



LIFE IP North-HU-Trans

LIFE19 IPC/HU/000009

LIFE-IP North-HU-Trans

„For Just Transition”

**AZ IGAZSÁGOS
ÁTMENETÉRT**

Hungary's National Energy and Climate Plan (NECP)

- Adopted by the Hungarian Government on 8 January 2020 and submitted to the European Commission.
 - Duration: 2016-2030
 - 40% reduction in gross GHG emissions vs 2030
 - 5 dimensions:
 - Decarbonization
 - Energy efficiency
 - Energy security
 - Internal energy market
 - Research, innovation and competitiveness
- Content:
- Current situation
 - Objectives
 - Projections with existing measures
 - Existing and additional measures
 - Impact analysis of additional measures

Objectives in the field of lignite phase-out:

- Conversion of the lignite-fired Mátra Power Plant to low carbon technologies by 2030
- Substitution of domestic heating energy with clean energy and reduction of energy consumption.
- Special attention should be paid to the diversification of the region's economy and labour market and to a just transition

General information about the project

- **Funding programme:** EU LIFE programme, Climate Action sub-programme
- **Project type:** Integrated Project (IP)
- **Title:** *Secure and start to 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%)



Project Scope

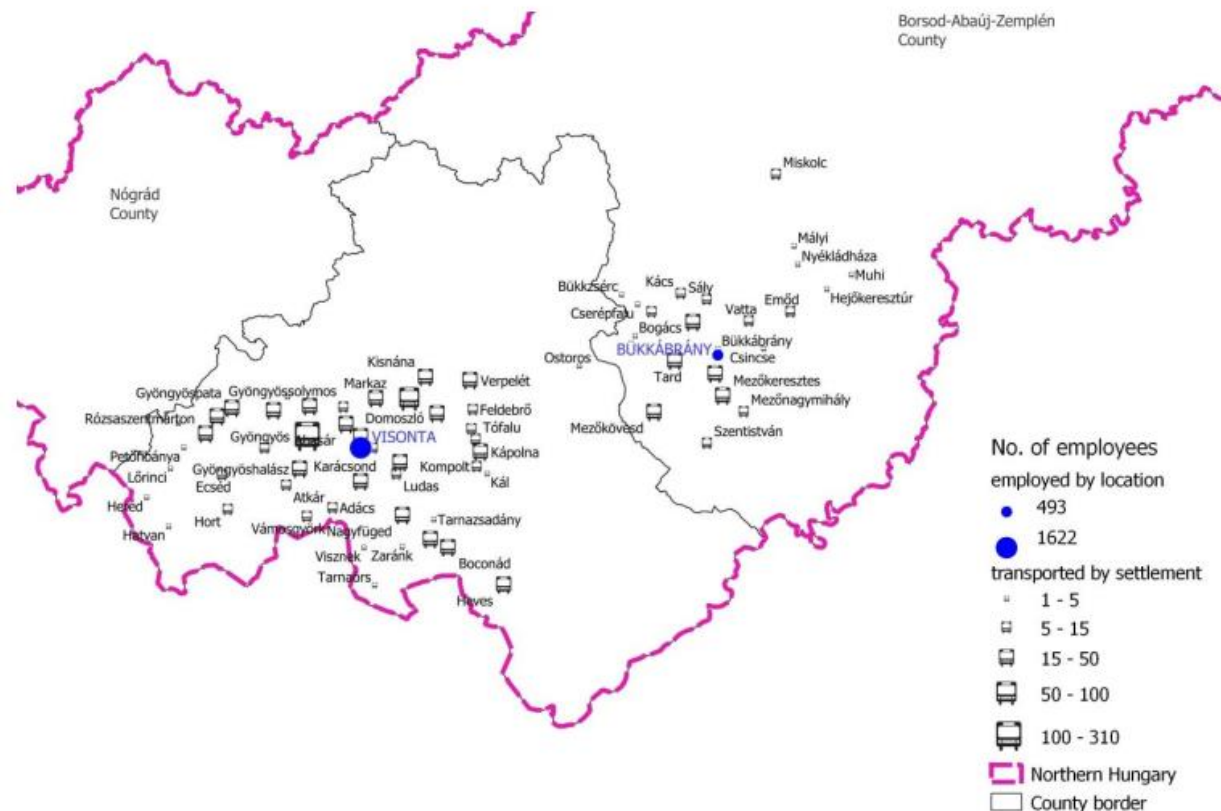
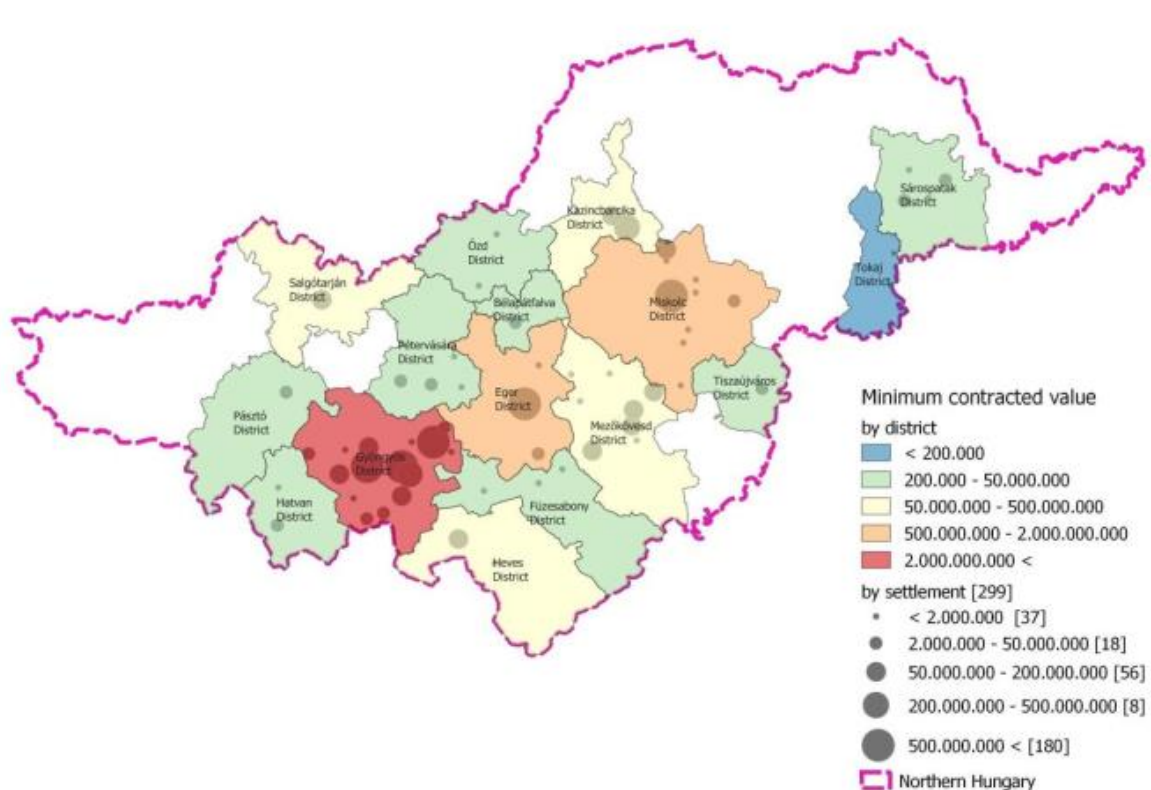
- **Policy scope:** facilitating the effective implementation of the Hungarian National Energy and Climate Plan (NECP)
- **Technical scope:** Sustainable and just decarbonisation and transition of MPP and its region, which is currently responsible for ~9 % of total Hungarian GHG emissions and ~11 % of power generation (2019). 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) and *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.

