

#transformujem

# 1. výroční konference OP Spravedlivá transformace

Jednoduše TRANSFORMUJEM!

30. 1. 2025



Spolufinancováno  
Evropskou unií

Ministerstvo životního prostředí

#transformujem

# 1. výroční konference OP Spravedlivá transformace

Dopolední blok, moderátor: Ondřej Slach

9:30 – 9:45

## ÚVODNÍ SLOVO

**Petr Hladík**, ministr životního prostředí

**Pascal Boijmans**, vedoucí oddělení Česká republika a Slovensko, DG Regio, Evropská komise

**Richard Brabec**, hejtman Ústeckého kraje

9:45 – 10:45

## 1. blok – Jak daleko jsme s transformací v ČR nyní a jaká k tomu vedla cesta?

**Kde se nacházíme – Radana Leistner Kratochvílová**, ředitelka Odboru podpory transformace na nízkouhlíkovou ekonomiku (MŽP)

Panelová diskuse:

zástupci resortů: **Jan Kříž** (MŽP), **Petr Binhack** (MPO), **Miroslav Balatka** (MMR)

zástupci českých uhelných regionů: **Richard Brabec** (ULK), **Martin Hurajčík** (KVK), **Šárka Šimoňáková** (MSK)

10:45 – 11:45

## 2. blok – Čím nás mohou v transformaci inspirovat uhelné regiony z dalších zemí EU?

**Pascal Boijmans**, DG Regio, **Pavel Tychtl**, DG Empl

**Dariusz Stankiewicz**, specialista na transformaci, Regionální úřad, Slezské vojvodství, Polsko

**Meelis Kuusk**, generální ředitel Unie municipalit v regionu Ida – Virumaa, Estonsko

**Zsuzsa Piskóti-Kovács**, zástupce platformy spravedlivé transformace, Maďarsko

**Luise Port a Thomas Maurer**, členové výzkumné platformy Land-Innovation-Lausitz, Německo



#transformujem

# 1. výroční konference OP Spravedlivá transformace

Odpolední blok

11:45 – 13:00

Oběd a networking

13:00 – 15:00

Odpolední workshopy

## 1. Jak jednoduše transformovat uhelné regiony i po roce 2027?

Šárka Šimoňáková, Radana Leistner Kratochvílová

### Kulaté stoly

Co zachovat a nezachovat ze současného operačního programu?

Jak pracovat se strategickými projekty?

Jaké tematické oblasti jsou stěžejní pro OP ST 2?

Jaké doplňkové aktivity a zdroje využít pro transformaci?

## 2. Jak jednoduše zapojit veřejnost do procesu transformace?

Ondřej Pergl, Gabriela Nekolová

### Kulaté stoly

Kdy je správné participaci v procesu využít?

Jak zapojit mladé do transformace a co od toho čekat?

Jak nastavit plán participace OP ST2?

## 3. Jak jednoduše využít finanční nástroje v transformaci?

Jan Wedlich, Huber Kincl

### Kulaté stoly

Co změnit na úvěru Transformace?

Jaké finanční nástroje potřebují uhelné regiony?

15:00 – 15:30

Coffee break a networking

15:30 – 16:00

Závěr



# ÚVODNÍ SLOVO



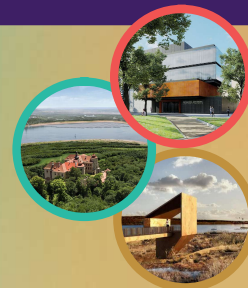
**Petr Hladík**  
ministr životního prostředí



**Richard Brabec**  
hejtman Ústeckého kraje



**Pascal Boijmans**  
Evropská komise, DG REGIO



# 1. BLOK ČESKÝ KONTEXT TRANSFORMACE

Jednoduše TRANSFORMUJEM!

