

# **Carbon Reduction Plan**

Supplier name: METICULY

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# Commitment to achieving Net Zero

Meticuly is committed to achieving Net Zero greenhouse gas emissions by 2050. This Carbon Reduction Plan outlines our current emissions footprint, progress made since our baseline year, and the actions we are taking to reduce emissions across our operations and value chain.

## Baseline Year: 2024

Baseline emissions are a record of the greenhouse gas emissions produced prior to the introduction of carbon reduction initiatives and provide a reference point against which emissions reduction can be measured.

As 2024 is Meticuly’s first year of comprehensive organisational emissions reporting, we have established 2024 as our baseline year. This baseline covers our headquarters and manufacturing operations in Bangkok, Thailand.

Scope 1 emissions in 2024 are considered not material / negligible as our operations do not involve on-site fossil fuel combustion or standby generator usage in normal operations. We will continue to monitor Scope 1 sources annually.

Scope 2 emissions are calculated from purchased electricity consumption.

Scope 3 emissions are reported for the following included categories: employee commuting, business travel, waste generated in operations, upstream transportation and distribution, and downstream transportation and distribution.

## Scope 1 Baseline Emissions Summary (2024)

EMISSIONS	TOTAL (tCO2e)
Scope 1	N/A
Scope 2	64.26 (tCO2e)
Scope 3	44,601.11 (tCO2e) <ul style="list-style-type: none"><li>- upstream transportation and distribution</li><li>- waste generated in operations</li><li>- business travel</li><li>- employee commuting</li><li>- downstream transportation and distribution</li></ul>
Total Emissions	44,665.37 (tCO2e)

# Current Emissions Reporting (2025)

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	N/A
Scope 2	96.31 (tCO <sub>2</sub> e)
Scope 3	30,937.55 (tCO <sub>2</sub> e) <ul style="list-style-type: none"><li>- upstream transportation and distribution</li><li>- waste generated in operations</li><li>- business travel</li><li>- employee commuting</li><li>- downstream transportation and distribution</li></ul>
Total Emissions	31,033.86 (tCO <sub>2</sub> e)

## Scope 2 Emissions (Purchased Electricity)

Scope 2 emissions are indirect emissions associated with the generation of purchased electricity consumed in our operations. In 2025 (baseline year), Meticuly purchased 246,940.11 kWh of electricity in Thailand. Applying an emission factor of 0.39 kgCO<sub>2</sub>/kWh, this results in 96.31 tCO<sub>2</sub>e for Scope 2.

As Meticuly continues to expand, increases in production capacity, clean-area operations, and supporting infrastructure can lead to higher electricity consumption. We therefore track electricity use and associated emissions closely, and we will continue to pursue efficiency improvements and feasible renewable energy options to decouple growth from emissions intensity over time.

## Scope 3 Emissions (Value Chain)

Scope 3 emissions are indirect emissions that occur across the company's value chain. For 2025, we report the required subset of Scope 3 categories that are most relevant to our operations and global distribution footprint, covering activities across Thailand and our delivery markets in America, Europe, and Asia.

**The Scope 3 categories included in this report are:**

- Upstream transportation and distribution (Scope 3.4)
- Waste generated in operations (Scope 3.5)

- Business travel (Scope 3.6)
- Employee commuting (Scope 3.7)
- Downstream transportation and distribution (Scope 3.9)

**Scope 3 emissions are primarily driven by downstream transportation and distribution**, reflecting the nature of our business as a global supplier of patient-specific medical devices that require time-sensitive delivery to international markets. We will continue to strengthen logistics planning, carrier collaboration, and data quality to identify levers that reduce emissions without compromising patient care timelines.

Total emissions by category (tCO<sub>2</sub>e) are as follows:

- Scope 3.4 Upstream transportation and distribution: **4,186.67 tCO<sub>2</sub>e**
- Scope 3.5 Waste generated in operations: **1.86 tCO<sub>2</sub>e**
- Scope 3.6 Business travel: **36.38 tCO<sub>2</sub>e**
- Scope 3.7 Employee commuting: **61.43 tCO<sub>2</sub>e**
- Scope 3.9 Downstream transportation and distribution: **26,712.63 tCO<sub>2</sub>e**

## Emissions reduction targets

Meticuly uses 2024 as its baseline year and has established long-term emissions reduction targets aligned with its Net Zero 2050 commitment. These targets set a clear direction for reducing emissions over time while recognising the company's expected growth in business scale and production volumes.

