

Carbon Reduction Plan

Supplier name: Intersurgical Ltd

Publication date: April 2023

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.

We are currently working to develop this Carbon Reduction Plan further, to include Intersurgical's Scope 3 emission data. As further knowledge of Intersurgical's carbon emissions are obtained, we aim to work progressively in moving this target date forward.

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.

Scope 1 and 2 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 is soon to launch its engagement with its supply chain and therefore do not have accurate data at this stage to report Scope 3 emissions. Due to this, an emissions figure of 0tCO₂e has to be given at this stage in order to provide the most accurate data. Despite this, Scope 3 data within this Carbon reduction Plan will be maintained and updated when Scope 3 data is available.

Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1305
Scope 2	890
Scope 3 (Included Sources)	0
Total Emissions	2195

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1305
Scope 2	890
Scope 3 (Included Sources)	0
Total Emissions	2195

Emissions reduction targets

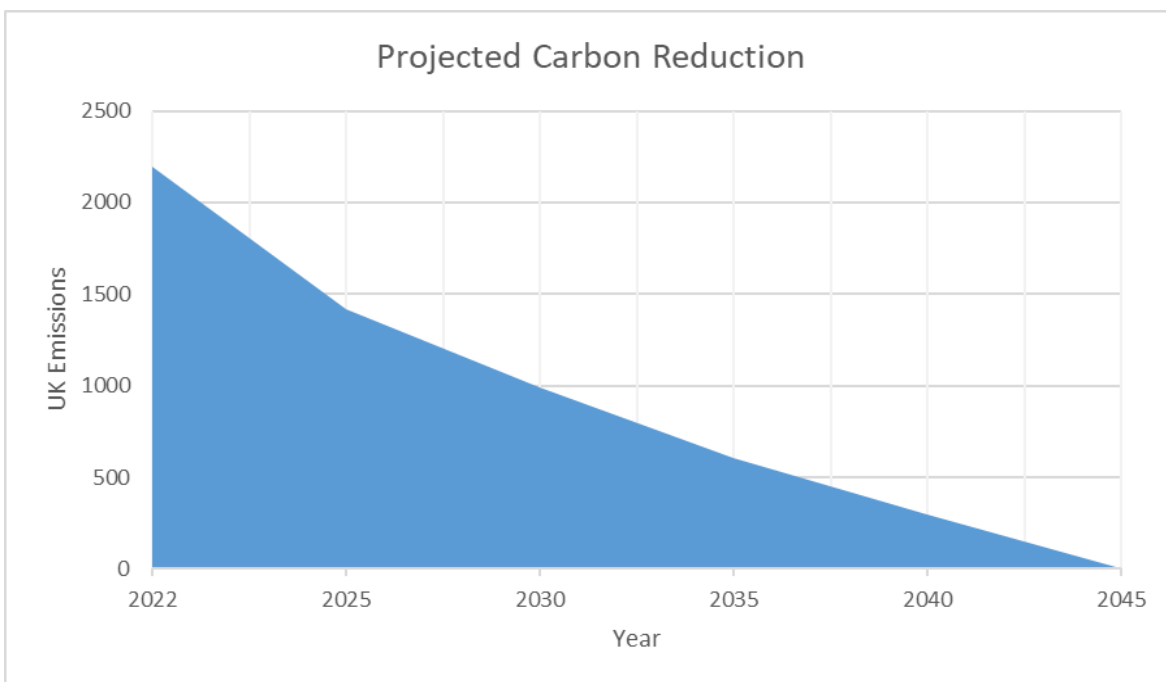
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

Intersurgical is committed to reach Net Zero by 2045.

We project that Scope 1 and 2 emissions will decrease over the next five years to 1427tCO₂e by 2027. This is a reduction of 35%, not accounting for any material changes in the nature or the size of the business.

Scope 3 targets will be materialised as data becomes available and our contribution to global carbon emissions is understood.

Projected progress against these targets can be identified 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.

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 of 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.

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

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

- Adopted LED lighting across Headquarters and UK manufacturing sites.
- Our Headquarters continues to use 100% renewably sourced electricity.
- Developed a recycling scheme across Headquarters and UK manufacturing sites.
- During 2022 we saved 10tCO₂e through recycling at our Headquarters, which constituted on average of 67% plastic, 28% paper and 5% wood.
- Implemented energy efficient air conditioning systems across Headquarters and UK manufacturing sites, maximising efficiency.
- Installed electric vehicle car charging points at Headquarters to promote the use of efficient vehicles to staff and visitors.
- Align with 'Zero Waste to Landfill' strategies, where all of our general waste is sent to an 'Energy from Waste' facility.
- Ensure that all excess Sodalime is reintroduced into the manufacturing process to reduce waste.
- Developed a range of Eco products that provide a lower environmental impact, these have undergone Lifecycle analysis to provide customers with comparative data to enable evidence based purchasing decisions to be made.
- 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.
- Environmental considerations for new development projects and existing product enhancements are reviewed and addressed at varying stages of the product development cycle.
- Design and develop products, considering carbon emissions, environmental aspects and impacts throughout the lifecycle of the product.

- 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.
- We are constantly aiming to improve both our carbon emissions and environmental performance within our manufacturing sites. We are actively reducing our environmental impact by investing in state of the art energy saving equipment throughout the business.
- We evaluate all new suppliers and service providers to check their environmental credentials,
- When obtaining and evaluating quotations for capital equipment, consideration are paid to the energy rating of the equipment, the servicing requirements with regard to frequency of service period, resultant disposal of oils, gases and other contaminants, and the nature of consumables used with the equipment.
- Our Company Car Policy guides users towards environmentally efficient vehicles within the fleet. Users are encouraged to choose model options with the most efficient environmental credentials Hybrid based technology. When purchasing cars, consideration is also given to emission levels, service interval rates and extended mileage for renewal, as well as overall mpg figures relative to Worldwide Harmonised Light Vehicle Test Procedure guidelines.

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

- As electric vehicle battery technology advances we aim to convert more vehicles over to full EV within the fleet.
- Provide 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) across Intersurgical Headquarters.
- To extend carbon footprinting and Lifecycle Analysis' for all of Intersurgical's product ranges.
- 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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions will be, when available, 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).

Signed on behalf of the Supplier:



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Date: 30/3/2023

CHARLES BELLUM
MANAGING DIRECTOR

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>