



LIFE IP North-HU-Trans

LIFE19 IPC/HU/000009

Sharing experiences on decarbonization and just transition - LIFE IP North-HU-Trans

Dr. Zsuzsa Piskóti-Kovács

Head of unit

Coal Commission Secretariat

Eszterházy Károly Catholic University

piskoti.zsuzsa@uni-eszterhazy.hu

04 - 12 - 2025

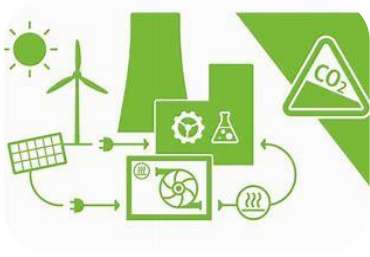
**16th Meeting of the Carpathian Convention
Implementation Committee**

**FOR JUST
TRANSITION**

1. Key information

- **Duration:** 9 years (2020 – 2029)
- **Partnership:** 22 partners – coordinated by the Ministry of Energy
 - Central and local administration
 - Other public bodies (*Eszterházy Károly Catholic University represents the sector of academia*)
 - Trade Unions and Chambers
 - Private commercial entities
 - NGO
- **Main objective:** to support the implementation of the National Energy and Climate Plan, with a special emphasis on the decarbonization of Mátra Power Plant
- **Budget:** 14.878.324 EUR

2. Objectives



***Decarbonisation,
GHG emission
reduction***



***Economic
diversification***



Capacity-building



***Sustainable and just transition
for lignite-sector employees***



***Recultivation of
post-mining sites***



***Mobilization of
complementary
funds***



***To develop a
favourable
regulation
environment for
the full
implementation
of the NECP***



***Develop, test and
evaluate
renewable-based
and innovative
flexibility
solutions***



***Reduction of
energy poverty in
the (low-income)
households using
lignite for heating***



***Greening public
transport in the
region and
preparing for
nation-wide
replication***



***Dissemination of
results, awareness-
raising and
knowledge sharing***

3. The core challenge

Mátra Power Plant (state owned)

