

# Corporate Carbon Footprint (CCF) Report & Net-Zero Roadmap

## MEGA GOSSAU AG - Reporting Year 2024

For 2024, MEGA GOSSAU AG prepared a comprehensive greenhouse gas inventory (Corporate Carbon Footprint, CCF) for the first time and based on this, developed a net-zero roadmap in accordance with the Swiss Climate and Innovation Act (KIG). A detailed project report is available; this document summarizes the most important results and reduction measures.

### System Boundaries and Calculation Principles

The accounting was carried out in accordance with the Greenhouse Gas (GHG) Protocol standards<sup>1</sup>, applying the principle of operational control. All relevant emissions from Scopes 1, 2, and 3 were taken into account. The emission factors used are derived from the Scope Emissions Tool v5.4.1 of the Swiss Federal Administration<sup>2</sup>.

### Corporate Carbon Footprint 2024

In 2024, total emissions of MEGA GOSSAU AG across Scopes 1, 2, and 3 were approximately 5'539 tons of CO<sub>2</sub> eq.

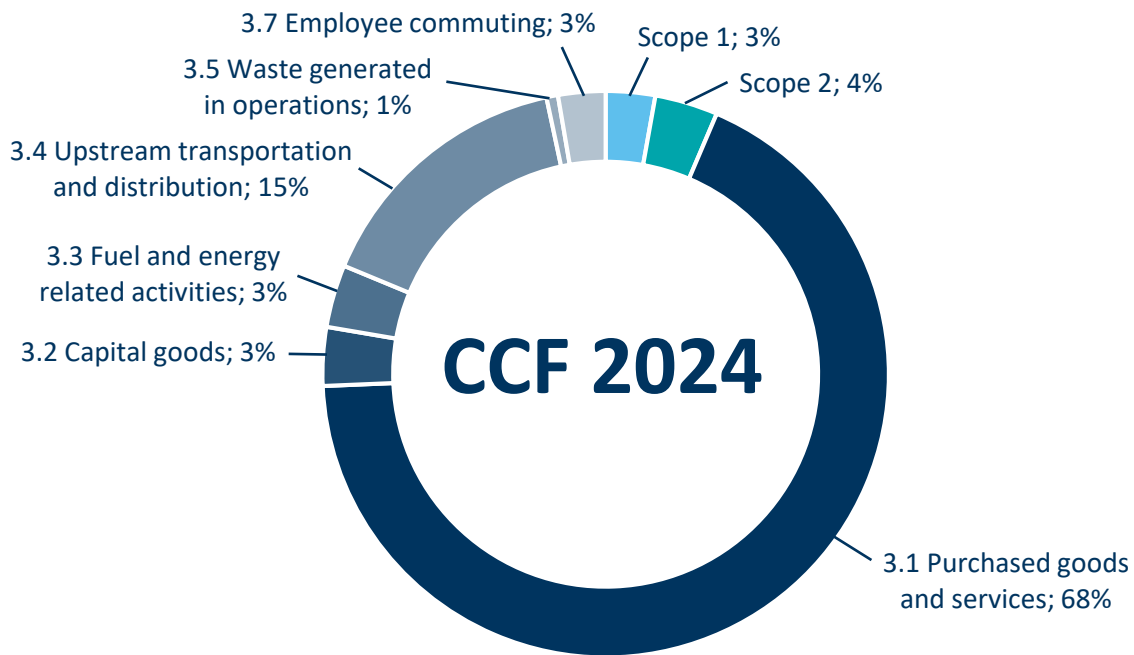
- **Scope 1:** 156 t CO<sub>2</sub> eq (3 %) Direct emissions from the combustion of fossil fuels.
- **Scope 2:** 198 t CO<sub>2</sub> eq (4 %) Indirect emissions from purchased electricity (location-based approach).
- **Scope 3:** 5'185 t CO<sub>2</sub> eq (93 %) Upstream and downstream emissions along the value chain, with a significant share originating from raw material use.

The analysis shows that, in addition to energy supply, emissions from material procurement (Scope 3) represents a key lever for decarbonization.<sup>3</sup>

<sup>1</sup> World Business Council for Sustainable Development (WBCSD) & World Resources Institute (WRI). «A Corporate Accounting and Reporting Standard» und «Corporate Value Chain (Scope 3) Accounting and Reporting Standard».

<sup>2</sup> <https://www.itinero.admin.ch/de/netto-null-fahrplaene>

<sup>3</sup> The figure includes only emissions that account for more than 1% of total emissions. Emissions from categories 3.6 business travel, 3.9 downstream transportation, and 3.12 end-of-life treatment are negligible compared to total emissions. The remaining Scope 3 categories are not relevant for MEGA GOSSAU AG.



## Net-zero roadmap

Based on the greenhouse gas inventory, MEGA GOSSAU AG has adopted measures aimed at achieving net zero already by 2040 (across Scopes 1 and 2). In addition, MEGA GOSSAU AG commits to reducing its indirect Scope 3 emissions by 45% by 2050.

From the comprehensive list of measures, the following key actions with high climate impact have been identified:

- **Energy efficiency in production:** Implementation of energy-saving measures to reduce electricity and natural gas consumption.
- **Renewable energy supply:** Installation of a photovoltaic system at the Gossau production site, as well as switching the remaining electricity procurement to a renewable electricity product.
- **Decarbonization of thermal processes:** Replacement of the natural gas-fired melting furnace with a more climate-friendly solution. Technical feasibility is currently under review.
- **Closing material loops (Scope 3):** Increasing the share of recycled zinc in material procurement is the most important measure to reduce upstream emissions.

## Commitment

MEGA GOSSAU AG is committed to systematically and measurably reducing its greenhouse gas emissions and gradually decarbonizing its production and value chain.

With its first comprehensive greenhouse gas inventory and the resulting net-zero roadmap, MEGA GOSSAU AG creates transparency on emissions, a solid basis for investment decisions and establishes the foundation for achieving targets in accordance with the Swiss Climate Protection Legislation.

## Contact and further information

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The CCF and net-zero roadmap were developed in collaboration with Neosys AG.