

CARBON REDUCTION PLAN

Prepared in accordance with PPN 006 (Procurement Policy Note)

Sahajanand Medical Technologies Limited

Sahajanand Estate, Wakharia wadi, Near Dabholi, Ved Road, Surat – 395 004, Gujarat, India

| | |
|-------------------------|---|
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| Reporting Period | FY 2024-25 (Baseline) and FY 2025-26 (Current Reporting Year) |
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1. Net Zero Commitment

Sahajanand Medical Technologies Limited is committed to achieving Net Zero carbon emissions by 2050.

This commitment covers Scope 1, Scope 2, and the material Scope 3 emissions categories identified in Section 2 of this Plan, across the organisational boundary defined below. SMT will report progress annually and will review and republish this Plan at least once a year, or upon any material change to its operations, emissions profile, or verification status.

As an interim ambition supporting the 2050 target, SMT has set a 2030 reduction target described in Section 5, structured at Scope level to reflect the operational control and practical levers available to the organisation within a four-year planning horizon.

2. Organisational and Reporting Boundary

This Plan covers the following facilities, consolidated under the operational control approach of the GHG Protocol Corporate Standard:

- SMT HO (Head Office) — Sahajanand Medical Technologies Ltd., Sahajanand Estate, Wakharia wadi, Near Dabholi, Ved Road, Surat – 395004, Gujarat.
- SMT SEZ (Manufacturing) — Sahajanand Medical Technologies Ltd., Plot No. 33 to 35 & 52 to 54, SEZ, Sachin, Surat – 394230, Gujarat.
- SMT HYD (Manufacturing) — SMT Cardiovascular Pvt. Ltd., M78, M79, M88, M89, M90, IP Sultanpur, Medical Device Park, Hyderabad – 502319, Telangana.

Note on SMT Cardiovascular Pvt. Ltd. (SMTCV)

SMTCV is a separate legal entity from Sahajanand Medical Technologies Limited but operates under the same ISO 50001:2018 Energy Management System certification covering all three facilities and maintains its own corporate governance structure including a separate Board of Directors. SMTCV's Hyderabad facility is included within this Plan's boundary because SMT exercises operational control over it under the GHG Protocol Corporate Standard — specifically, SMT's management team sets and implements the operating policies, environmental management systems, and day-to-day operational decisions at this facility, notwithstanding SMTCV's separate legal board. SMTCV does not separately report or claim this facility's emissions for its own purposes; there is no double-counting of this footprint across entities.

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Geographical and Reporting Boundary

- Geographical boundary: India operations only (Surat and Hyderabad). SMT's manufacturing facility in Thailand is outside the scope of this Plan and is reported separately.
- Reporting standard: GHG Protocol Corporate Accounting and Reporting Standard, and ISO 14064-1:2018, Categories 1–6.
- Scope 3 categories covered: Purchased Goods & Raw Materials, Capital Goods, Fuel & Energy Related Activities, Upstream Transportation & Distribution, Waste Generated in Operations, Business Travel, Employee Commuting, Upstream Leased Assets, and Downstream Transportation & Distribution — covering all five PPN 006 mandated categories plus four additional material categories identified through SMT's materiality assessment.

3. Baseline Emissions — FY 2024-25

FY 2024-25 (1 April 2024 – 31 March 2025) is SMT's designated baseline year. On NHS Evergreen, where the platform accepts only a single calendar year, this baseline is recorded as "2024" — this refers to the same FY 2024-25 period reported throughout this document.

| Emissions Source | tCO ₂ e | % of Total |
|--|--------------------|---------------|
| Scope 1 (Direct) | 461.15 | 2.3% |
| Scope 2 (Imported Electricity) | 4,127.52 | 20.3% |
| Scope 3 — Purchased Goods & Raw Materials | 7,788.37 | 38.2% |
| Scope 3 — Business Travel | 1,674.23 | 8.2% |
| Scope 3 — Capital Goods | 1,078.86 | 5.3% |
| Scope 3 — Upstream Transportation & Distribution | 1,190.43 | 5.8% |
| Scope 3 — Downstream Transportation & Distribution | 1,103.44 | 5.4% |
| Scope 3 — Fuel & Energy Related Activities | 1,029.36 | 5.1% |
| Scope 3 — Employee Commuting | 947.81 | 4.7% |
| Scope 3 — Upstream Leased Assets | 587.06 | 2.9% |
| Scope 3 — Waste Generated in Operations | 393.31 | 1.9% |
| TOTAL BASELINE EMISSIONS | 20,381.53 | 100.0% |

Source: independently verified by DQS India under ISO 14064-3:2019 (Verification Registration No. 50264417, dated 30 June 2026). See Section 6.

