
Sustainability Report

The **2025 Sustainability Report** outlines Siliconiton's approach to managing energy, water and resources. It presents measured data, implemented actions and achieved results, providing a transparent overview of the environmental impact of production activities and of the operational choices made during the reporting year.



Energy Consumption

In **2025**, almost **1,454 MWh** of electricity were consumed, of which **over 50% produced from non-renewable sources**, 90% of it supplied on the national market.

In 2024, a contract was also signed for the purchase of shares of renewable energy for 2025.

As of today, we can confirm that the total amount of electricity covered by Guarantees of Origin (G.O.) amounts to 436,000 kWh.

The remaining part of the energy were self-produced by the **solar panels** installed on the rooftop of the CAM building, which has approximately covered the **10%** of the total.



Reduction of the Carbon Footprint

	Target	2020	2021	2022	2023	2024	2025
kWh/kg moulded compounds	< 10	10,79	9,34	9,96	9,28	6,82	9,10
kgCO ₂ /kg moulded compounds	< 1,30	1,35	1,21	1,28	1,31	1,09	1,24



Consumption of Resources

In **2025**, nearly **350 m³** of water were consumed, all of which was drawn from the municipal water supply.

Water is required for cooling the injection molding presses, which are connected to a recirculation system and two evaporative cooling towers, as well as for sanitary services.

Water consumption **decreased by more than 50%** compared to the previous year.

Monitoring is carried out on a monthly basis and provides a detailed analysis of the data.**.



Reduction of the Water Consumption

	Target	2020	2021	2022	2023	2024	2025
kWh/kg moulded compounds	< 0,0060	0,0039	0,0054	0,0058	0,0046	0,0042	0,0018



Green Project

Achieved Milestones:

In **2025**, the project with the scope of **making energy, natural resources and raw materials more efficient**, as well as **reducing** the amount of undifferentiated **waste** was continued. Some of the main achievements were:

Ongoing activities for the use of tablets in the sorting process;

Purchase of 30% of green electricity certificates;

Execution of internal audits related to the waste sorting;

Installation of a new, more efficient mold-washing system.



Make the Difference

