

# Tasks

- debate about decarbonization
- Climate Neutrality Portal
- regeneration of the energy cluster concept and pilot development of a cluster or energy cooperative model
- creation of a team to coordinate the implementation of the LSES - Regional Center of Climate Competence
- creation of a cooperation network of Local Climate Advisors - courses, post-graduate education, preparation of a network of advisory points
- adaptation of the methodology for calculating emissions and absorption of CO2 including blue and green infrastructure - CO2 balance
- adaptation of the methodology for calculating and determining energy demand - energy balance
- educational programs for local communities, local government administration, residents, youth entrepreneurs
- study the level of energy poverty and develop solutions for its reduction
- preparation and implementation of a zero-emission transportation concept, together with pilot projects at the local level

# Partnership

The project partnership consists of:

- **regional government:** the Lower Silesian Voivodeship - Institute for Territorial Development (project coordinator),
- **local government units** (10 Lower Silesian municipalities),
- **University** - Wrocław University of Environmental and Life Sciences,
- **non-governmental organizations and economic entities**, including energy clusters (8),
- **foreign partner** - Bundesamt für Bauwesen und Raumordnung.

## Contact ●

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Green energy



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# PEARL - LIFE PL

New Paradigm of Emission-free Advancements and Resourceful Lifestyles in Poland

Project applying for funding  
by the European Union from the LIFE Program



# Project objectives

To accelerate the implementation of **Lower Silesia Energy Strategy — Directions of Support for the Energy Sector (LSES)** and to achieve the province's climate neutrality sooner and mobilize financing for full implementation of the LSES.

## Objectives of the project:

1. Accelerate decarbonization of conventional energy sources.
2. Strengthen the activity of energy clusters and energy cooperatives focused on leveraging local potential in the implementation of the LSES.
3. Build institutional and competence capacity necessary for full implementation of the LSES.
4. Increase use of renewable energy sources and energy storage technologies in residential construction, civic energy.
5. Improvement of access to financing for climate neutrality investments and reducing energy poverty.
6. Implementation of the zero-emission transportation concept.



main objective of the LSES:

## Lower Silesia 2050 - a climate-neutral region

### LOWER SILESIA ENERGY STRATEGY - DIRECTIONS OF SUPPORT FOR THE ENERGY SECTOR (LSES)

document adopted by the Lower Silesian Voivodeship Board on October 25, 2022.

### Operational objectives of the LSES:

- Improvement of air quality.
- Development of research and innovation in the area of energy.
- High energy efficiency, also referring to space management.
- Increased use of renewable energy sources and energy storage technologies.
- Community energy, including prosumers, clusters and energy cooperatives.
- Security, including reduction of energy poverty.
- Information and education.

## Implementation time

Phase 1 - 3 years - 01.01.2025-31.12.2027

Phase 2 - 4 years - 01.01.2028-31.12.2031

Phase 3 - 3 years - 01.01.2032-31.12.2034

## Budget

**total cost: €16,868,550**

with the assurance of co-financing by NFOŚiGW

**Implementation of the PEARL-LIFE PL project will enable the mobilization of financing from complementary funds** such as the European Regional Development Fund, including the European Funds for Lower Silesia 2021-2027, the European Social Fund+, the Fund for Equitable Transformation.