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4. Current Emissions Reporting — FY 2025-26

| Emissions Source | tCO ₂ e | % of Total | vs. Baseline |
|--|--------------------|---------------|---------------|
| Scope 1 (Direct) | 628.21 | 2.6% | +36.2% |
| Scope 2 (Imported Electricity) | 3,539.18 | 14.4% | -14.3% |
| Scope 3 — Purchased Goods & Raw Materials | 9,425.73 | 38.3% | +21.0% |
| Scope 3 — Capital Goods | 2,705.79 | 11.0% | +150.8% |
| Scope 3 — Upstream Transportation & Distribution | 2,195.38 | 8.9% | +84.4% |
| Scope 3 — Business Travel | 1,572.03 | 6.4% | -6.1% |
| Scope 3 — Downstream Transportation & Distribution | 1,347.63 | 5.5% | +22.1% |
| Scope 3 — Employee Commuting | 975.27 | 4.0% | +2.9% |
| Scope 3 — Waste Generated in Operations | 692.57 | 2.8% | +76.1% |
| Scope 3 — Fuel & Energy Related Activities | 889.42 | 3.6% | -13.6% |
| Scope 3 — Upstream Leased Assets | 654.34 | 2.7% | +11.4% |
| TOTAL CURRENT EMISSIONS | 24,625.54 | 100.0% | +20.8% |

Explanation of Year-on-Year Increase

Total emissions rose 20.8% against the FY 2024-25 baseline, driven principally by capital expenditure. Capital Goods emissions increased 151%, and Purchased Goods & Raw Materials rose 21%, together reflecting SMT's capacity expansion and associated CAPEX during FY 2025-26. This increase is consistent with SMT's growth phase and is not the result of a change in emissions intensity per unit of production.

Scope 2 emissions fell 14.3% and Business Travel fell 6.1%, reflecting the contribution of solar installations across all three facilities (SMT HYD commissioned October 2024, SMT SEZ commissioned March 2025, SMT HO commissioned August 2025) and continued travel-policy discipline.

SMT recognises that this increase moves the organisation further from its long-term reduction trajectory. Reversing it is the central priority of the reduction plan in Section 5, principally through renewable electricity expansion (Scope 2) and a structured supplier engagement programme targeting the Purchased Goods & Raw Materials category, which drives the majority of Scope 3 emissions.

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5. Emissions Reduction Targets

SMT has set an interim 2030 target structured at Scope level, reflecting the degree of operational control and practical levers available within a four-year planning horizon. Targets are deliberately conservative — set at levels SMT is confident of achieving or exceeding — in preference to ambitious commitments that cannot be reliably delivered within the regulatory and supply chain constraints applicable to a medical device manufacturer.

| Scope | FY 2024-25 Baseline (tCO ₂ e) | 2030 Target (tCO ₂ e) | Reduction | Lever |
|--------------------------------|--|----------------------------------|---------------|-------------|
| Scope 1 — Direct | 461.15 | 322.81 | 30% | Operational |
| Scope 2 — Imported Electricity | 4,127.52 | 1,651.01 | 60% | Operational |
| Scope 3 — All Categories | 15,792.87 | 11,844.65 | 25% | Influence |
| TOTAL | 20,381.53 | 13,818.47 | ~32.2% | |

Rationale by Scope

Scope 1 (30%): Fully within SMT's operational control. Reduction will be achieved through refrigerant leak-detection protocols, preventive maintenance on HVAC systems, DG set fuel optimisation, and progressive replacement of diesel mobile fleet.

Scope 2 (60%): SMT's strongest near-term lever. Solar installations across all three facilities — 600 kW at SMT HYD (commissioned October 2024), 252 kW at SMT SEZ (commissioned March 2025), and 225 kW at SMT HO (commissioned August 2025) — together provide a strong foundation. Further capacity expansion at SMT HYD, combined with exploration of renewable Power Purchase Agreements (PPAs) for grid-supplied electricity at SMT SEZ and SMT HYD, provides a credible pathway to 60% reduction against baseline.

Scope 3 (25%): The majority of SMT's footprint sits in Scope 3, principally Purchased Goods & Raw Materials and Capital Goods. These categories are subject to supply chain constraints specific to regulated medical device manufacturing — material substitution and supplier switching require regulatory re-validation over 12–24 month timescales. The 25% target reflects what is achievable through the supplier engagement programme described below, combined with logistics optimisation, travel policy, and waste and commuting initiatives across all three sites.

Scope 3 Supplier Engagement Programme

The primary mechanism for Scope 3 reduction is a structured supplier engagement programme targeting Purchased Goods & Raw Materials — SMT's single largest emissions category (38% of FY 2024-25 baseline).

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Current Scope 3 Category 1 emissions are calculated using a spend-based EEIO approach, applying industry-average emission factors. Actual emissions from SMT's specific suppliers may be materially lower than these averages. The supplier engagement programme will:

- By FY 2026-27: Identify SMT's top 5–6 suppliers by Purchased Goods spend, covering approximately 70–80% of Category 1 emissions, and issue formal requests for product-level, cradle-to-gate emissions data in the form of Environmental Product Declarations (EPDs) or equivalent Product Carbon Footprints (PCFs).
- By FY 2027-28: Replace EEIO-based estimates with verified supplier-specific emission factors for responding suppliers, improving both accuracy and reported performance.
- By FY 2028-30: Explore lower-carbon material alternatives where clinically and regulatorily acceptable under applicable medical device standards (including CDSCO, CE, and FDA requirements) and incorporate carbon-intensity criteria into capital procurement decisions for future CAPEX cycles.

