

Marshal Office of the Lubelskie  
Voivodeship in Lublin



# **TERRITORIAL JUST TRANSITION PLAN FOR THE LUBELSKIE VOIVODESHIP**



ZBIGNIEW WOJCIECHOWSKI  
DEPUTY MARSHAL OF THE LUBELSKIE  
VOIVODESHIP

LUBLIN, JUNE 11 2021

## Basic regional conditions - resulting from the specificity of the Lubelskie Voivodeship as a "coal region"

- 1 LW Bogdanka's good economic condition;
- 2 LW Bogdanka - one of the largest employers in the voivodeship;
- 3 Making the budgets of various communes independent of the revenues from the activities of the mine and its co-operators;
- 4 Relatively weak economic diversification of the transformation area - an area with a dominant agricultural function;
- 5 Favorable natural conditions for the development of energy based on renewable energy;

## Transformation challenges and planned operations:

- Providing people affected by the effects of the transformation the possibility of proper functioning on the labor market,
- Creation of economic specializations alternative to mining and ensuring the possibility of stable development, based on green technologies and a circular economy,
- Systemic development of renewable energy installations allowing to build energy security,
- Improving the condition of the natural environment, including eliminating the negative environmental effects of the mine's operation,
- Development of low-emission public transport.

## The course of transformation

### 1. The energy transformation of the region depends primarily on **diversifying the activities of LW Bogdanka**

- reduction of thermal coal extraction
  - by 33% after 2030
  - by 74% from 2040
- Diversification of Bogdanka's activities (non-carbon initiatives: RES, circular economy, energy cluster) for mitigating of the negative effects of transformation

## 2. The planned transformation process takes into account counteracting the threats of energy poverty

- increasing the importance of local energy - RES development (photovoltaics and biomass), energy self-balancing areas (cooperatives / clusters and energy storage)

**Objective:** increase in the share of renewable energy sources to at least 45% in electricity production in 2030

- systemic actions for: improving the energy efficiency of buildings, facilities and processes, switching systems and individual sources heat supply for low and zero emission technologies

**Goal:** reduce CO2 emissions by 35% by 2030



# Territorial Just Transition Plan for the Lubelskie Voivodeship

## Delimitation of the area of transformation

criteria:

### Mining Area Coverage and Environment

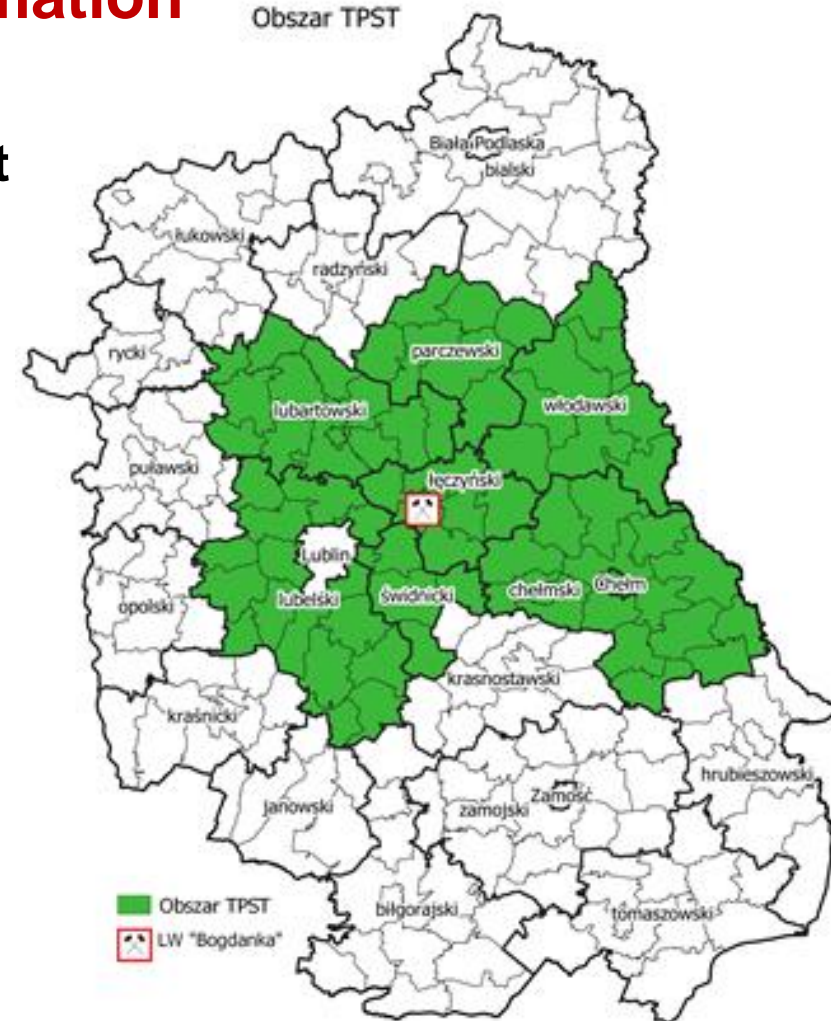
- Exploited deposits and mines
- CO2 emitters
- Environmental impact

### Labor market:

- The employed at Bogdanka
- Cooperating enterprises (number)
- Unemployment rate

### Economy:

- Enterprises cooperating with Bogdanka (scale)
- Importance for local government budgets



# Territorial Just Transition Plan for the Lubelskie Voivodeship

## Key Effects:



Sektory, w których nastąpi znaczne ograniczenie działalności

**Employment decline at BCM** and the demand for employees of other companies:

- 1.7 thous. people (23.3%) by 2030
- 3.6 thousand people (49%) by 2040



Sektory podlegające transformacji

Estimated **employment decline:**

- 2.1-2.5 thousand people by 2030
- 4.4-5.2 thous. people by 2040

Main industries: industrial processing, transport and warehouse management, construction, activities in the field of administration services, wholesale and retail trade as well as professional, scientific and technical activities.

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## Key Effects:



Zapotrzebowanie na nowe kwalifikacje

In the following industries: construction, electricity, electronics and mechatronics and ICT, mechanical and automotive, metallurgy, forwarding and logistics, wood and furniture, environmental protection, medical care, food service and hospitality, catering and tourism. Necessity to change the profile of mining schools.



Ryzyko depopulacji i wzrostu ubóstwa energetycznego

Estimated scale of depopulation (without intervention from TJTP):

- 30-32.5 thousand people in pre- and working age after 2040



## TJTP objectives



**1. Diversified, green and zero-emission economy**



**2. Active and competent society**



**3. Clean energy and heating as well as energy security**



**4. Integrated high-quality space**

# Territorial Just Transition Plan for the Lubelskie Voivodeship

## Extensive cooperation with various actors related to the Just Transition process



**Enterprises and business environment institutions:** LW Bogdanka S.A., Cemex S.A., Foundation for Lubelskie Development, Lublin Development Foundation, Lublin Agency of Entrepreneurship Support



**Local government units:** Puchaczów, Cyców, Ludwin, Łęczna, Chełm, poviats and communes from the transformation area (joint workshop)



**Institutions and organizations for environmental protection:** RDEP, RIEP, Centre for Wetland Conservation and Management, Poleski National Park



**Institutions and organizations of the labor market and education:** Voivodeship Labour Office, Mining School Complex in Łęczna, *Kadra* Alliance of Trade Unions

Urząd Marszałkowski  
Województwa Lubelskiego  
w Lublinie



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**THANK YOU  
FOR YOUR ATTENTION**

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