



LIFE IP North-HU-Trans

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# LIFE-IP North-HU-Trans - North Hungary in Transition – Project overview

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**AZ IGAZSÁGOS  
ÁTMENETÉRT**

# General project information and partnership

- **Funding programme:** EU LIFE programme, Climate Action sub-programme
- **Project type:** Integrated Project (IP)
- **Title:** *Secure and start implement an effective roadmap for the low-carbon transition of the single largest coal-region in Hungary*
- **Acronym:** LIFE-IP North-HU-Trans
- **Project duration:** 01/09/2020 – 31/10/2029 (9 years)
- **Total budget:** 14.878.324 EUR
  - EU co-financing requested: 8.926.994 EUR (60%)
  - Own contribution: 5.951.330 EUR (40%)
- **Partnership:**
  - Coordinating Beneficiary: **Ministry for Innovation and Technology (MIT)**
  - Associated Beneficiaries: **21 partners** – 1 background institution, 2 county government offices, 3 local municipalities, 1 central authority, 1 university, 8 enterprises, 1 civil organisation, 2 national trade unions, 2 county chambers of commerce and industry
  - Cooperating partners (Affiliated Entities): 2 affiliates of the 2 national trade unions linked to Mátrai Power Plant (MPP)



**Members of the consortium (22) – 1 *coordinating* és 21 *associated beneficiaries***

## Central and local government bodies

- Ministry for Innovation and Technology (MIT)
- Western Balkans Green Center (WBGC)
- B-A-Z and Heves county government offices (BCGO, HCGO)
- Abasár, Bükkábrány and Markaz municipalities

## Enterprises

- Enterprises of the MVM Group: MVM Ltd., MVM Mátra Energy Ltd., MVM ERBE Power Engineering & Consulting Private Company Limited, MVM Optimum PLC., MVM Démász Áramhálózati Ltd., MVM Balance Private Limited Company, MVM Green Generation Limited Liability Company
- Regional Centre for Energy Policy Research (REKK)

## Other public bodies

- Hungarian Energy and Public Utility Regulatory Authority (MEKH)
- Eszterházy Károly Catholic University (EKCU)

## Trade unions, chambers

- B-A-Z County Chamber of Commerce and Industry (BCCI)
- Heves County Chamber of Commerce and Industry (HCCI)
- Trade Union of Mining, Energy and Industry Workers (BDSZ)
- Trade Union of Electricity Workers (EVDSZ)

## Civil organisations

- Hungarian Charity Service of the Order of Malta (MALTA)

**Cooperating partners (2):** MPP Trade Union of Mining, Energy and Industry Workers (ME BDSZ), MPP Trade Union of Electricity Workers (MEVISZ)

# Scope of the project

**Policy scope:** effective implementation of the Hungarian National Energy and Climate Plan (NECP)

**Technical scope:** Sustainable and just decarbonisation and transition of the Mátrai Power Plant (MPP) and its region, which is currently responsible for around 10% of total domestic CO<sub>2</sub> emissions and 15% of power generation. Energy efficiency, green transport, policy uptake and overcoming legal barriers, capacity-building, training and awareness-raising.

**Geographical scope:**

- **Regional:** Operating lignite-fired units of the MPP are based in Heves (Visonta) és Borsod-Abaúj Zemplén (Bükkábrány) counties, therefore, pilot and demonstration actions of the IP focus on these areas.
- **National:** Policy uptake, capacity building and training will be implemented on national level.
- **Transnational:** Learning and disseminating best practices and awareness-raising will be implemented on national and EU-level



# Project objectives

- 1. Climate change mitigation, decarbonisation, coal phase-out** – achieving strategic objectives of the NECP;
- 2. Develop, test and evaluate renewable-based and innovative flexibility solutions at the post-mining sites;**
- 3. Capacity-building** - recruitment and training of decarbonisation and coal phase-out experts;
- 4. Sustainable and just transition for lignite-sector employees;**
- 5. Recultivation of post-mining sites;**
- 6. Mobilization of complementary funds** - for the region and Hungary and for the implementation of decarbonisation measures;
- 7. Assessment and removal of legal barriers** - creating a favourable regulation environment for the full implementation of the NECP;
- 8. Economic diversification in the post-coal region;**
- 9. Reduction of energy poverty in the (low-income) households using lignite for heating;**
- 10. Greening public transport in the region and preparing for nation-wide replication;**
- 11. Dissemination of results, awareness-raising and knowledge sharing.**

# Expected results in numbers

## Decarbonisation

- › - 6.5 million tonnes CO<sub>2</sub> emission reduction;
- › Gradual phase out of the total 884MW lignite-power power capacities in Hungary by 2030;
- › 5 innovative prototypes to replace coal-fired technology;
- › 1 toolkit of innovative technologies for the protection of weather-dependent renewable infrastructures;
- › 1 innovative prototype of combined energy community and households' energy efficiency to replace residential lignite use and reduce energy poverty;

## Just Transition

- › Establishment and operation of a national Coal Commission;
- › Contribution to the „*Territorial Just Transition Plans*” for Heves és B-A-Z counties;
- › Trainings and knowledge sharing for 500 workers and miners of the MPP;
- › 250 companies among the 951 affiliated and supply chain companies of MPP will enter new markets and supply chains and find new clients and customers.

**For the continuation, replication and transfer of the above results: replication actions, complementary actions**



# Thank you for your attention!

