



GUANAJUATO

MEMBER PROFILE

- **Population (2020):** 6,166,934
- **Territory:** 30,606.7 km²
- **Real GDP/Capita (2020):** \$32,802 Million USD / \$5,319 USD per capita (*exchange rate:19.899*)
- **GHG emissions (2019):** 25.363 MT
- **GHG emissions/capita (2019):** 4.11 compared to Mexico 3.47 in 2019
- **GHG emission reductions target (2030):** 377,326.07 tCO₂e, corresponding to a 35% reduction from the state's 2021 emissions baseline
- **GHG emission reductions target (2050):** 653,440.16 tCO₂e, corresponding to a 35% reduction from the state's 2021 emissions baseline
- **Sectoral target:** NA
- **Renewable electricity production** Total of 1,046 Gigawatt-hours, representing 10.42% of electricity generated in Guanajuato in 2019. Photovoltaic energy: 71.39%; Wind energy: 26.28%; Mini-hydro: 2.08%; Bioenergy: 0.25%.
- **Energy consumption:** Gasoline: 26.25%; Natural Gas: 22.89%; Diesel: 22.07%; Electricity: 17.66%; Liquefied Petroleum Gas: 7.63%; Renewable Energies: 2.03%; Kerosene: 1%; and Fuel Oil: 0.54%.

CARBON PRICING MECHANISM

- **Entry into force:** 1st June 2023
- **Type:** Carbon Tax.
- **Covered sectors:** The tax will be incurred when individuals and legal entities within the state's territory that have fixed sources where activities are carried out which generate emissions to the atmosphere subject to the tax, emit the following greenhouse gases: Carbon dioxide, Methane, Nitrous oxide, Black carbon, Hydrofluorocarbons, Perfluorocarbons.
- **Cap trajectory 2023 to 2030:** NA
- **Auctions:** NA
- **Carbon price (2024):** \$100.00 MXN or in 4.79 USD (*exchange rate:20.869 – 31 dic 2024*)
- **Revenue use:** The revenue obtained from tax collection is allocated to the Programme *Invierte en el Ambiente*, with published guidelines, and is used on actions for health protection, environmental protection and climate change.
- **Main mitigation policy:** [Environmental Remediation Tax for Pollutant Gas Emissions, contained in the Tax Law of the State of Guanajuato.](#)
- **Carbon pricing mechanism** reference sources: [Environmental Remediation Tax for Pollutant Gas Emissions, contained in the Tax Law of the State of Guanajuato.](#)