Geographical scope



- 11.5% of the total population
- GDP per capita in PPS is 49% of the EU average
- Activity rate: 59.7%, relatively low

Economic and social importance of the power plant



- Nearly 1,000 supply chain companies have contracts with MPP
- Heat for 6 industrial companies
- Benefits for other industries

- Business tax for 11 municipalities
- 2,100 direct jobs in one power plant and two mines (average age 50 years)
- 4,700 indirect jobs
- Provides lignite for ~25.000 households

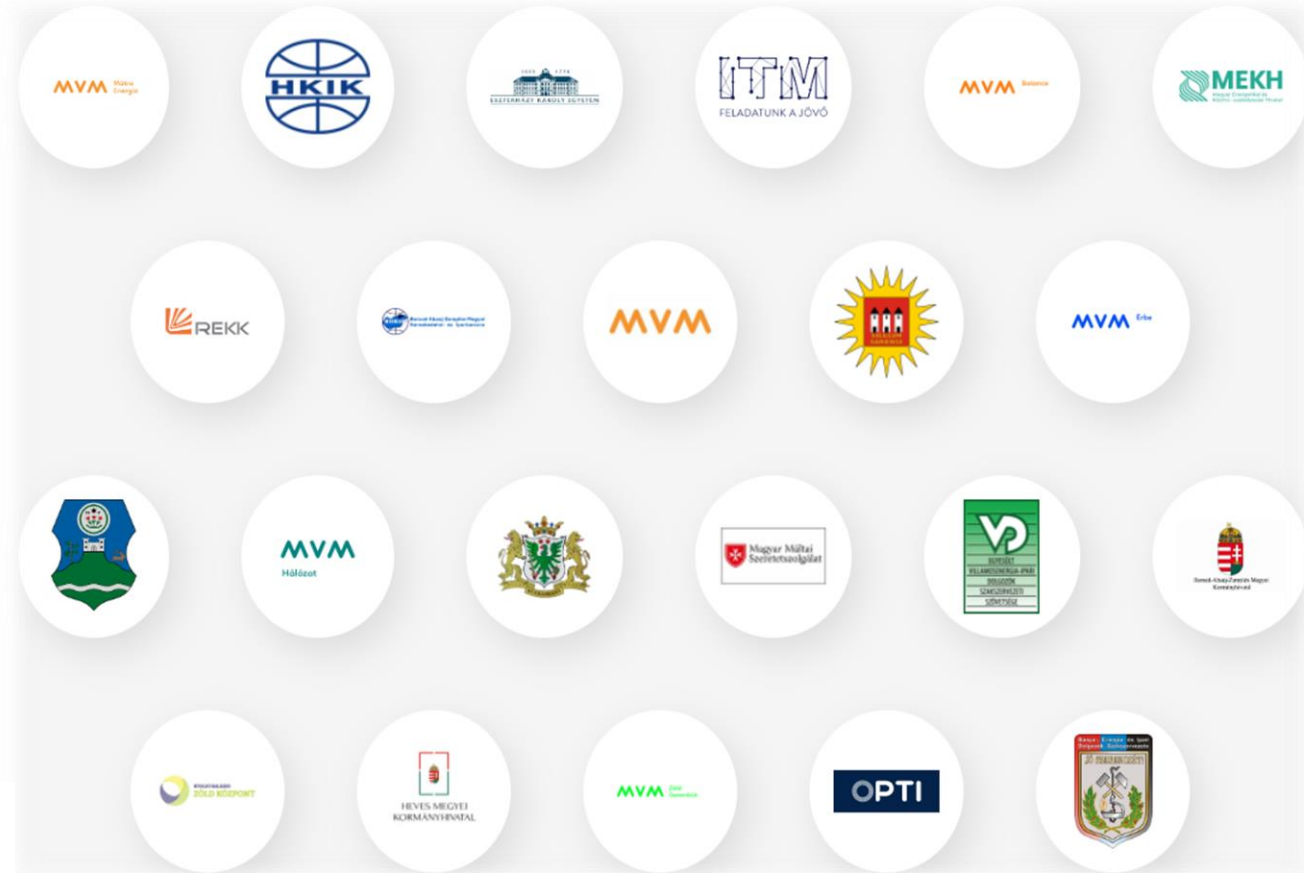
Partnership

Members of the consortium (22): 1 coordinating and 21 associated beneficiaries. (+2 cooperating partner)