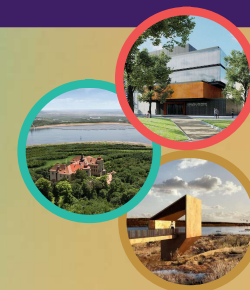


# JAK DALEKO JSME S TRANSFORMACÍ V ČR A JAKÁ K TOMU VEDLA CESTA?

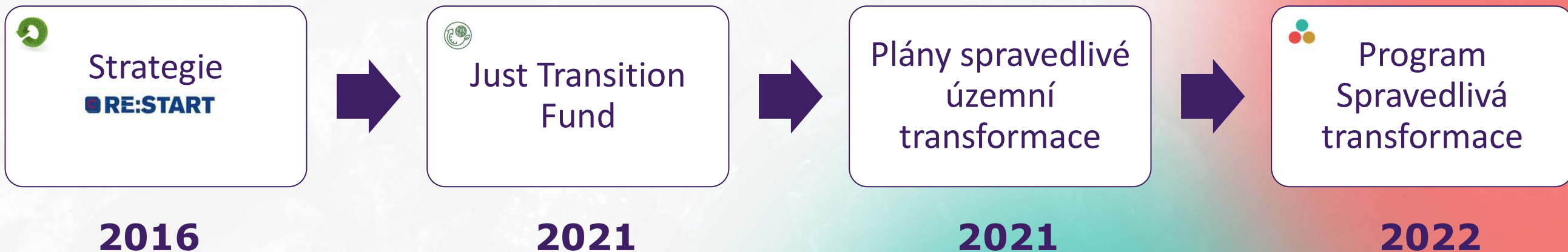


**Radana Leistner Kratochvílová**

ředitelka Odboru podpory transformace na nízkouhlíkovou ekonomiku,  
Ministerstvo životního prostředí

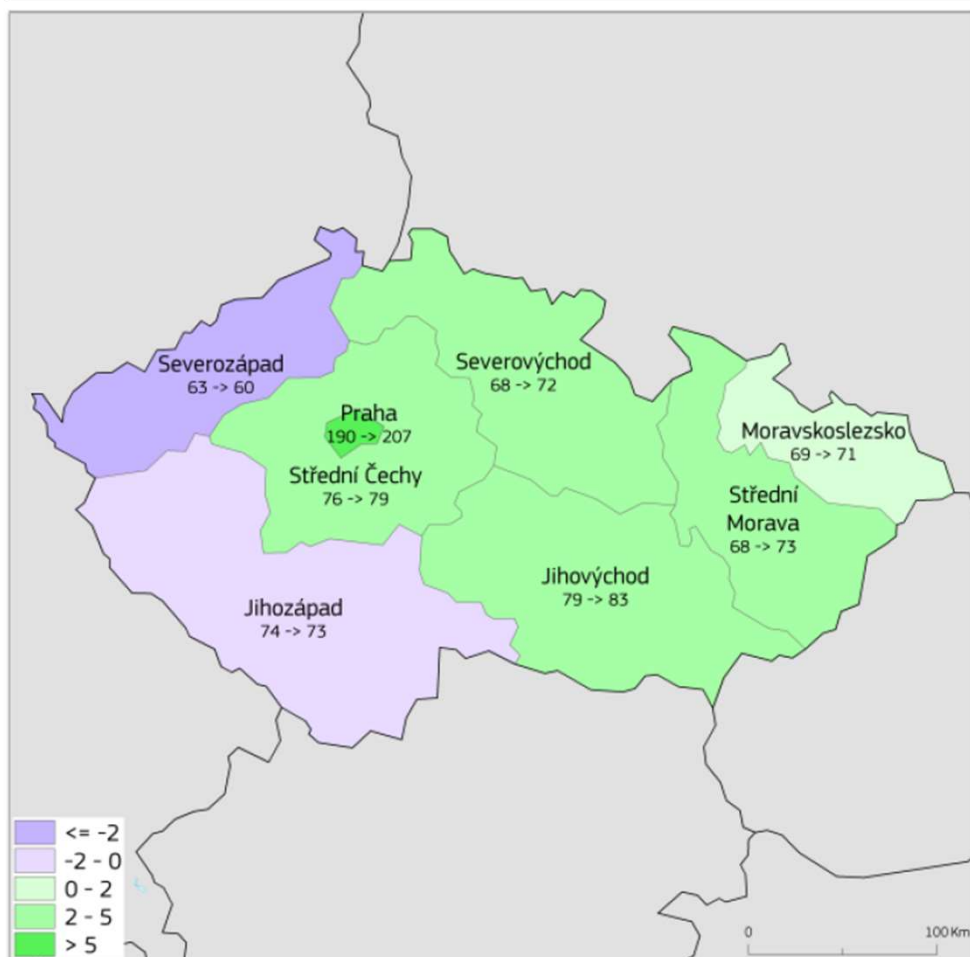


# Cesta k OP ST



# Stav regionů

Map A17.1: GDP per capita index in Czech NUTS 2 regions (2013-2022)



