

SUCCESS CASES FROM THE STATE OF MINAS GERAIS/BRAZIL

ENERGY

Biogas and Biomethane

Minas Gerais presents a favorable scenario for the development of energy vectors such as biogas and biomethane, which are directly linked to the productive chains of agriculture, swine farming, poultry farming, and livestock, as well as the sugar-energy sector, which hold significant importance in the state. The government of Minas Gerais has been promoting various actions to stimulate and drive the development of these inputs, consolidating their importance in the local energy sector.

Delivered Actions for Biogas and Biomethane in Minas Gerais

The actions developed by the State of Minas Gerais to advance these energy inputs are directly related to regulatory frameworks. The following are noteworthy:

- **State Law nº 24.396/2023:** Establishes the state policy for biogas and biomethane in Minas Gerais, regulating the production chain and encouraging the use of these renewable energy sources. It promotes the use of organic waste for biogas production and the use of biomethane in public transportation.
- **Public Call Notice nº 05/2023 by GASMIG (Gas Company of Minas Gerais)** seeks proposals from qualified companies for the supply of biomethane in Minas Gerais, with specific delivery points, marking a milestone for the development of this energy source in the state.
- **SEDE (Secretary of Economic Development of Minas Gerais) Resolution nº 34/2023 :** Establishes that the commercialization and distribution of biogas and biomethane be regulated, inspected, and supervised by SEDE (Secretary of Economic Development of Minas Gerais), in the same manner as natural gas.
- **O Decree on the State Strategy for Biogas and Biomethane** aims to promote the use of these renewable energy sources, contributing to the diversification of the state's energy matrix and the reduction of greenhouse gas emissions.

Contributions of the Regulatory Frameworks for Biogas and Biomethane



In 2022, Minas Gerais reached the milestone of 98% of biogas and biomethane production aimed at generation electricity in the state.



Fourth place in the national ranking of states with the highest production capacity, 425 million N/m³



In 2023, Minas Gerais accounted for 11% of nation production.



There was a 95% increase in biogas production between 2016 and 2021.



Currently, Minas Gerais has over 341 biogas production plants.