

3. ENVIRONMENTAL AREA



3.0 ELCOMAN'S ENVIRONMENTAL PILLARS

Environmental protection is a strategic pillar of Elcoman's development model. While this is the company's first Sustainability Report, it is also true that environmental considerations have long been a factor in the company's decisions, particularly with regard to the following elements:



**EMISSIONS AND
ENERGY CONSUMPTION**



**CIRCULAR ECONOMY AND
WASTE MANAGEMENT**



**PRODUCTS AND
SUSTAINABLE INNOVATION**

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.



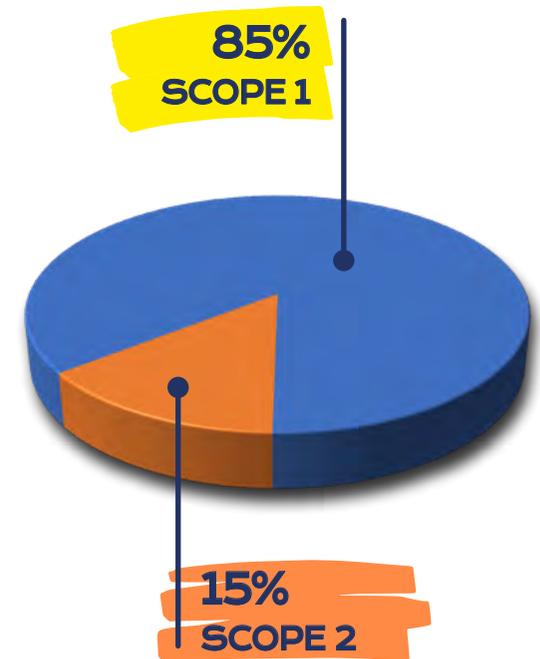
SCOPE 2 EMISSIONS AND CONSUMPTION 19,8 TON = CO₂ EQ

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.



3.3 CIRCULAR ECONOMY AND WASTE MANAGEMENT

Proper waste management is another key element of the environmental strategy. Elcoman has defined dedicated procedures that ensure traceability, regulatory compliance and material recovery.



PLASTIC

Plastic is handled by authorized carriers.



MUNICIPAL WASTE

Urban waste is sorted according to municipal recycling guidelines, with the active involvement of staff.



SPECIAL AND METAL WASTE

Special non-metallic waste is disposed of through the "RENTRI" digital system, which ensures full traceability.



WOOD

Finally, the wood is reprocessed and transformed into chipboard for the production of furniture and components.

3.4 PRODUCTS, MATERIALS AND SUSTAINABLE INNOVATION

Our environmental commitment also extends to product design. Elcoman integrates sustainability criteria throughout the entire life cycle, making technological innovation geared towards reducing consumption.



KOBRA HYBRID (ENERGY SAVING)

Reduces consumption by up to 15% per cycle. This technology, known as Hybrid Power Management, not only limits energy consumption but also introduces an intelligent power management mechanism, ensuring savings in consumption.

ENERGY SMART SYSTEM AND MOTION SENSORS (ENERGY SAVING)

These minimize consumption in standby mode and during periods of inactivity. Thanks to an intelligent energy management system, the machine only activates when necessary and automatically switches to energy-saving mode at the end of the work cycle.



KOBRA FLEXPACK (CARDBOARD RECYCLING)

A solution developed to transform cardboard and waste paper into packaging material, replacing traditional plastic fillers. Flexpack is a clear example of the circular economy: it reuses internal materials, lowers environmental impact, and makes a concrete contribution to corporate sustainability goals.

KOBRA WASTE (SEPARATE WASTE COLLECTION)

This is a modular system for separate waste collection, designed to promote sustainable practices in both offices and production environments. Made from recycled and recyclable materials, it stands out for its versatility: the modules can be combined according to requirements, simplifying waste separation and improving recycling efficiency.



3.4 PRODUCTS, MATERIALS AND SUSTAINABLE INNOVATION

THIS COMMITMENT TRANSLATES INTO CONCRETE RESULTS, AS IN THIS EXAMPLE OF A RECENT SUPPLY AND THE RELATED SAVINGS RECORDED BY A CUSTOMER*

** The comparative calculations were made based on data reported in the book "How Bad Are Bananas? The Carbon Footprint of Everything" by Mike Berners-Lee, a leading author in the field of carbon footprint measurement.*

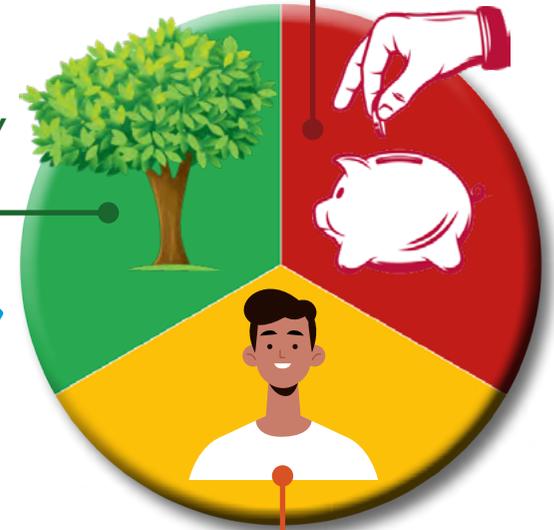
**2.000
KOBRA HYBRID**



**- 10.000 Kg
POLLUTION RIDUCTION**

**ANNUAL SAVINGS OF
APPROXIMATELY
- 12.000 €**

**EQUIVALENT
TO THE CO2
ABSORBED BY
20 trees**



**IT'S EQUAL TO ELIMINATING
THE ANNUAL FOOTPRINT OF
1 person**

3.5 CONTRIBUTION TO UN GOALS AND FUTURE GOALS

Elcoman actively contributes to the Sustainable Development Goals by promoting responsible consumption and production, the protection of natural resources, sustainable innovation, the use of clean energy, and actions against climate change. The company integrates innovation and environmental responsibility in line with global challenges, defining a set of short, medium and long-term goals to ensure measurable and lasting results.