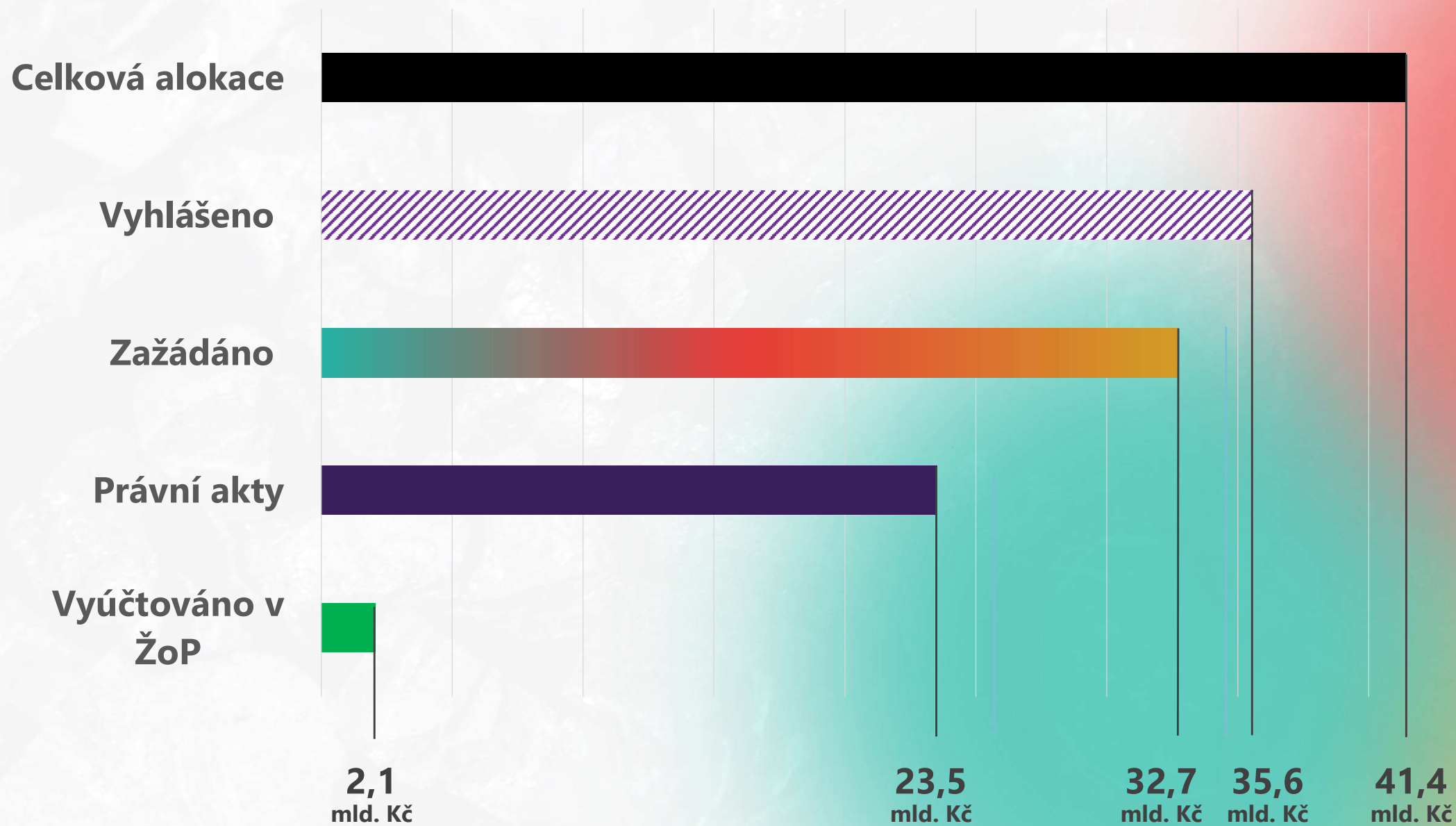
Change in GDP/head (PPS), 2013 - 2022  
Index, EU-27 = 100 in 2013 and 2022  
Source: Eurostat (nama\_10r\_2gdp)