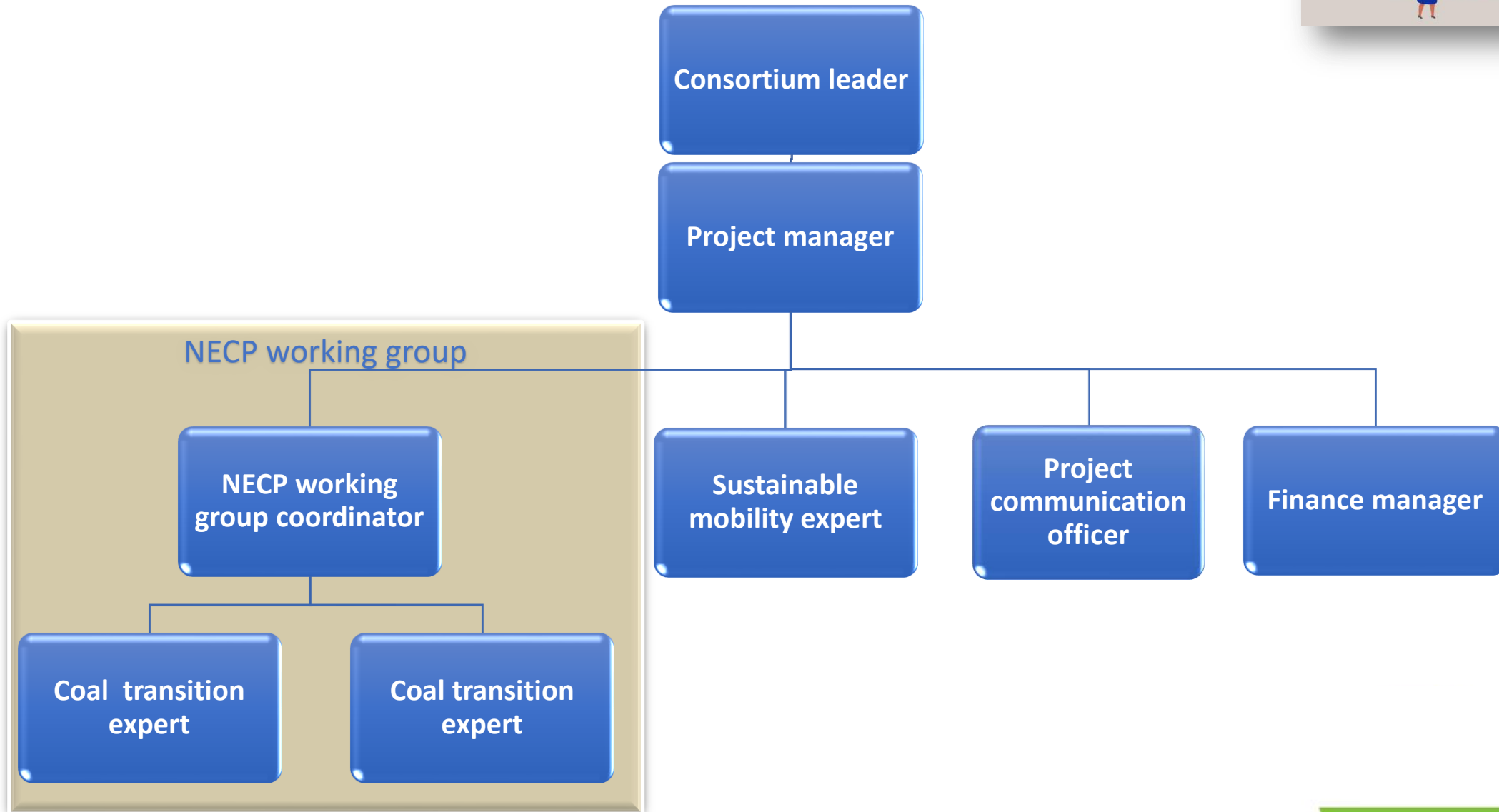
- Central and local government bodies
- Enterprises
- University
- Utility Regulatory Office
- Trade unions, chambers
- Civil organisations



MINISTRY OF
TECHNOLOGY AND INDUSTRY



MTI Project Team



Expected results in numbers

DECARBONISATION

- ~ 884 MW of lignite-fired capacity phased out
- Several millions of tonnes of CO2 emission reductions (vs. 2016 not considering the replacing capacity)
- 5 innovative prototypes to replace coal-fired technology
- Identification of innovative technologies to promote weather-dependent renewable energy use;
- An innovative prototype combining an energy community and residential energy efficiency project to replace residential lignite use and reduce energy poverty

JUST TRANSITION

- Establishment and operation of a national Coal Commission;
- Development and implementation of „*Territorial Just Transition Plans*” for Heves és B-A-Z counties (also Baranya county);
- 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.



