

# Carbon Footprint Report 2023

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Mobel LINEA S.L. is committed to sustainability, which is why it has decided to inform the corporate bodies, customers, suppliers and the general public about greenhouse gas emissions (GHG), with data taken in 2023.

This report has been carried out in accordance with the requirements established in the UNE-ISO 14064-1:2018 Standard: "Greenhouse gases. Specification with guidance, at the level of organisations, for quantifying and reporting greenhouse gas emissions and removals."

The aim of this report's data collection is to plan actions that reduce emissions and/or increase greenhouse gas removals.

# Description of the organization

MOBEL LINEA, S.L. is a company dedicated to the design, manufacture and distribution of furniture for offices and collectivities founded by three families in 1976.

Today it is still a family business employing more than 250 workers.



The activity is carried out in two production centres in Cervera (Lleida) and half of the production is exported outside Spain, mainly to Europe, the Middle East, Africa and South America.

During these almost fifty years of growth and development, there has been an important, growing and necessary concern for the quality of the products and services provided, as well as for the environment and the consequences of human activity on it.

This concern for the environment has encouraged the voluntary implementation of mandatory rules and regulations, as well as the development of sustainable production practices and working attitudes.



MOBEL LINEA, S.L. is a company committed to quality, the environment, people and, above all, its customers. They have based the development of their activity not only on regulations in force, having all the required permits, but also on the standards and good practices that have been emerged over time.



International recognition has been achieved with certification of compliance with **ISO 9001:2015**, **ISO 14001:2015**, **ISO 14006:2020** and **PEFC ST 2002:2020**. All these standards are integrated into a Quality and Environment management system.

## Organisational limits

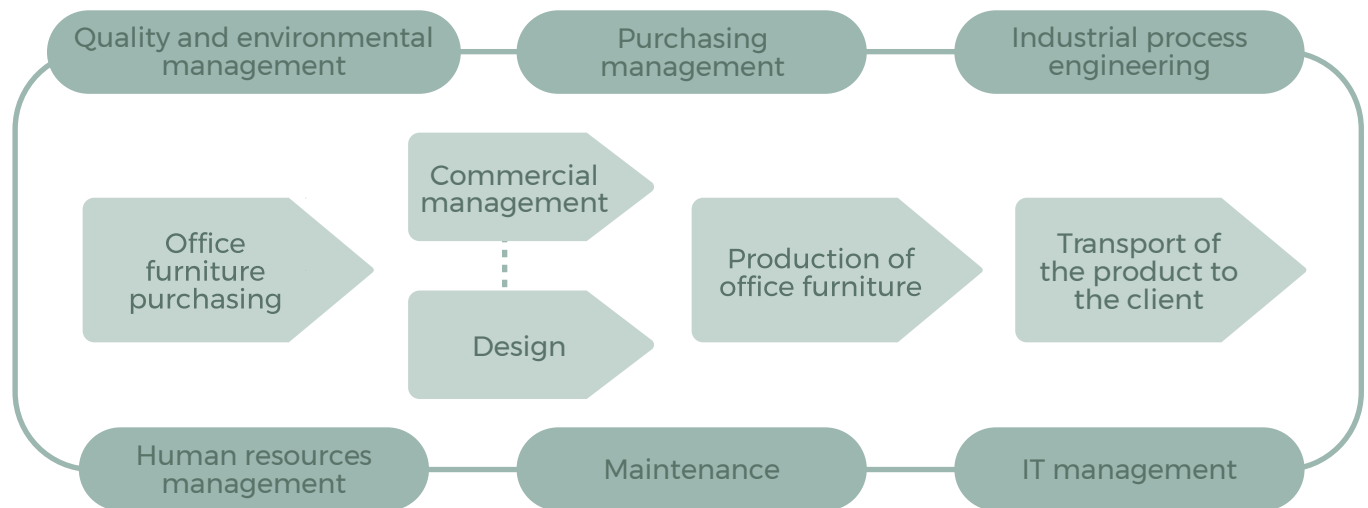
In order to determine the limits of the organisation, the operational control approach was used in the two facilities in the town of Cervera.