REGIOgis  
© EuroGeographics Association for the administrative boundaries

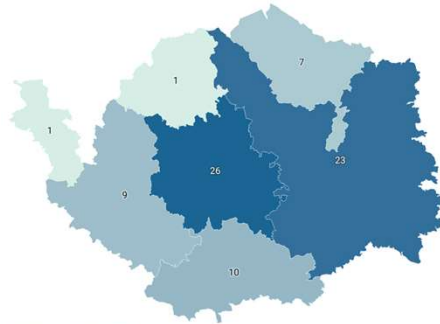
- V regionu Severozápad stagnující až klesající **HDP na hlavu** ve vztahu k průměru EU. V Moravskoslezském kraji lze sledovat pozitivnější vývoj.
- **Regionální inovační ekosystém** Ústeckého a Karlovarského kraje je dlouhodobě nejslabší v Česku, v čase sice dochází ke zlepšení, ale dynamika změn je malá.
- **Inovační výkonnost** moravskoslezských firem i výzkumných organizací se v posledních 8 letech významně vylepšuje, i když je nadále pod průměrem Česka i regionů v EU, které se nadále „vzdalují“.
- Od roku 2010 v mezikrajském srovnání nejvyšší **úbytek obyvatel** v uhelných regionech, zejména v Moravskoslezském kraji (cca -58 tisíc obyvatel).
- V uhelných regionech nejvyšší **podíl osob ohrožených chudobou** (Severozápad: 17,2 %, Moravskoslezsko: 15,5 %).
- V uhelných regionech se dle Národní databáze brownfieldů nachází zhruba **třetina** všech registrovaných **brownfieldů**.
- V uhelných regionech se nachází 15 z 30 největších **emitentů CO<sub>2</sub>** v Česku (elektrárny, teplárny, železárny, rafinerie).



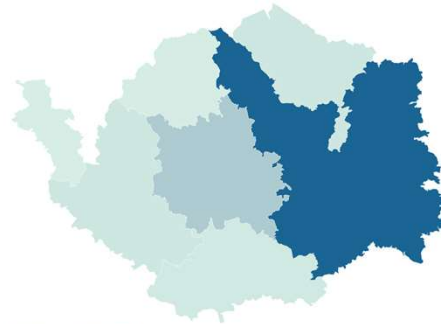
# Stav implementace programu – leden 2025



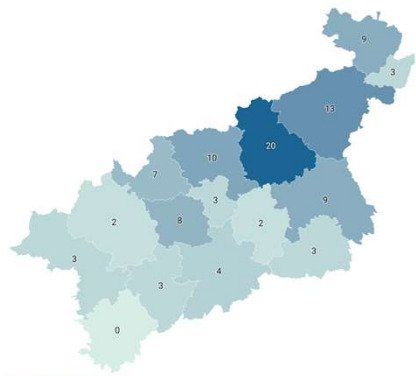
Počty projektů s právním aktem dle SO ORP



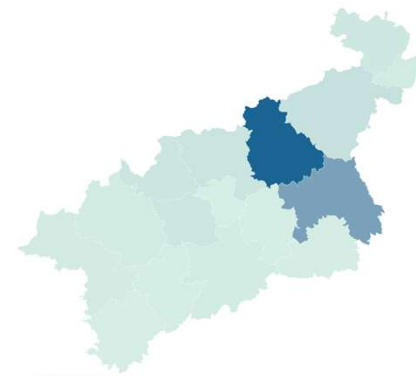
Alokace projektů s právním aktem dle SO ORP



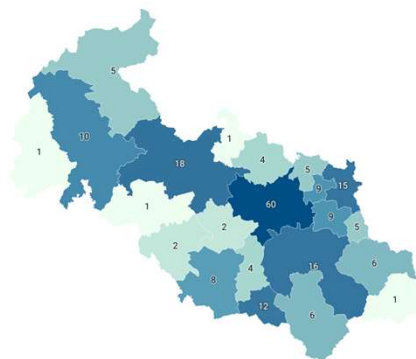
Počty projektů s právním aktem dle SO ORP



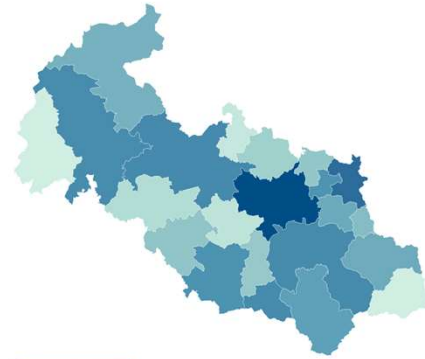
Alokace projektů s právním aktem dle SO ORP