Project actions

Type of the action	Number of the actions
Preparatory (A)	9 project actions
Implementation (C)	11 project actions
Monitoring (D)	5 project actions
Communication-dissemination (E)	6 project actions
Project management (F)	1 project action

Every action has a main responsible partner.

Main project actions

- Stakeholder analysis
- Establishing the governance framework of the transition
- Capacity building
- Collecting best practices
- Creating a decarbonisation roadmap for the power plant
- Creating a recultivation plan for the mines
- Assessing the impacts of the transition
- Creating innovative pilot project related to renewable energy generation
- Supporting the economic diversification of suppliers and the retraining of the workforce
- Identifying complementary funds
- Creating an energy community and implementing a pilot energy efficiency project to replace lignite-based heating and reduce energy poverty
- Raising awareness

Modernisation vision of the Mátra Power Plant

- Establishment of a 500 MWe CCGT capacity with natural gas-fired, high efficiency, low-carbon and flexibly controllable electricity generation with the possibility of hydrogen co-firing
- Construction of a 45 MWe power plant unit for the use of RDF and biomass fuel.
- Commissioning of a photovoltaic capacity of 200 MWe on the surface of the recultivated mine
- R&D&I project using technology for CO2 capture and storage / recovery (CCS / CCU) process
- Industrial and environmental development programs (14 projects indentified)



Providing just transition for workers

2020-21

- Analysis of the labour market
- Preparing the management of the power plant

2022-23

- Detailed analysis of the workforce
- Identifying training needs

2024-25

- Implementing the training programs
- Outplacement activities

Different solutions for different needs

New role inside the company group

- Training, retraining
- Preparing the management of the power plant

New job in the region with same competences

- Helping to become an entrepreneur
- Promoting investment in the region
- Public works

New job in the region with different competences

- Competence development
- Training
- Helping to become an entrepreneur

New job in an other region

- Encouraging mobility
- Training

Responsibilities of the MTI

- Assessment of legal barriers and legislation proposals to remove them
- Identifying complementary funding sources
- Sustainable and replicable mobility solutions and transition in Heves County
- Replication Strategy and Final Conference of the IP
- Networking with other projects, IP Best Practice Toolkit
- Project management

Project management (F) action

Main responsible partner for Project Management is the MTI, with all associated beneficiaries as contributory partners. Main deliverables and milestones of the project management:

- Facilitate the signing of the ***Consortium (Cooperation) Agreement*** with the partners.
- **Reports for EASME:** progress (3) and final (1) reports, project indicator (4) and audit (4) reports
- ***Communication with the Commission's External Monitoring Team (NEEMO) and EASME project advisors,***
- **Monitoring** the work of the project partners
- **Steering Committee (SC)** – 40 (operative/high-level) meetings during the project lifetime, interim reports on technical and financial progress, setting up internal monitoring forums with partners
- Establishing the ***Project Management Team and NECP Work Group*** and operate them through/in MTI
- **After-LIFE Plan** for the continuation of project actions and results

The project's contribution the territorial just transition plans



Identifying social and other consequences and opportunities for economic diersification



Creating the transitional model



Stakeholder analysis





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**Tools, products and
channels of
communication**

**AZ IGAZSÁGOS
ÁTMENETÉRT**

Coal Comission

Hungary's first permanent coal transition negotiating forum.

Goal: involving stakeholders and ensuring their participation in a just transition process.

The secretariat of the Coal Region Committee is based at the Eszterházy Károly Catholic University of Eger (EKCU).

