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Czech Republic Becomes Greener Again: CO₂ Emissions Declined Further in 2025

Greenhouse gas emissions released into the atmosphere in the Czech Republic fell by 1.3% in 2025 compared with 2024. The data comes from the Union Registry of the European Union, administered in the Czech Republic by OTE. The reporting obligation applies to companies operating stationary installations and to aircraft operators included in the EU Emissions Trading System (EU ETS).

Total emissions in 2025 reached **40.4 million tonnes of CO₂e**, continuing the long-term downward trend in emissions of CO₂, N₂O and PFCs (collectively “CO₂e”) within the EU ETS in the Czech Republic.

Emissions in the Czech Republic (EU ETS):

- **2024:** 40.9 million t CO₂e
- **2025:** 40.4 million t CO₂e
- **Year-on-year change:** –1.3%

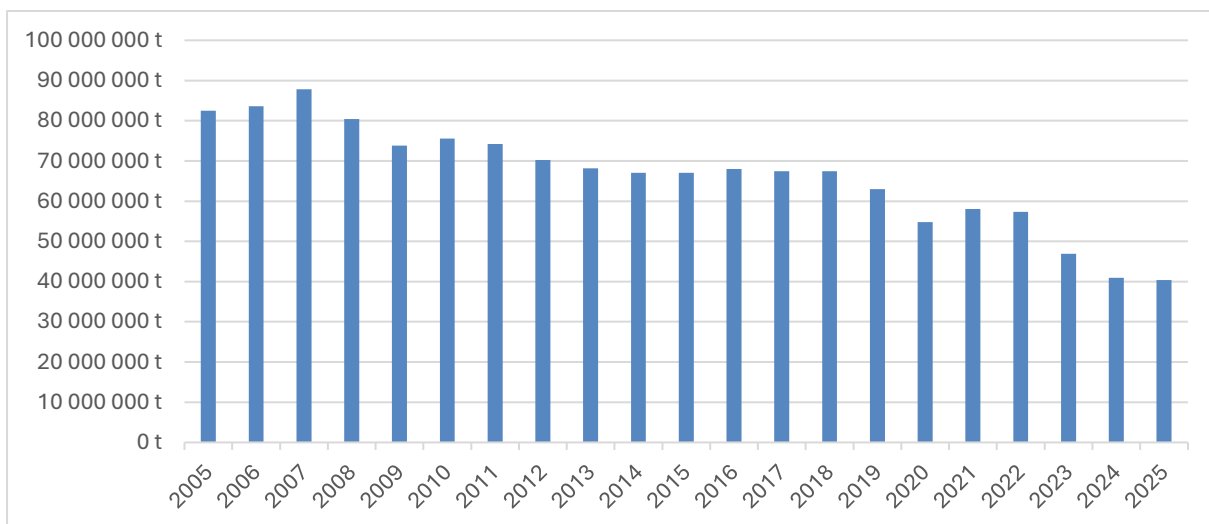


Fig.: Development of CO₂e emissions in the EU ETS in Czechia

Emissions Monitoring and Reporting

The obligation to monitor greenhouse gas emissions released in the previous calendar year and subsequently surrender the corresponding number of allowances applies to:

- Operators of stationary installations holding a permit from the Ministry of the Environment to emit greenhouse gases.
- Aircraft operators holding an operating licence issued in Czechia or falling under Czech administration according to the European Commission’s list.

In 2025, stationary installations emitted **40.028 million tonnes of CO₂e** (–1.3% year-on-year), while aircraft operators emitted **380 thousand tonnes of CO₂e** (–0.8% year-on-year).

Emission and allowance records are maintained in the Union Registry of the European Union, for which OTE serves as the national administrator.

OTE, a.s.

OTE, a.s., holds a license for market operator activities, which includes the electricity and gas market in the Czech Republic. A Nominated Electricity Market Organizer (NEMO) is established by the Energy Regulatory Office, which ensures a unified connection of the day and intraday markets. It acts as the National Administrator of the Permit Trading Register.

As a market operator and nominated organizer of the electricity market, OTE ensures, among other things, the organization of trading on the day-ahead, intraday electricity market and the intraday gas market in the Czech Republic, and in this activity participates in the organization of the unified EU electricity market. It performs accounting and financial settlement of deviations between the contractual and actual values of electricity and gas supplies and withdrawals and ensures the administrative change of the supplier of both commodities. Furthermore, it provides the participants of the electricity and gas market in the Czech Republic with continuous processing and exchange of data and documents for their activities on the electricity market and the gas market, and reports business data from short-term OTE markets to the database of the Agency for the Cooperation of Energy Authorities (ACER).

In the name of the Czech Republic and on its account, it supplies settlement entities or takes gas from them when receiving or providing international aid in the gas industry. It administers and pays out compensation payments according to the Act on Measures for the Czech Republic's Transition to Low-Carbon Energy.

It is responsible for the administration of the system for the payment of support for supported energy sources. It issues and registers guarantees of the origin of energy and keeps records of the implementation of the use of renewable resources in transport. It ensures many other activities contributing to the development of the energy sector in the Czech Republic and Europe.

More information can be found at www.ote-cr.cz.