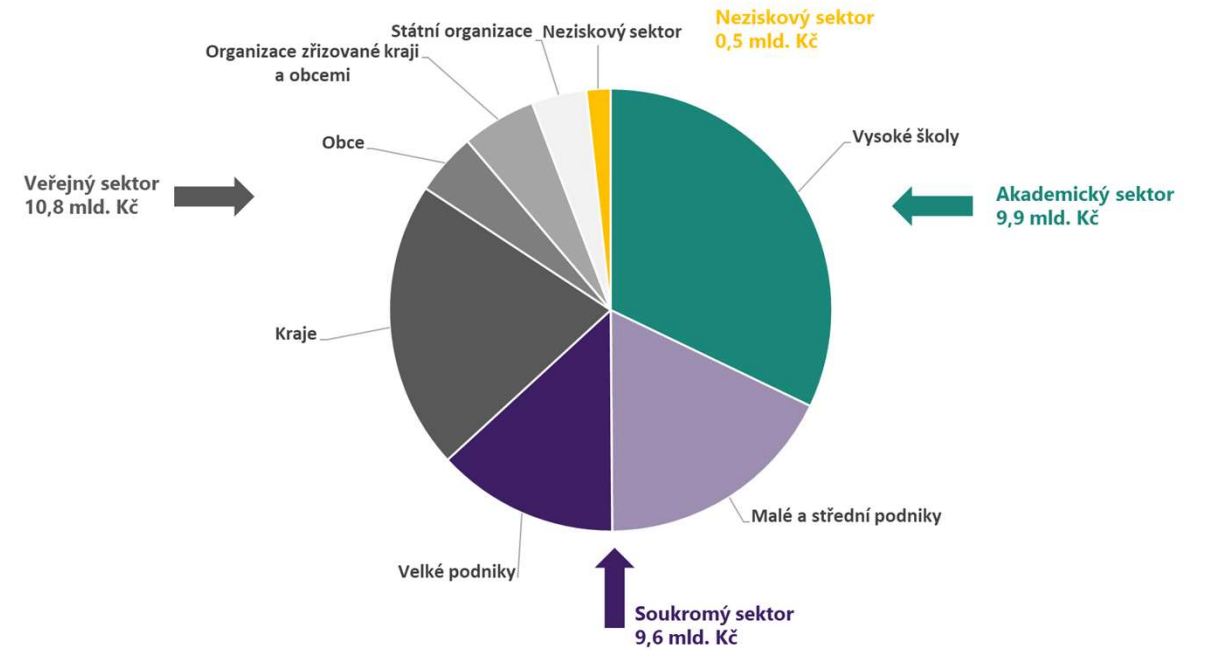
Počty projektů s právním aktem dle SO ORP



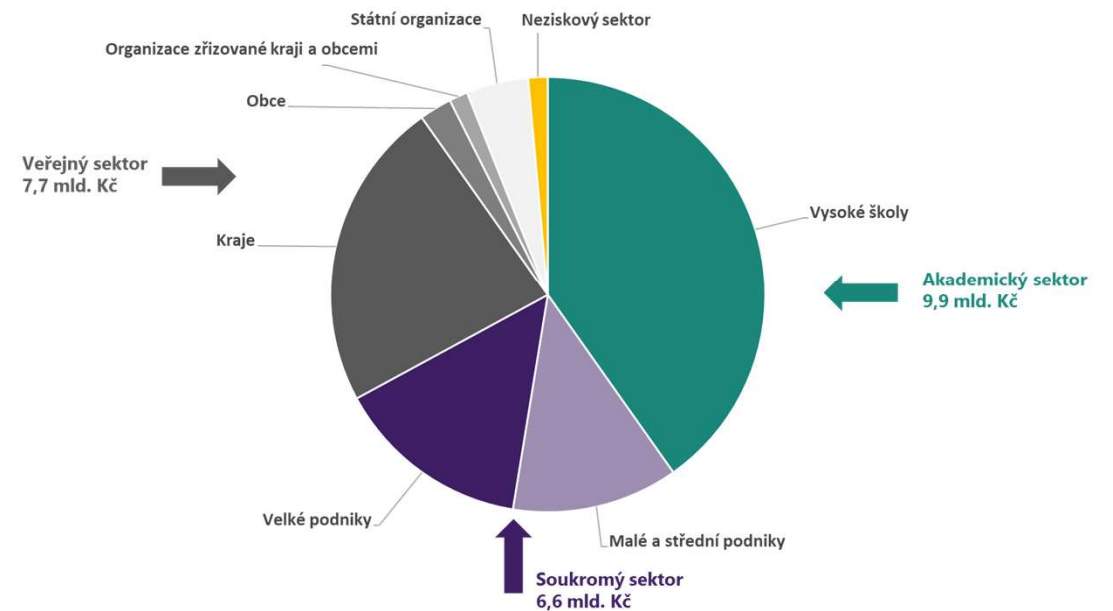
Alokace projektů s právním aktem dle SO ORP



