to allow for public statements for commitment to achieving Net Zero to be projected
- Review the process and explore the possibilities of transitioning to the use of BioGas as well as renewable energy production (e.g. solar panels) at Head Office
- Develop carbon footprinting and Lifecycle Analysis' for all of Intersurgical's products
- Consider labelling our products with recycling information to instil the importance of recycling within all non-clinical settings
- Identification of reputable carbon removal schemes following all possible reduction strategies have been utilised

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).

Signed on behalf of the Supplier:

Date: 18th November 2024



Charles Bellm
Managing Director

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The manufacturer Intersurgical Ltd is certified to
ISO 14001:2015, ISO 9001:2015, ISO 13485:2016 and MDSAP

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