## Description

This document specifies the carbon footprint of Meca-Trade Oy in tonnes of CO2e.

## Parameters

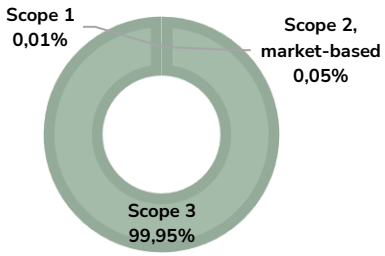
| | |
|---|---|
| Company: | Meca-Trade Oy |
| Period: | 01.01.2025 – 31.12.2025 |
| Calculation: | 20.10.2026, Reforest Finland Oy |
| Total Carbon Footprint, market-based: | 72 967,6 t CO2e |

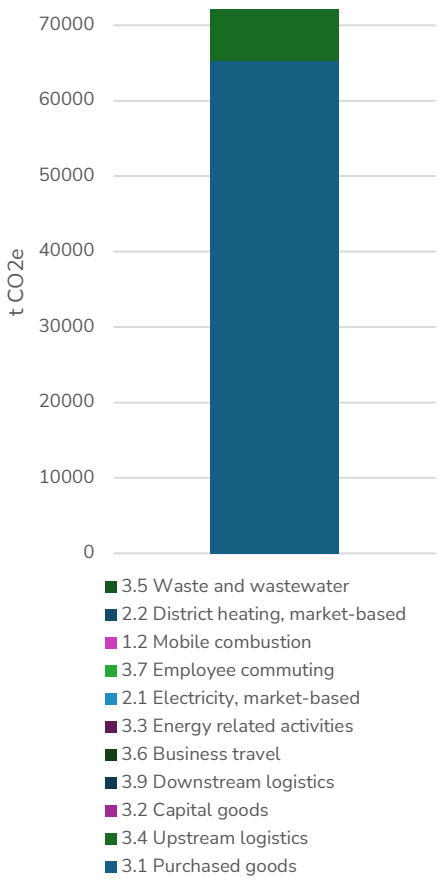
## Methodology

Greenhouse gas emissions have been calculated in accordance with the GHG Protocol Corporate Accounting and Reporting Standard and the Corporate Value Chain (Scope 3) Standard. Emissions are reported as carbon dioxide equivalents (CO2e) using 100-year global warming potentials (GWP). The inventory covers Scope 1, Scope 2 and relevant Scope 3 categories. Emissions are estimated using activity data and a combination of supplier-specific and secondary emission factors where primary data is not available. The calculation includes direct and indirect Scope 1, Scope 2 and Scope 3 emissions from purchased goods, capital goods, energy related activities, upstream and downstream logistics, waste, wastewater, business travel and employee commuting.

## Carbon Footprint

| Emission source | t CO2e | Share [%] |
|---|---|---|
| **Scope 1** | **4,1** | **0,01 %** |
| 1.2 Mobile combustion | 4,1 | |
| **Scope 2, market-based** | **33,8** | **0,05 %** |
| Scope 2, location-based | 25,4 | |
| 2.1 Electricity, market-based | 30,8 | |
| 2.1 Electricity, location-based | 2,6 | |
| 2.2 District heating, market-based | 2,9 | |
| 2.2 District heating, location-based | 22,8 | |
| **Scope 3** | **72 929,7** | **99,95 %** |
| **Upstream** | | |
| 3.1 Purchased goods | 65 359,6 | 89,6 % |
| 3.2 Capital goods | 298,0 | 0,4 % |
| 3.3 Energy related activities | 25,3 | <0,1 % |
| 3.4 Upstream logistics | 7 080,4 | 9,7 % |
| 3.5 Waste and wastewater | 0,4 | <0,1 % |
| 3.6 Business travel | 45,9 | 0,1 % |
| 3.7 Employee commuting | 7,6 | <0,1 % |
| **Downstream** | | |
| 3.9 Downstream logistics | 112,4 | 0,2 % |
| **Total, market-based** | **72 967,6** | **100,0 %** |
| Total, location-based | 72 959,2 | |




## Info

The purpose of this document is to provide Meca-Trade Oy's stakeholders with an accurate representation of the greenhouse gas emissions associated with the company. This document should not be forwarded without permission from Meca-Trade Oy. Meca-Trade Oy has calculated its carbon footprint in collaboration with Reforest Finland Oy. Reforest Finland Oy is confident that, at the time of review, the calculation accurately represented the carbon footprint in accordance with the previously described methodology.

In defining emission factors, primary data from Meca-Trade Oy's stakeholders, as well as from the Ecoinvent, Exiobase and Defra databases, Statistics Finland and Traficom data and field research have been utilized.