## Struktura žadatelů o podporu



## Struktura žadatelů o podporu – strategické projekty



# Formy podpory v OP ST

## Alokace ve vyhlášených výzvách (leden 2025)



Strategické projekty

18,92 mld. Kč



Tematické výzvy

12,71 mld. Kč



Finanční nástroje

3 mld. Kč



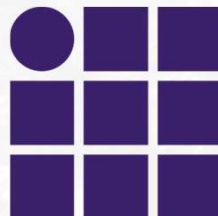
Zastřešující projekty

0,94 mld. Kč

# Témata podpory v OP ST

## Čistá energie

- **Alokace:** 128 mil. Kč / 128 mil. Kč
- **Žádosti:** 128 mil. Kč (3 projekty)
- **Projekty s PA:** -
- **Výstupy:** 29 koncepčních a strategické dokumentů v oblasti rozvoje vodíkového hospodářství
- **SP:** Synergys, CVE



## Výzkum a vývoj

- **Alokace:** 1 302 mil. Kč / 900 mil. Kč
- **Žádosti:** 100 mil. Kč (1 projekt)
- **Projekty s PA:** 100 mil. Kč (1 projekt)
- **Výstupy:** 455 vytvořených pracovních míst ve výzkumu
- **SP:** Refresh, GET, KIC, Lerco, CLV, Chytrá krajina



## Digitální inovace

- **Alokace:** 1 310 mil. Kč / 970 mil. Kč
- **Žádosti:** 947 mil. Kč (126 projektů)
- **Projekty s PA:** 947 mil. Kč (126 projektů)
- **Výstupy:** 130 škol či vzdělávacích zařízení v nichž bude zlepšena / posílena konektivita
- **SP:** Černá kostka



## Podnikání

- **Alokace:** 4 715 mil. Kč / 3 210 mil. Kč
- **Žádosti:** 2 506 mil. Kč (196 projektů)
- **Projekty s PA:** 1 327 mil. Kč (125 projektů)
- **Výstupy:** 2 199 podpořených firem
- **SP:** částečně např. TCUK, KIC



# Témata podpory v OP ST

## Obnova území

- **Alokace:** 6 058 mil. Kč / 4 308 mil. Kč
- **Žádosti:** 2 008 mil. Kč (156 projektů)
- **Projekty s PA:** 1 094 mil. Kč (84 projektů)
- **Výstupy:** cca 250 hektarů rekultivované půdy
- **SP:** Poho, Museum+, Medard, SIGD, Green Mine



## Oběhové hospodářství

- **Alokace:** 1 340 mil. Kč / 1 340 mil. Kč
- **Žádosti:** 764 mil. Kč (5 projektů)
- **Projekty s PA:** 500 mil. Kč (1 projektů)
- **Výstupy:** Zvýšení kapacity pro recyklaci odpadu o 31 066 t/rok
- **SP:** CirkArena



## Lidé a dovednosti

- **Alokace:** 6 120 mil. Kč / 4 298 mil. Kč
- **Žádosti:** 3 770 mil. Kč (423 projektů)
- **Projekty s PA:** 1 688 mil. Kč (111 projektů)
- **Výstupy:** 7 086 podpořených účastníků
- **SP:** Trautom, TPA, RUR, „Keramka“, Animace pro ST



# Příklady podpořených projektů

## Řemeslný inkubátor Print Hub 3D (Ústí nad Labem)

- Vytvoření zázemí pro dílnu průmyslového designu, technologie 3D tisku a audiovizuální tvorby.
- Dílčím cílem je umožnit širší veřejnosti práci s moderními technologiemi.
- V rámci projektu budou transformovány prostory v bezprostřední blízkosti kampusu UJEP.



## Pokročilá (chemická) recyklace plastů (Litvínov)

- Předmětem projektu výběr, výstavba a provoz technologie pro chemický průmysl sloužící k přeměně směsných odpadních plastů primárně na kapalné meziproducty,
- Tyto meziproducty budou využity jako surovina pro výrobu petrochemických produktů s využitím etylenové jednotky či dalších tzv. petrochemických jednotek.