SMT recognises that Scope 3 reduction is dependent in part on supplier engagement outcomes. Progress will be reported annually, and targets will be reviewed and updated if material changes to supplier data availability or the operating environment occur. This approach is consistent with SBTi supplier engagement target methodology and is recognised by external assurance bodies as a credible Scope 3 reduction pathway for regulated manufacturing sectors.

6. Data Assurance and Verification Status

The emissions figures in Sections 3 and 4 of this Plan have been independently verified by DQS India under ISO 14064-3:2019 at a limited assurance level, in accordance with the GHG Protocol Corporate Accounting and Reporting Standard and ISO 14064-1:2018.

| Verification Detail | Value |
|--------------------------------------|--|
| Verifying Body | DQS India |
| Verification Standard | ISO 14064-3:2019 |
| Assurance Level | Limited |
| Verification Registration No. | 50264417 |
| Date of Verification | 30 June 2026 |
| Reporting Period Verified | 1 April 2024 – 31 March 2026 (FY 2024-25 and FY 2025-26) |
| Scopes Verified | Scope 1, Scope 2, and Scope 3 (all categories reported) |

SMT's emissions data was calculated by its appointed consultant, EnerG Consulting (Surat), in accordance with the GHG Protocol Corporate Standard and ISO 14064-1:2018, and is independent of the verifying body, DQS India. SMT will commission verification annually and will publish updated verification statements alongside each annual update of this Plan.

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7. Carbon Reduction Projects

7.1 Completed Initiatives

ISO 50001:2018 Energy Management System certification: awarded by BSI (April 2026), covering all three facilities within this Plan's boundary — SMT HO, SMT SEZ (Sachin), and SMT HYD (SMTCV) — under a single organisational scope. SMT is among the early adopters of this certification within India's cardiovascular device manufacturing sector.

Solar installations across all three facilities:

- **SMT HYD — 600 kW rooftop solar plant:** commissioned 26 October 2024, generating 785,354 kWh during FY 2025-26.
- **SMT SEZ — 252 kW rooftop solar plant:** commissioned 27 March 2025, generating 272,600 kWh during FY 2025-26.
- **SMT HO — 225 kW rooftop solar plant:** commissioned 18 August 2025, generating 193,252 kWh during FY 2025-26 (approximately 7–8 months of operation).

Combined solar generation across all three sites in FY 2025-26: 1,251,206 kWh, contributing directly to the 14.3% year-on-year reduction in Scope 2 emissions.

Energy conservation measures at SMT HO and SMT SEZ: 22–23 EC (electronically commutated) fan motor retrofits, 4 new AHUs fitted with integrated EC technology, power factor improvement to 0.999, and HVAC controls upgrades. Total capital investment: approximately Rs. 1.44 crore.

Energy conservation measures at SMT HYD (SMTCV): motor replacement programme (estimated 4.8 lakh kWh annual savings), VFD installation on nitrogen blower, upgrade from reciprocating to screw-type air compressor, and rainwater harvesting infrastructure. Capital investment: approximately Rs. 92 lakhs.

Combined capital investment in energy conservation across the SMT boundary in FY 2025-26: approximately Rs. 2.36 crore.

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7.2 Future Initiatives (Planning Stage)

Renewable electricity expansion: Evaluation of additional rooftop solar capacity at SMT HYD and exploration of renewable Power Purchase Agreements (PPAs) for grid-supplied electricity at SMT SEZ and SMT HYD — the primary pathway to achieving the 60% Scope 2 target.

Supplier engagement on purchased goods and raw materials (priority): Structured programme to collect product-level cradle-to-gate emissions data (EPDs / PCFs) from top suppliers by spend, as described in Section 5. This is the primary mechanism for Scope 3 reduction.

Capital goods sourcing review: Carbon-intensity criteria to be incorporated into capital procurement decisions for future expansion projects, alongside supplier engagement on construction and equipment-related emissions.

Logistics optimisation: Review of upstream and downstream transportation modes and consolidation opportunities to address the year-on-year increase in transportation-related emissions.

Employee commuting and waste: Continued development of commute-related initiatives and waste segregation and recycling programmes across all three sites.

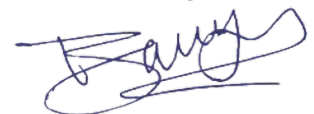
A marginal abatement cost analysis for these initiatives is in development jointly with SMT's facilities and procurement teams and will be incorporated into the next annual update of this Plan.

8. Declaration and Sign-Off

This Carbon Reduction Plan has been reviewed and signed off by the Board of Directors (or equivalent management body) of Sahajanand Medical Technologies Limited.

| Field | Detail |
|---|---|
| Signed by | Bhargav Kotadia |
| Position | MD & CEO |
| Date | 1 st July 2026 |
| Management Representative responsible for inventory | Urmi Kotadia, Sustainability Manager — SMT |
| Published at | https://smtpl.com/carbon_reduction_plan |

Authorized signatory



Bhargav Kotadia
CEO & MD

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