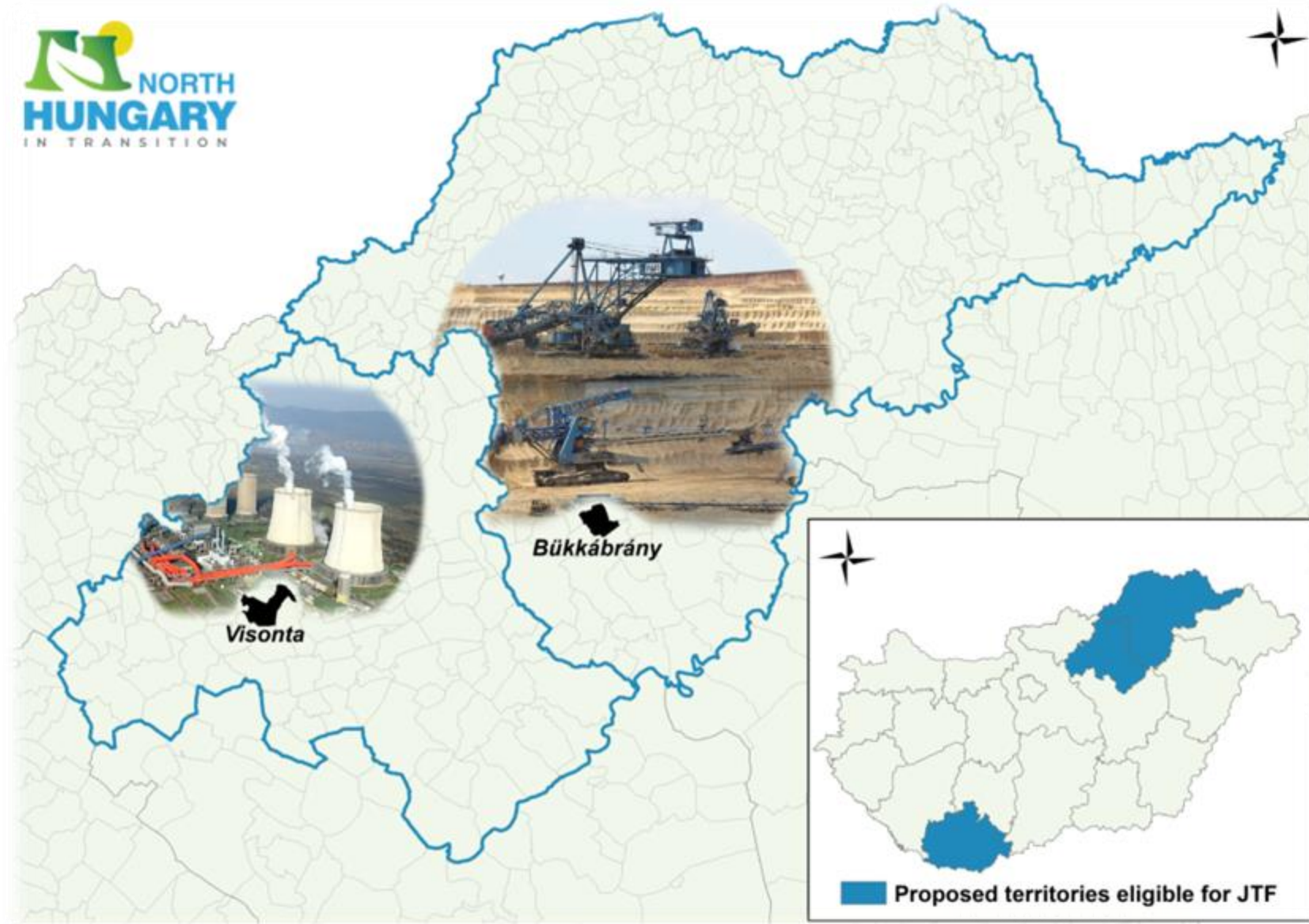
Open pit lignite mines

25 % of economic performance of Gyöngyös district

High operation costs (carbon quota)

Coal accounts for 6,4% of Hungary's electricity generation (2024)

Directly affected employees: 2 000
Indirectly: 5-6000



4. The connection of the LIFE program to the just transition

Preparation phase (2020 – 2022)

Establishment of Hungarian Coal Commission (Ministry of Energy+EKCU)

- **Need assessment (stakeholders) -> inputs for the Territorial Just Transition Plans**
- **Continuous consultation platform -> providing transparency with direct communication**
- **Preparatory actions: studies** (how the transition will effect the region from socio-economic aspects)
- **Recommendations**

Implementation phase (2023-)

Knowledge transfer & information from the ground

- **CC is recognized as official stakeholder committee of the Northern Hungarian coal region by the European Commission**
- **Participation in the review of the TJTPs (reassessment of needs)**
- **Building connections with other coal regions – sharing the good practices with the MA and policy-makers**
- **Membership in the relevant monitoring committee of the Environment and Energy Efficiency Operational Programm Plus**



5. Mid-term results (examples)



Economic diversification

Number of companies involved into the MENTOR PROGRAM: 203
Providing exhibitor appearance opportunities; Foreign exhibition visits; Trainings; Consulting services

ESTABLISHMENT OF DECARBONIZATION AWARD



Develop, test and evaluate renewable-based and innovative flexibility solutions



SCAN ME



Sustainable and just transition for lignite-sector employees

Competence survey among the employees of Mátra Power Plant including:

- 1. Determination of positions**
- 2. External labour force analysis**
- 3. Analysis of competences**
- 4. Determination of training pathways**
- 5. Training plans**

Small solar power project with 200 kWp capacity

Artificial Inertia Prototype

Clean energy storage for a balanced solar power plant prototype and Self-sufficient energy storage

Thanks for your kind attention!

Dr Zsuzsa Piskóti-Kovács

 [Zsuzsa Dr Piskóti-Kovács | LinkedIn](#)