

BS Surgical Instruments Ltd Carbon Reduction Plan

*Produced in accordance with PPN 06/21, NHS Net Zero Targets, and UK
Government guidance*



Supplier Name

BS Surgical Instruments Ltd

Publication Date

31/01/2026

Commitment to Achieving Net Zero

BS Surgical Instruments Ltd is committed to achieving **Net Zero emissions for Scope 1 and Scope 2 by 2045**, and **Net Zero for Scope 3 by 2050**, in alignment with NHS requirements and UK Government expectations under PPN 06/21.



Baseline Emissions Footprint

Baseline emissions represent the organisation's greenhouse gas output prior to the implementation of carbon reduction strategies. This baseline is used as the reference point for future reductions.

Baseline Year

January – December 2025

Additional Details

Employee commuting includes remote working. Survey data was extrapolated to represent the full 2025 workforce.

Baseline Emissions (tCO₂e)

Emissions Source	Total (tCO ₂ e)
Scope 1	4.89
Scope 2	5
Scope 3 – Employee Commuting	32.40
Total Scope 3	32.40
Total Emissions	42.29

Current Emissions Reporting

Reporting Year

January – December 2026

Emissions (tCO₂e)

Emissions Source	Total (tCO ₂ e)
Scope 1	Projected – 5
Scope 2	Projected – 5.5
Scope 3 (Estimated/Projected):	
Fuel & Energy-Related Activities	20
Upstream Transportation & Distribution	260
Waste Generated in Operations	3
Business Travel	25
Employee Commuting	35
Downstream Transportation & Distribution	255
Total Scope 3	597
Total Emissions	607.5

Emissions Reduction Targets

BS Surgical Instruments Ltd has adopted the following targets:

Scope 1 & 2 Net Zero by 2045

Scope 3 Net Zero by 2050

30% Reduction by 2035

Short term emissions reduction target set at **30% reduction**, to be achieved by 2035, from peak year of operations – projected to be 2030.

Progress against these targets is monitored annually.

Carbon Reduction Projects – In Progress & Planned

Strategic Commitments

- Net Zero alignment with NHS targets and UK Government PPN 06/21.
- ISO 14001 certification.
- Membership in the Sustainable Healthcare Coalition.
- Carbon Trust accreditation.
- Alignment with UN Sustainable Development Goals.
- Participation in global climate initiatives such as Race to Zero.
- Carbon Literacy training for staff.
- Commitment to 70% renewable electricity (RE100).
- Validation by SBTi
- Recycling approximately **70% of incoming cardboard, paper, and plastic packaging.**
- Replanting trees goal - Maximum
- Shifting from air freight to sea freight, significantly reducing emissions.

Targets & Improvements

- Science-Based Targets aligned with a 1.5°C pathway.
- Expansion of Scope 3 measurement categories.
- GHG reporting aligned with ISO 14064-1:2018.

Supply Chain Commitments

Packaging

- 40 - 60% recyclable packaging.
- Reduced packaging mass and volume by 2035.
- Non-bleached cardboard as standard.
- Clear recycling instructions for customers by 2030.
- Paperless dispatch processes.
- Increased recycling and reduced landfill waste.

Products

- Engineering to reduce material.
- Improved on-site recycling of production waste.
- Replacement of plastics with recyclable alternatives.
- Support for product recycling schemes.

Environmental Remediation

- Continued tree planting (5,000+ target for 2035).
- Removal of plastic waste from oceans.
- Staff volunteering with environmental charities.
- Elimination of bottled water use.
- Sustainability embedded into procurement and supplier selection.
- 100% of Tier 1 suppliers to have ISO 14001 by 2030.
- 100% of Tier 1 suppliers to have a Carbon Reduction Plan by 2030.
- Supplier Net Zero commitments required.

Transportation

- Reduction of fossil fuel use.
- 50% of transportation using renewable energy.
- Reduced air freight.
- Increased use of efficient sea freight.
- Monitoring and optimisation of logistics.

Operations & Fuel Consumption

Operations

- Printing only when necessary; double-sided as default.
- Move toward a zero-paper office environment.
- Renewable energy strategy including solar, wind, and heat pumps.
- Reduction of gas heating.
- Improved insulation and double glazing.
- Equipment shut-down policies.
- Segregated waste streams.
- LED lighting and motion sensors.
- Reduced factory waste and water usage.
- Zonal heating and programmable thermostats.

Fuel Consumption

- Reduced fossil fuel commuting through public transport, cycling, and homeworking.
- Electric company cars and charging infrastructure.
- Reduced domestic and international travel through virtual meetings.
- Switching air/road travel to rail where possible.
- Greener hotel choices.
- Incentives for private EV ownership.

Declaration and Sign-Off

This Carbon Reduction Plan has been prepared in alignment with **PPN 06/21**, the **NHS Net Zero Supplier Roadmap**, and the **GHG Protocol Corporate Standard**. Reporting for **Scope 1 and Scope 2** emissions follows the requirements of **SECR**, and **Scope 3** emissions have been calculated in accordance with the **Corporate Value Chain (Scope 3) Standard** and the mandatory categories set out under PPN 06/21.

Date:

31/01/2026

Signed:



Natasha Khan

Name: Natasha Khan

Position: Director