ÚVĚR TRANSFORMACE – úrok 0 %

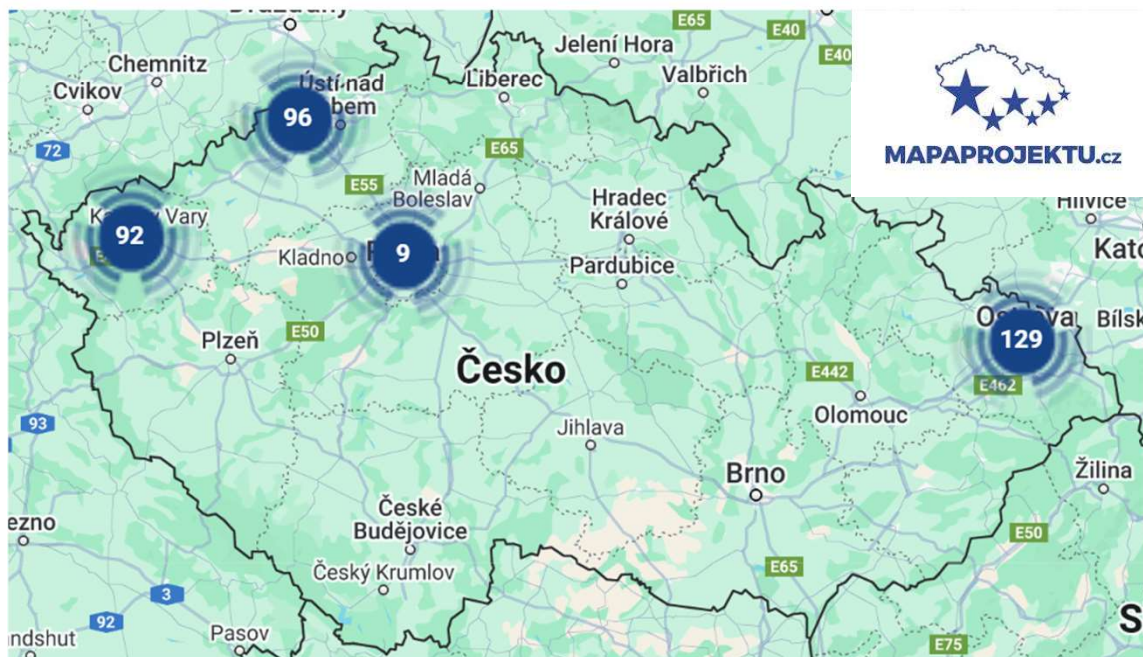
## IT firma - realizace kamerových a zabezpečovacích systémů - Ostrava

Firma potřebovala z kapacitních důvodů rozšířit vozový park pro obsluhu klientů a dodavatelů společnosti s dodržením zásady „významně nepoškozovat“ životní prostředí (DNSH)



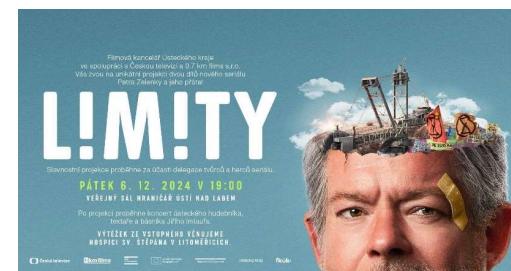
## Rodinná firma z Děčína zabývající se ruční výrobou čokolády a čokoládových bonbonů

Na základě potřeby zvýšení technologické úrovně, efektivity a kapacity přípravy náplní bonbonů a následné plnění a též vznik nových chutí dle nových receptur firma potřebovala pořídit **novou technologii - průmyslový mixér, melanžér a plničku**



