

# SUCCESS CASES FROM MINAS GERAIS STATE/BRAZIL

## INDUSTRY

### STELLANTIS SOUTH AMERICA

Stellantis is one of the world's leading automobile manufacturers and aims to provide clean, safe and accessible mobility freedom to all. The company operates in the production of vehicles, engines and components and focuses on the pursuit of energy efficiency and autonomy, in addition to reducing CO2 emissions, a commitment established in its Dare Forward 2030 plan with the definition of bold targets and with full commitment from all levels of the organization. The company works in line with global and governmental strategies for sustainability and mitigation of climate change through technological innovation in its products and with the involvement of the entire automotive production chain.

#### Reducing CO2 emissions through energy efficiency



The organization aims to achieve a 50% reduction in CO2 emissions from production processes by 2025, by reducing electricity and natural gas consumption by 50%, considering the 2021 baseline.



To make this possible, energy efficiency is addressed internally in all factories in South America. The aim is to systematically identify and optimize internal energy consumption by improving equipment, processes and systems, in line with the requirements of ISO 50,001.



In addition, the organization seeks to further improve its results through energy autonomy. Through the implementation of plants, already planned for the near future, that meet autonomy and at the same time reduce CO2 emissions.



As a result of this entire efficiency program, considering the 2021 baseline, the organization has already achieved an 18.2% reduction in energy consumption (kWh per vehicle produced), which consequently allowed a 42% reduction in CO2 emissions in manufacturing activities.