Tasks of the secretariat:

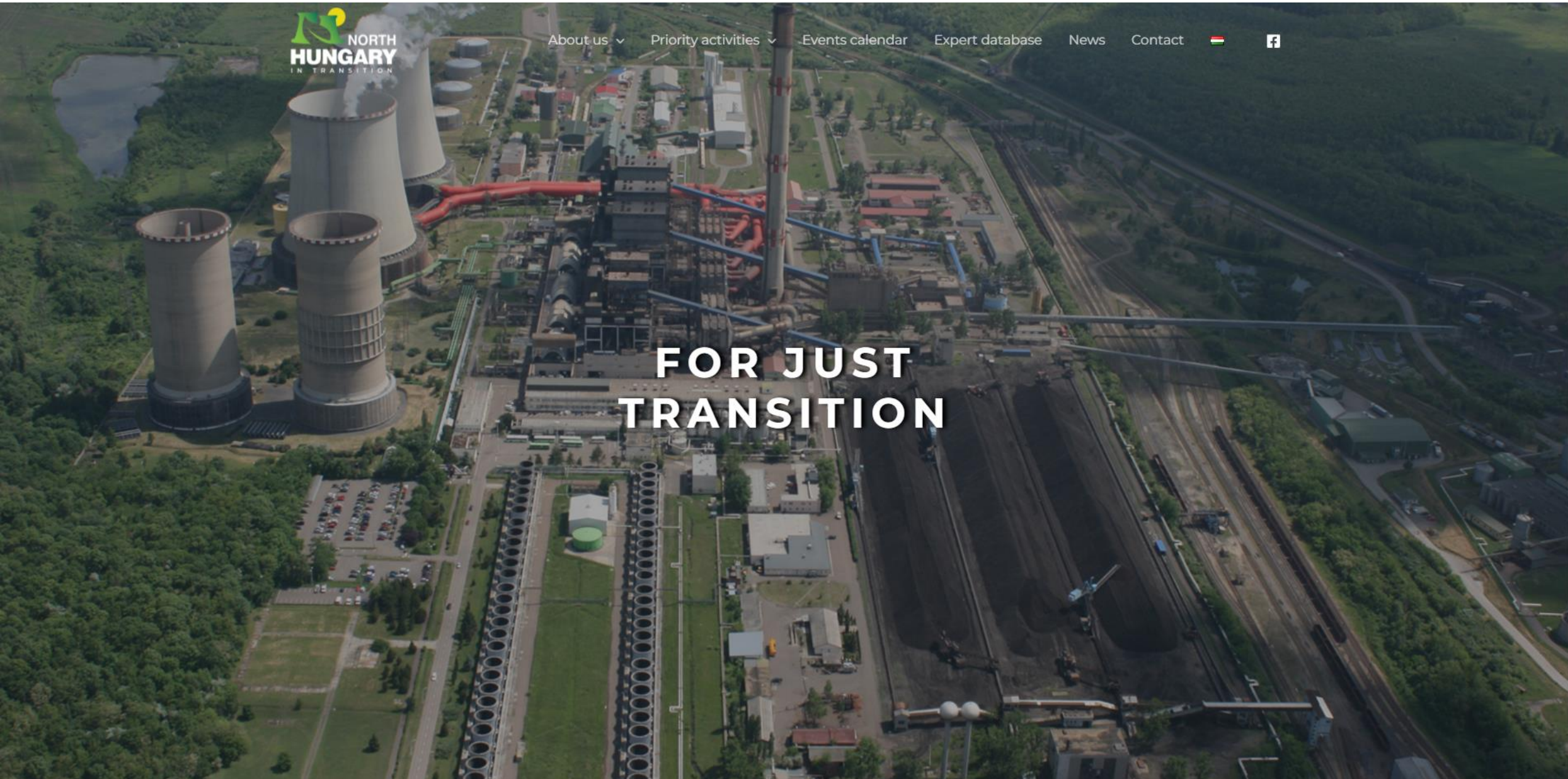
- Support the operational work of the Commission,
- Coordinating the actions under the responsibility of the EKCU
- Mapping and consulting with those involved in the transition and involving them in the planning and implementation of the transition
- Exchange of knowledge with other coal regions at home and abroad



