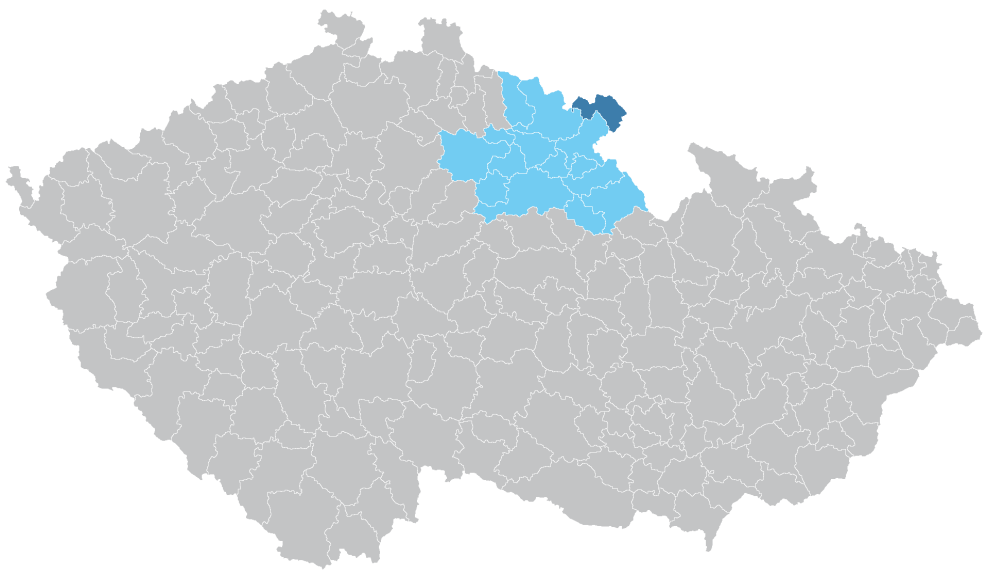
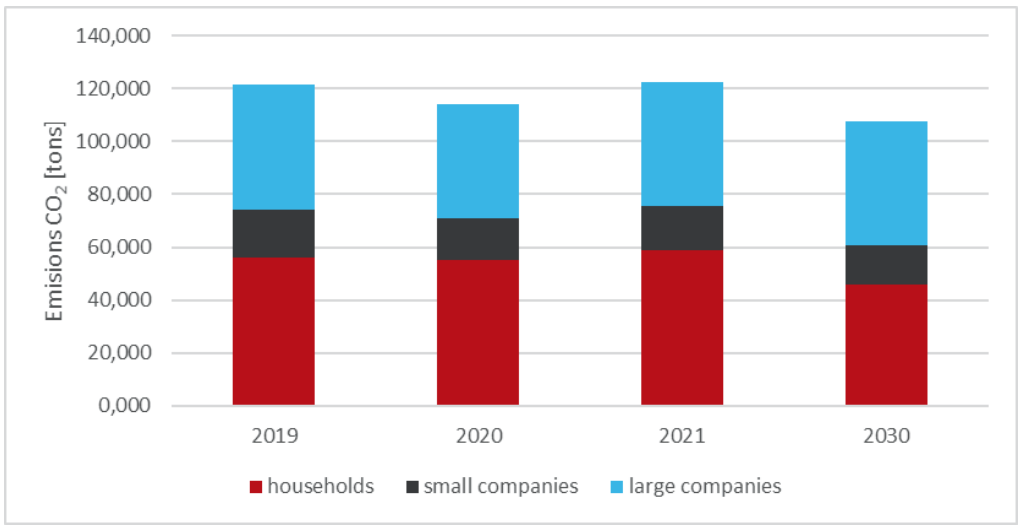
Broumov Region



The Broumov Region is located in the northeastern borderlands of Czechia.

The picturesque Broumov Basin, nestled among a ring of mountains and forests, boasts an 800-year history and a rich architectural and cultural heritage. In 1213, King Přemysl Otakar I donated the territory of Broumov to the Benedictine Order. In the deed of donation, the area was described with the words "a dreadful land in a vast wilderness." It was once a densely populated region (in 1910, nearly 38,000 people lived there), but over the years it has gradually lost its inhabitants. At present, tourism is the main area of development in the Broumov region. More and more visitors are appreciating the beauty of the local landscape.



Population: 24,273 (31.12.2023)
CO2 2021: 122,331 tons
CO2 2023: 107,728 tons

CO_2 emissions

In 2021, total CO_2 emissions in the Broumov region amounted to approximately 122,331 tons per year. The largest share came from households (48%), followed by large-scale consumers (38%) and small-scale consumers (14%). The main sources of emissions included electricity, brown coal, and natural gas. Projections for 2030 estimate a reduction to about 107,728 tons of CO_2 annually, representing a 12% decrease compared to the 2021 baseline. The most significant reductions will be achieved in the residential sector through the replacement of coal boilers with heat pumps and increased use of biofuels.

Proposed measures

Proposed measures include thermal insulation of buildings, modernization of heating systems, installation of photovoltaic power plants, and the development of community energy initiatives.
In the residential sector, targeted support for low-income households, awareness-raising, and access to grant schemes are key. For public buildings, the focus is on installing solar panels, implement- ing energy-saving measures, and transitioning to emission-free heating systems. The region does not aim for complete energy self-sufficiency but rather for greater energy security, efficiency, and the use of local renewable energy sources.

Co-funded by the European Union

The project is financed by the European Union's LIFE programme. GA number: LIFE21CET LOCAL CEESEU DIGIT/101077297.