For the quantification of emissions, Scope 1 and Scope 2 (emissions associated with fuel consumption and emissions associated with electricity consumption) will be covered, considering only emissions over which control is exercised.

The activities indicated in **Figure 1** are considered within the limits of the organisation.

The following emissions have been taken into account to calculate GHG emissions:

- **Direct emissions:** There are three direct emissions:
  - Emissions from fossil fuel consumption for heating both facilities and offices.
  - Operation of the paint tunnel in hall 2.
  - Emissions from mobile combustion associated with road transport of manufactured products to the customer.
- **Indirect emissions:** Emissions associated with the consumption of electrical energy for the manufacture of furniture, lighting and power supply for IT equipment in offices.



**Figure 1:** Map of activities included in the organisation

## Quantification of emissions

The following table shows the greenhouse gas emissions of MOBEL LINEA, separated by each installation:

		T CO emissions (2eq)	% CO emissions (2eq)
Direct emissions	Heating	61,51	2,12%
	Operation of paint tunnel hall 2	562,40	19,42%
	Transport of product to customer	1643,26	56,75%
	<b>Total</b>	<b>2267,16</b>	<b>78,29%</b>
Indirect emissions	Electricity consumption hall 1 & offices	458,49	15,83%
	Electricity consumption hall 2	170,09	5,87%
	<b>Total</b>	<b>628,58</b>	<b>21,71%</b>
<b>Total emissions</b>		<b>2894,74</b>	<b>100%</b>

The table below shows a comparison of the results with those obtained in previous years:

		2020	2021	2022	2023
Direct emissions	Heating	62,47	62,20	62,88	61,51
	Operation of paint tunnel hall 2	578,47	709,86	632,77	562,40
	Transport of product to customer	1434,47	1738,36	1642,14	1643,26
	<b>Total</b>	<b>2.075,41</b>	<b>2.510,41</b>	<b>2.337,78</b>	<b>2.267,17</b>
Indirect emissions	Electricity consumption hall 1 & offices	484,89	725,06	707,18	458,49
	Electricity consumption hall 2	129,11	196,87	194,77	170,09
	<b>Total</b>	<b>613,99</b>	<b>921,93</b>	<b>901,95</b>	<b>628,58</b>
<b>Total emissions (tonnes CO<sub>2</sub>eq)</b>		<b>2.689,40</b>	<b>3.432,34</b>	<b>3.239,73</b>	<b>2.895,75</b>
<b>Emissions per production (t CO<sub>2</sub>eq / t production)</b>		<b>0,319</b>	<b>0,326</b>	<b>0,306</b>	<b>0,286</b>

# Quantification of emissions (baseline year)

The base year is considered to be 2021. The years 2019 and 2020 are not established as base years as they are the years affected by the Covid pandemic and at the production level they have been very unstable and unplannable, causing electricity and natural gas consumption to be lower than usual.

In the year 2023, CO<sub>2</sub>eq emissions have been considerably reduced thanks to the installation of photovoltaic panels for self-consumption of electricity.

MOBEL LINEA S.L. may recalculate the baseline year when:

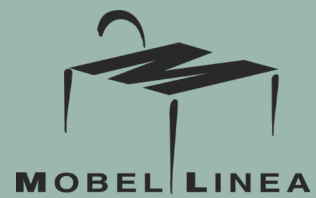
- There are changes in the operational limits.
- The methodologies for quantifying the GHG change.
- Structural changes are established in MOBEL LINEA, which have a significant impact on base year GHG emissions.
- Significant errors are discovered that have significant consequences on the total quantified GHG emissions.

# Quantification methodologies

The methodology for calculating GHG emissions and removals is based on calculations based on actual activity data and emission factors from invoices and verified sources.







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