Materialized communication tools, products, channels

- Shared Google Drive, contact database
- www.igazsagosatmenet.eu webpage
- „LIFE-IP az igazságos átmenetért” Facebook-page („For just transition”)
- Newsletters (inner, external and sustainable mobility)
- Design elements, templates
- Communication working group
- Awareness-raising working group
- Coal Commission
- Public conferences (local and international)
- Outdoor posters exhibition
- Events
- Short movies

Communication channels - Webpage



About us ▾

Priority activities ▾

Events calendar

Expert database

News

Contact



FOR JUST
TRANSITION





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AZ IGAZSÁGOS ÁTMENETÉRT



LIFE-IP az igazságos átmenetért

@igazsagosatmenetert · Környezetvédelmi szervezet

Üzenetküldés

Üdv! Kérjük, mondd el, hogyan tudnánk segíteni.

Kezdőlap

Események

Fényképek

Videók

Továbbiak ▼

Kedveled

Q

...

Névjegy

[Az összes megtekintése](#)

i

A LIFE-IP North-HU-Trans projekt keretében zajlik a mátrai erőmű és régiójának fenntartható igazságos átmenetére irányuló zöld jövőkép kialakítása. Célja a teljes szénrégió klímabarát átalakítása. **Kevesebb jelenjen meg**

i

„A személyes adatokat az érvényes jogszabályoknak megfelelően kezeljük. A személyes adatokkal kapcsolatos fogalmakat az Adatvédelmi Törvény



Bejegyzés létrehozása

 Fénykép/video

 Bejelentkezés



LIFE-IP az igazságos átmenetért

Január 17., 12:11 · 

A lakossági e-kerékpár pályázat népszerűségéből kiindulva hamarosan megkezdődik az elektromos rásegítésű teherszállító kerékpárok (e-cargo) beszerzésének támogatása is. A pályázatban az egyéni vállalkozók, gazdasági társaságok, civil szervezetek, egyesületek, egyházi szervezetek és önkormányzatok kaphatnak támogatást e-

Communication channels - Facebook-page

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Materialized communication tools



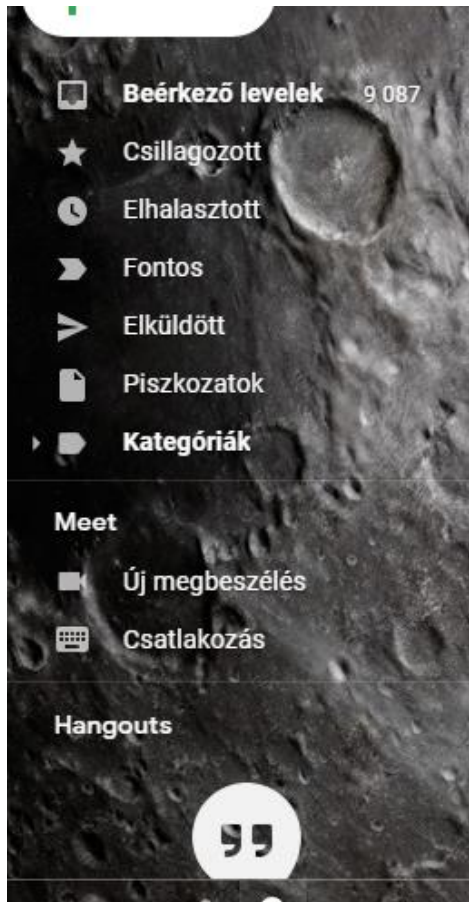
Materialized communication tools - Outdoor posters exhibition



Communication channels - Conferences



Communication channels - Newsletters



Ön a LIFE IP North-HU-Trans Igazságos Átmenetért

Hírlevelét olvassa

2021/1.

Tisztelt Hölgyem/Uram!

Köszönjük a LIFE-IP North-HU-Trans „Az Igazságos Átmenetért” projekt hírlevelére történő feliratkozását, így első kézből értesülhet híreinkről.

Events - „Ősfa- fesztivál” (Bükkábrány, 2022)



Events - MCC festival (Esztergom, 2022)



Our short movies so far

- <https://youtube.com/watch?v=CGBzHFC3YRs&feature=share>
- <https://youtube.com/watch?v=ICQzOsmBovI&feature=share>

Thank you for your kind attention!

