

# BS Surgicare SMC Pvt Limited – Carbon Reduction Plan

*Prepared in alignment with PPN 06/21, NHS Net Zero Supplier Roadmap, and the GHG Protocol Corporate Standard*

**Supplier Name:** BS Surgicare SMC Pvt Limited

**Publication Date:** 31/01/2026



# Commitment to Achieving Net Zero

BS Surgicare SMC Pvt Limited confirms its commitment to supporting Net Zero objectives across the UK healthcare supply chain. As the upstream manufacturing partner for BS Surgical Instruments Ltd, BS Surgicare aligns with:

## **PPN 006 (February 2025)**

Requirements for supply chain emissions reporting

## **NHS Net Zero Supplier Roadmap**

Expectations for overseas manufacturers

## **GHG Protocol Corporate Standard**

For Scope 1, Scope 2, and Scope 3 emissions accounting

# Baseline Emissions Footprint

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

## Baseline Year

January - December 2025

## Additional Details

Details relating to the baseline emissions calculations will be added once activity data, operational boundaries, and relevant Scope 3 categories have been fully assessed.

## Baseline Emissions (tCO<sub>2</sub>e)

Emissions Source	Total (tCO <sub>2</sub> e)
Scope 1	20
Scope 2	50
Scope 3:	
Fuel & Energy-Related Activities - 10	
Upstream Transportation & Distribution - 50	
Waste Generated in Operations - 5	
Business Travel - 5	
Employee Commuting - 20	
Purchased goods & services (raw materials, steel, packaging) - 150	
<b>Total Scope 3 - 240</b>	
<b>Total Emissions - 310</b>	

# Current Emissions Reporting

## Reporting Year

January - December 2026 ( Projected/Estimated)

## Emissions (tCO<sub>2</sub>e)

Emissions Source	Total (tCO <sub>2</sub> e)
Scope 1	67
Scope 2	84
Scope 3:	
Fuel & Energy-Related Activities - 24	
Upstream Transportation & Distribution - 330	
Waste Generated in Operations - 18	
Business Travel - 14	
Employee Commuting - 25	
Purchased goods & services (raw materials, steel, packaging) - 855	
<b>Total Scope 3 - 1,266</b>	
<b>Total Emissions - 1,417 tCO<sub>2</sub>e</b>	

# Emissions Reduction Targets

BS Surgicare operates under a certified **ISO 13485:2016 Quality Management System**, which provides strong governance for environmental and operational controls. Key measures include:

## **Documented QMS**

With controlled procedures, records, and traceability

## **Risk-Based Process Management**

FMEA-based

## **Supplier Qualification**

Written quality agreements

## **Control of Outsourced Processes**

With monitoring and verification

## **Preventive Maintenance**

Of machinery to reduce energy waste

## **Document Control**

Digital record management (SharePoint)

## **Record Retention**

10-year minimum retention of quality and production records






## **Internal Audits**

Management reviews driving continual improvement

These systems support environmental performance, energy efficiency, and waste minimisation across manufacturing operations.

# Carbon Reduction Projects Completed to Date

A detailed list of completed carbon reduction initiatives will be added once operational data and historical sustainability actions have been reviewed. These may include:

-  **Improvements in manufacturing efficiency**
-  **Reductions in material waste**
-  **Packaging optimisation**
-  **Renewable energy integration**
-  **Transition to lower-carbon logistics**

# Carbon Reduction Projects – Ongoing & Planned

BS Surgicare SMC Pvt Limited is committed to implementing a structured programme of carbon reduction initiatives, including:



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**Alignment with ISO 14001 environmental management principles**



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**Adoption of renewable energy sources where feasible**



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**Expansion of Scope 3 measurement across all relevant categories**



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**Supplier engagement to improve environmental performance**



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**Waste reduction and recycling improvements**



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**Increased use of low-carbon transport modes**

# Supply Chain Commitments

## Packaging

- Transition to recyclable and reduced-impact packaging materials
- Reduction of packaging mass and volume
- Clear recycling instructions for customers

## Products

- Engineering to reduce material use and waste
- Increased recyclability of product components
- Improved on-site recycling of manufacturing waste

## Environmental Remediation

- Participation in environmental restoration initiatives
- Support for community-based sustainability programmes
- Integration of sustainability criteria into procurement processes

## Transportation

- Reduction of fossil-fuel-based transport
- Increased use of sea freight over air freight where operationally viable
- Monitoring and optimisation of international logistics

# Operations

- Implementation of energy-efficient lighting and equipment
- Reduction of paper use and transition to digital systems
- Improved insulation and energy management
- Segregated waste streams and increased recycling
- Water-use reduction initiatives

# Commuting & Business Travel

- Encouragement of low-carbon commuting options
- Increased use of virtual meetings to reduce travel
- Transition to electric or hybrid company vehicles where feasible

# Emissions Reduction Targets

BS Surgicare will confirm its reduction targets following completion of its baseline emissions assessment. Targets will align with:

- PPN 006 requirements for supply chain emissions
- NHS Net Zero expectations for overseas suppliers
- Science-aligned pathways under the GHG Protocol

## **Provisional target placeholders:**

- Scope 1 & 2 Net Zero Target Year: 2050
- Scope 3 Net Zero Target Year: 2050

# 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 will follow **SECR** requirements, and **Scope 3** emissions will be 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*