

Carbon Reduction Plan



Supplier name: Intersurgical Ltd
Publication date: 31st March 2025

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 produced in the past, prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction is measured.

Additional details relating to the emission calculations

Intersurgical have collected emission data from 30 sites worldwide. Scope 1 and 2 UK emissions reported within this Carbon Reduction Plan are in accordance to the SECR (Streamlined Energy & Carbon Reporting) legislation and have been verified by a government approved 3rd party.

Intersurgical have also included the required subset of scope 3 emissions for our group 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.

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

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

Greenhouse gas emissions by scope	Baseline year	Current reporting year
	2022	2024
Scope 1	2,166 tCO ₂ e	2,579 tCO ₂ e
Scope 2 Location based	11,849 tCO ₂ e	12,494 tCO ₂ e
Scope 2 Market based	24,359 tCO ₂ e	7,809 tCO ₂ e
Scope 3.4 Upstream transportation and distribution	8,565 tCO ₂ e	9,501 tCO ₂ e
Scope 3.5 Waste generated in operations	190 tCO ₂ e	134 tCO ₂ e
Scope 3.6 Business travel	2,294 tCO ₂ e	3,158 tCO ₂ e
Scope 3.7 Employee commuting	4,098 tCO ₂ e	4,481 tCO ₂ e
Scope 3.9 Downstream transportation and distribution	84 tCO ₂ e	89 tCO ₂ e
Total Location based	29,248 tCO₂e	32,437 tCO₂e
Total Market based	41,674 tCO₂e	27,662 tCO₂e

Moving forward, we plan to implement more advanced recording strategies to improve the accuracy of our emissions calculations, shifting from spend-based methods to more precise fuel based or distance based approaches.

We are pleased to announce that we have successfully **reduced our scope 2 emissions (market-based) by 68%** from 2022 to 2024. In 2023, to reduce of our environmental impact, our main manufacturing sites began purchasing electricity from only renewable sources. We also made considerable investment and efficiency improvements to our hydroelectric dam, rewarding us with an **impressive 1,278 MWh** of renewable electricity produced. Our head office within the UK, continues to purchase 100% renewable electricity, contributing to our carbon reduction.

Notably, our efforts have resulted in increased productivity with less energy consumption. Between 2022 and 2024, despite our increase in manufacturing, we **emitted less CO₂e per machine hour of operation**. Scope 1 and 2 emissions from our major manufacturing sites reduced per machine hour **decreased significantly by 13%** from 9.8 kgCO₂e in 2022 to 8.5 kgCO₂e in 2024 (location based reporting).

Efficiency across our business resulted in substantially **fewer grams of carbon emitted per € sold**. In 2022 we emitted 90 grams of CO₂e per € sold, whereas in 2024 we emitted 79 grams of CO₂e per € sold (location based reporting). **This is a reduction of 12%**.

Emissions reduction targets

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

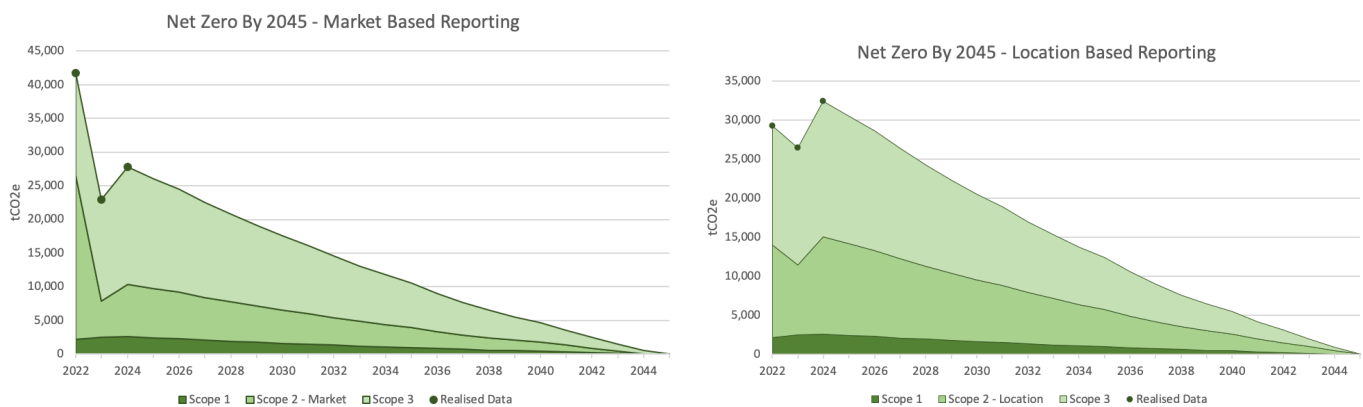
We will reduce our Scope 1, 2 and 3 emissions to achieve net zero by 2045 and will establish and implement interim targets to ensure sufficient progress.

We project that Scope 1, 2 (market-based) and 3 emissions (current subset) will decrease to 22,559 tCO₂e by 2027. This is a reduction of 46% from our 2022 baseline, 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 have implemented an Environmental Management System, and is certified to the international standard ISO14001 at our UK head office and manufacturing site.

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



Carbon Reduction Projects

Completed carbon reduction initiatives:

The following environmental management measures and projects have been completed or implemented.

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 carbon reduction journey we have implemented the following measures to reduce company emissions:

- Our UK head office, and our largest manufacturing facility in Lithuania continues to use **100% renewably sourced electricity**.
- We have on-site renewable energy production in five of our sites worldwide – Pabrade, Lithuania; Dublin, Ireland; Toledo, Spain; Croissy-Beaubourg, France; Sankt-Augustin, Germany. We also have plans to install solar panels at our head office in Wokingham, UK. Globally, Intersurgical owned renewable electricity sources created 1,332 MWh of electricity, **saving 201 tCO₂e** (using location based emission factors).
- Due to waste reduction and landfill diversion strategies, we have successfully **recycled 75% of our global waste** during 2024.
- Increased the use of SCADA software across manufacturing lines to monitor efficiency within production and to monitor waste generate in operations.
- Reduced unnecessary transport between manufacturing sites, shipping directly from our suppliers to reduce double handling.
- Encouraged the use of video conference to reduce travelling between meetings.
- We have continually reviewed 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.
- Engage 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.
- Install solar panels at our extension at our UK 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 after all feasible reduction strategies have been implemented.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance.

Emissions have been reported and recorded in accordance with the GHG Reporting Protocol corporate standards^{1,2} and uses the appropriate Government emission conversion factors³.

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: 31st March 2025



Charles Bellm
Managing Director

References:

1. <https://ghgprotocol.org/corporate-standard>
2. <https://ghgprotocol.org/standards/scope-3-standard>
3. <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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Carbon Reduction Plan • Issue 3 03.25



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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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