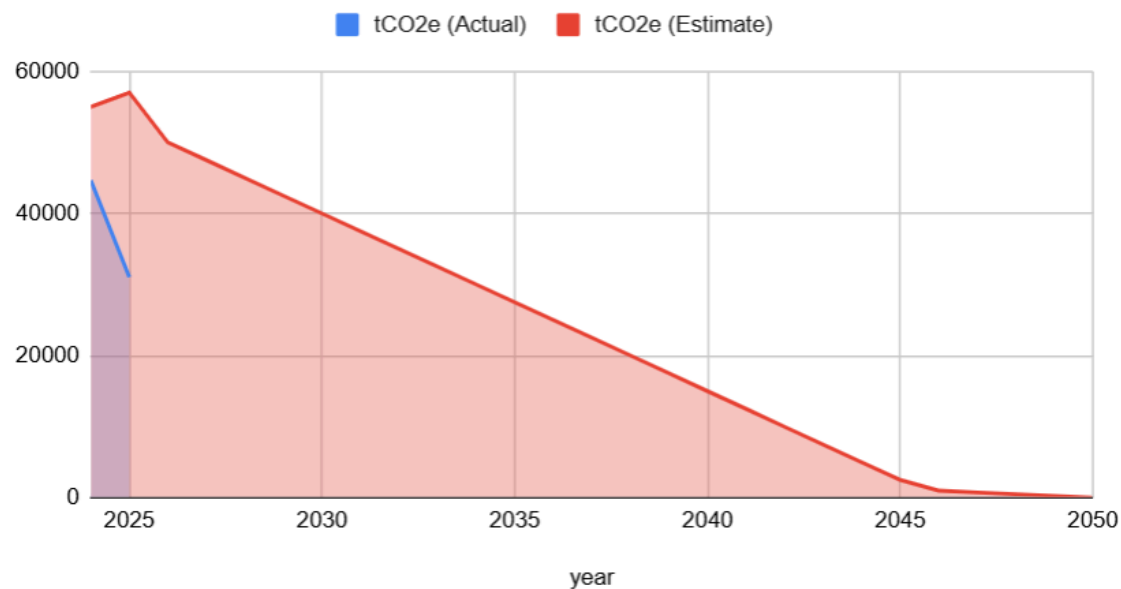
### Targets

- Net Zero target year: 2050
- Interim target: Reduce total emissions to approximately 30,000 tCO<sub>2</sub>e by 2034
- Reduction ambition: A long-term reduction trajectory of up to ~45% from the baseline, supported by ongoing improvements in emissions efficiency across operations and logistics.

Given that the majority of Meticuly's emissions are associated with purchased electricity (Scope 2) and value-chain activities (Scope 3)—particularly transportation and distribution, our decarbonisation approach prioritises practical reductions and efficiency improvements in manufacturing energy use and logistics planning, while maintaining the quality standards and service levels required for patient-specific medical devices. Progress against these targets will be reviewed and updated on a regular basis as data coverage and methodology continue to strengthen.

# Progress Against Targets (2025)

Carbon Reduction: Projected Vs Actual



In 2025, Meticuly made measurable progress toward its emissions reduction goals. While overall emissions may fluctuate due to business growth and expanded global operations, emissions intensity per unit of output is being actively monitored and managed.

Progress against the reduction trajectory is reviewed annually to ensure alignment with long-term Net Zero targets.

# Carbon Reduction Projects

## Completed Carbon Reduction Initiatives

The following initiatives have been implemented and maintained through 2025:

- Reduction of paper usage through digital documentation and e-signatures
- Recyclable waste collection and waste segregation
- Installation of energy-efficient LED lighting
- Reduction of bottled water usage through water refill stations
- Resource optimisation to reduce consumables and imports
- Reduced packaging size for small implants
- Implement operational lead time reduction initiatives to improve process efficiency, resulting in a 30% reduction in gas consumption.

## Planned Carbon Reduction Initiatives

To further reduce emissions, Meticuly plans to implement the following initiatives:

- **Electricity and Energy**
  - Develop a plan and begin feasibility studies for renewable energy solutions (e.g., solar panels) where feasible.
  - Reduction of electricity consumption through efficiency improvements
- **Manufacturing & Facilities**
  - Develop decentralised, ultra-low-emission manufacturing facilities in strategic regions (supported by a Recycling Project, cost-reduction initiatives, and lead-time reduction to decrease electricity usage).
- **Transportation**
  - Transition to electric or ultra-low-emission vehicles at manufacturing sites
  - Reduction of air travel through remote meetings and local staffing
  - Promotion of public and low-emission transport for employees
- **Supply Chain**
  - Reduce Outer Box Size to decrease emission for logistics
  - \*Try to combine cases to reduce logistics cost\*
- **Employee Engagement**
  - Deliver ESG training for employees (3 hours per person).
  - Organise internal engagement and awareness campaigns through “Social Awareness Days” (2 activities per month), e.g., International Plastic Bag Free Day to promote reusable bags.

- Establish a Work-from-Home (WFH) policy aligned with air-pollution (PM2.5) conditions to reduce commuting and associated emissions.

## Declaration and Sign-Off

This Carbon Reduction Plan has been completed in accordance with **PPN 06/21** and associated guidance and reporting standards. Emissions have been reported in line with the **GHG Protocol Corporate Standard**, **SECR requirements**, and the **Corporate Value Chain (Scope 3) Standard**.

This Carbon Reduction Plan has been reviewed and approved.



**Peeranoot Lohwongwatana**

**COO, Meticuly Company Limited**

**Date:** ...4 February 2026.....