

Bayerisches Staatsministerium für Wirtschaft, Landesentwicklung und Energie

Topics

Energy & Natural Resources

Renewable energies

RENEWABLE ENERGIES

As renewable resources, hydro and wind power, bio energy, solar energy, ambient heat and geothermal energy already make an important contribution to the energy supply. In this respect, Bavaria assumes a leading role in Germany. At approximately 18 percent, the current share of renewable energies in Bavaria's primary energy consumption is significantly higher than Germany's national average, which is 12.5 percent.

For an energy supply free of nuclear power, we must continue to exploit all economically and ecologically responsible renewable forms of energy available in Bavaria on a broad basis. To that end, priority is given to economically affordable, socially acceptable and simultaneously environmentally sustainable solutions. We focus on targeted funding of innovative technologies, also with regard to the affordability of the energy supply, thereby making an important economic and structural contribution to strengthening rural areas in Bavaria, which is where a majority of value creation in renewable energies occurs.

The following targets have been set:

Energy consumption

- 10 percent reduction in primary energy consumption by 2025 compared with 2010
- Reduction of power consumption increase to a minimum

Energy efficiency

- Increase in primary energy productivity by at least 25 percent by 2025 compared to 2010

Renewable energies

- Cover 20 percent of final energy consumption from renewable energies by 2025
- 70 percent of electricity generation from renewable energies by 2025

Energy-related CO₂ emissions

- Reduction of energy-related carbon dioxide (CO₂) emissions to 5.5 tonnes per capita by 2025

Bavaria relies on a balanced mix of different measures and on stable and resilient structures embedded in the three-pillar strategy: "efficient use of energy", "sustainable electricity generation" and "necessary electricity transport".