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

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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)
**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

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

**Enterprises**
- Regional Centre for Energy Policy Research (REKK)

**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)

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**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 Mátra Power Plant (MPP) and its region, which is currently responsible for around 10% of total domestic CO\textsubscript{2} 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 CO₂ 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!