

3.1 EMISSIONS AND ENERGY CONSUMPTION

In 2024, the company embarked on a process of reporting its CO₂ emissions in accordance with the GHG Protocol standard, with the aim of monitoring and reducing its ecological footprint.



SCOPE 1

Direct emissions from sources owned or controlled by the company.



SCOPE 2

Indirect emissions related to purchased and consumed energy.



SCOPE 3

All other indirect emissions along the value chain, such as those resulting from the production of purchased materials, transportation, or the use of products by customers.

THE 2024 REPORT COVERS SCOPE 1 AND 2 EMISSIONS, MEASURED ACCORDING TO THE INTERNATIONAL GHG PROTOCOL STANDARD DEVELOPED BY WRI AND WBCSD.

ELCOMAN IS ALREADY WORKING TO INCLUDE SCOPE 3 AS WELL, SO AS TO OFFER A COMPLETE ASSESSMENT OF ITS CLIMATE IMPACT.

3.2 MANAGEMENT OF EMISSIONS AND ENERGY CONSUMPTION

Overall, the company's activities generated approximately 140 tons of CO₂ equivalent in 2024. A comparison with ESG reports from comparable Italian companies shows that Elcoman's emissions are consistent with the average values for the manufacturing sector, confirming the reliability of the measurements and the path taken.



SCOPE 1 EMISSIONS AND CONSUMPTION 120,3 TON = CO₂ EQ

Use of fossil fuels for air conditioning and use of the company fleet, consisting of vehicles used for both operational and logistical purposes.



SCOPE 2 EMISSIONS AND CONSUMPTION 19,8 TON = CO₂ EQ

Consumption of approximately 50,000 kWh/year of electricity. Preference given to suppliers with a high share of renewable sources: Acea (100%) and Synergy (46.3% in 2023).



SCOPE 3 EMISSIONS AND CONSUMPTION

Scope 3 emissions will be included in future reports. The local supply chain within 40 km already allows us to reduce emissions and support the local economy.

