



# POWER4JUST TRANSITION

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Implemented by:



Federal Ministry  
for Economic Affairs  
and Energy



Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH



Ministry  
of Energy  
of Ukraine



MINISTRY  
FOR DEVELOPMENT

# PROJECT GOAL

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The Power4Just Transition Program aims to enhance energy security and foster inclusive local economic development in Ukraine's coal regions.

The project applies the just transition approach in response to the war's impact and in the alignment with Ukraine's EU accession goals, supporting the shift to a resilient, green, and socially fair energy future.

# ACTION AREAS

**1**

**National Policy  
and Strategy**

**2**

**Regional  
Empowerment**

**3**

**Financing**

**4**

**Infrastructure  
& Recovery**

# NATIONAL LEVEL

## ACTION AREA 1



Improving strategic, regulatory and institutional framework for the just transition and reconstruction, in line with EU accession requirements.



Providing technical advice on coal phase-out, renewable energy integration and emission reduction.



Facilitating dialogue among national, regional and international stakeholders.



Supporting the Ministry of Energy, the Ministry for Development of Communities and Territories, and the Ministry of Economy, Environment and Agriculture of Ukraine in adapting policies to EU standards.



Promoting partnerships with German and international businesses for green investments.

# REGIONAL AND LOCAL LEVEL

## ACTION AREA 2



Promoting sustainable economic development through diversification of local economies and support of SMEs.



Enhancing vocational education in coal regions through green skills development, requalification programmes, and employment services for inclusive labor market reintegration.



Enhancing energy resilience of coal communities and regions.



Supporting coal regions in design and implementing Territorial Just Transition Plans.



Strengthening capacity of local leaders and institutions for sustainable, inclusive change and green energy transition.

# FINANCING

## ACTION AREA 3



Developing financing mechanisms combining public, private, and international resources and integrating risk management tools and blended finance models to enhance financial resilience, bundled into a financing roadmap for the State Target Program.



ROOTS Grant Programme (ROOTS - Regional Opportunities for Just Transition and Sustainability Grant Programme) supporting small-scale projects in coal regions.



Training local stakeholders to access and manage national and international funding to increase local ownership and quality of life for local populations.



Facilitating investment in renewable energy and green economy initiatives for a sustainable transition of coal regions, including through preparation projects for investment from international investors.



# INFRASTRUCTURE AND RECOVERY

ACTION AREA 4



Introducing renewable energy solutions to reduce dependence on fossil fuels.



Integrating actions regarding grid connection and strengthening energy security and resilience on the regional and local level.



Rehabilitating war-damaged infrastructure with green reconstruction principles: transformers, solar panels, heat pumps, combined heat and power plants.



On demand, train local stakeholders to install, maintain, and optimize these systems.



Building long-term partnerships with private sector stakeholders and encouraging interest in the Ukrainian energy market.

# PROJECT MAP



# PARTNERS

## Key Ukrainian partners:



Ministry  
of Energy  
of Ukraine



Ministry for Development  
of Communities  
and Territories of Ukraine



MINISTRY OF  
ECONOMY  
OF UKRAINE



Cabinet of  
Ministers of Ukraine

- Ministry of Energy of Ukraine
- Ministry for Communities and Territories Development of Ukraine
- Ministry of Economy, Environment and Agriculture of Ukraine
- Cabinet of Ministers of Ukraine
- Local authorities, civil society organizations, and business associations

## Regional and local administrations:



львівщина  
люди дії



ВОЛИНЬ  
унікальна



ДНІПРОПЕТРОВСЬКА  
ОБЛАСНА ВІЙСЬКОВА  
АДМІНІСТРАЦІЯ



- Lviv Regional State Administration
- Volyn Regional State Administration
- Dnipropetrovsk Regional State Administration
- Ladyzhyn City Territorial Community

# RESULTS OF GERMAN-UKRAINIAN COOPERATION ON STRUCTURAL CHANGE



**3 Territorial Just Transition Plans** developed



Trained over **400 participants** at Sheptytskyi Renewable Energy Training Center



Established more than **14 start-ups**, including **3 founded by former miners and their families**



Created Ukraine's first industrial park in Sheptytskyi, projected to generate **3,000 new jobs**



Launched the **Association of Coal Communities of Ukraine (ACCU)** to strengthen regional cooperation and advocacy

# REGIONAL FRAMEWORK – TERRITORIAL JUST TRANSITION PLANS

## WHAT ARE TJTPS?



- Territorial Just Transition Plans (TJTPs) are strategic regional documents that guide **coal-dependent areas toward sustainable and diversified economies in line with EU standards.**
- TJTPs are the **basis for mobilising financing**
- Developed through **inclusive, participatory processes** to ensure **ownership and engagement** of all local stakeholders.
- Built upon the EU example, TJTPs build a bridge towards **EU alignment and compatibility with EU standards and approaches**

## CURRENT STATUS: APPROVED TJTPS IN UKRAINE

*Lviv region – the first approved regional TJTP in the country*

*Volyn region – approved in 2024*

*Sheptytskyi community – approved in 2025*

## KEY ALIGNMENT



- All TJTPs are consistent with **EU Cohesion Policy 2021–2027**
- Address **region-specific socio-economic and environmental needs**

# STRUCTURE

Socio-economic analysis, strategic choice, goals, list of projects, strategic environmental assessment

## LVIV TJTP

47 PROJECTS

### GOALS

- 1) Energy transition and clean environment of the microregion for the livelihood of different generations and social groups of the population
- 2) The new competitive economy of the coal microregion
- 3) The coal microregion is adapted to the new social needs of residents

## VOLYN TJTP

34 PROJECTS

### GOALS

- 1) The transformed economy of Volyn Coal Microregion contributes to the sustainable development and innovativeness of the microregion
- 2) Environmental sustainability and green transition shape the attractiveness of the microregion for future generations
- 3) Modernized infrastructure is adapted to the needs of residents and businesses in the microregion
- 4) High-quality education and training system meets the new requirements of the microregion's labor market
- 5) The comprehensive system of social support for former employees of coal mining enterprises and other vulnerable groups is inclusive and accessible
- 6) The transition management system is transparent and socially responsible

## SHEPTYTSKYI TJTP

40 PROJECTS

### GOALS

- 1) Diversified community economy based on the development of new closed-loop innovation clusters and decarbonization
- 2) Modern comfortable social infrastructure and energy-efficient community life support system
- 3) Clean environment and development of green energy

# The Lviv potential for RES Investments

Lviv Coal Microregion is transitioning from coal to climate-neutral economy.

Spatial planning to align land use, infrastructure, and RES investments.

Vital for synchronizing coal phase-out with new RES capacity.

# The Lviv potential for RES Investments

Repurpose post-coal lands for RES.

Develop distributed energy systems for resilience.

Modernize public buildings with RES and efficiency upgrades.

# The Lviv potential for RES Investments

7 RES facilities – total 19.648 MW.

Wind (39.6 MW) and new hydro projects in pipeline.

222 ha of land + 30–40 ha of mine sites suitable for RES.

# The Lviv potential for RES Investments

Renewable Energy Training Center in Chervonohrad.

Skills and retraining programs for workers.

Link RES expansion with land restoration and circular economy.

# Key Message

Lviv has land, institutions, and plans ready for RES scaling.

Spatial planning anchors just transition and investment clarity.

Model region for cross-border renewable energy cooperation.

# Power4Just Transition

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