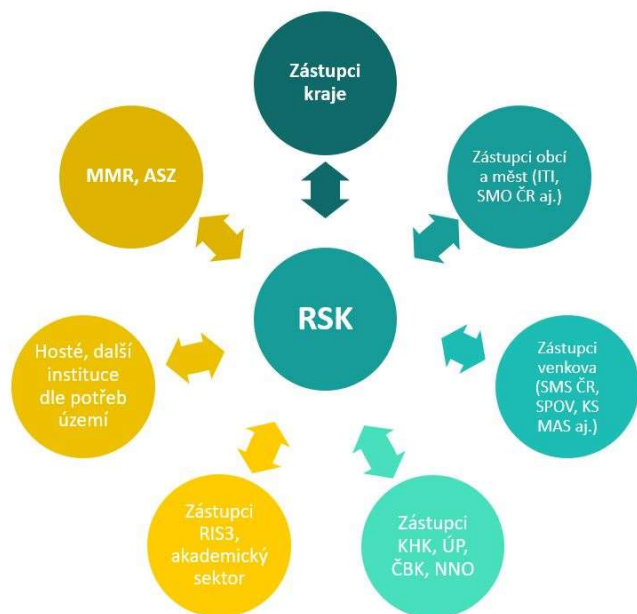
## Elektrárna Dětmorovice

- ČEZ
- Hlavní výrobce tepla a elektřiny pro Bohumín a Orlovou
- Emisní limity a výhled ukončení spalování uhlí po roce 2030
- Útlum výroby v uhlých blocích a starých plynových kotlích
- Ohroženo 212 z 243 míst
- Nové technologie – biomasa, FVE, plynová kogenerační jednotka
- Vzdělávání pro 113 zaměstnanců (47 %)
- Příspěvek EU: 1,4 mil. Kč



# Partnerství s aktéry v území

## Regionální stálé konference



## Společná setkání s kraji



## Setkání regionálních týmů



# Komunikace OP ST

- **Transformace jako příležitost pro rozvoj regionů**
- **OPST nový program a nové možnosti**
  - Spontánní znalost – zavedené programy 30 % vs. OP ST 2 %
  - Podpořená znalost – 38 % NPO / 33 % OP ŽP / 16 % OP ST
  - Bariéry – administrativní náročnost a celková složitost dotací, nedostatek informací
- **Od počátku velká snaha o komunikaci a publicitu OP ST**
  - Nárůst množství a spektra aktivit v čase
  - Strategie komunikace OP ST s využitím komunikační agentury
  - Velké množství seminářů, webinářů pro potenciální žadatele
  - Účast na velkých akcích pro veřejnost (Olympijský festival...)
  - Sociální sítě

JEDNODUŠE

#transformujem



# Budoucnost

- Transformace uhelných regionů je dlouhodobým procesem.
- Definitivní odchod od uhlí je stanoven v různých zemích různě, v ČR na rok 2033.
- Útlum bude postupný a potřeby přetrvají výrazně za rok 2030.
- Uhelné regiony tak budou potřebovat dlouhodobější specifickou podporu – i po roce 2027 – aby transformace mohla úspěšně pokračovat.
  - ⇒ Karlovarské prohlášení - zachovat podporu uhelných regionů i v období 2028+, udržet takovou formu podpory, která zajistí, že budou reflektovány specifické potřeby uhelných regionů, zachovat možnost realizovat velké strategické projekty jako klíčové komplexní / transformační projekty. Udržet kontinuitu v podpoře uhelných regionů.
- Začíná příprava programového období 28+
  - nové výzvy před EU, význam politiky soudržnosti, návrhy VFR a legislativy EU v polovině 2025
  - příprava národní pozice a příprava strategie regionálního rozvoje pro 28+.

# PANELOVÁ DISKUZE



**Jan Kříž**  
ministerstvo životního prostředí



**Petr Binhac**  
ministerstvo průmyslu a obchodu



**Miroslav Balatka**  
ministerstvo  
pro místní rozvoj



**Richard Brabec**  
hejtman Ústeckého kraje



**Šárka Šimoňáková**  
náměstkyně hejtmanky  
Moravskoslezského kraje



**Martin Hurajčík**  
náměstek hejtmanky  
Karlovarského kraje



# **2. BLOK**

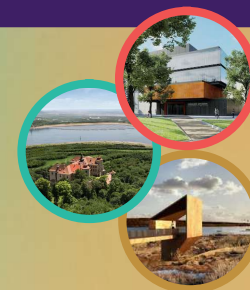
## **EVROPSKÝ KONTEXT TRANSFORMACE**

**Jednoduše TRANSFORMUJEM!**

# Videozdravice



**Ondřej Krutílek**  
poslanec Evropského parlament



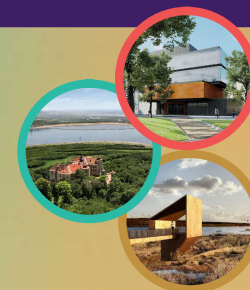
# JTF Z POHLEDU EVROPSKÉ KOMISE



**Pavel Tychtl**  
DG Empl, Evropská komise



**Pascal Boijmans**  
DG Regio, Evropská komise



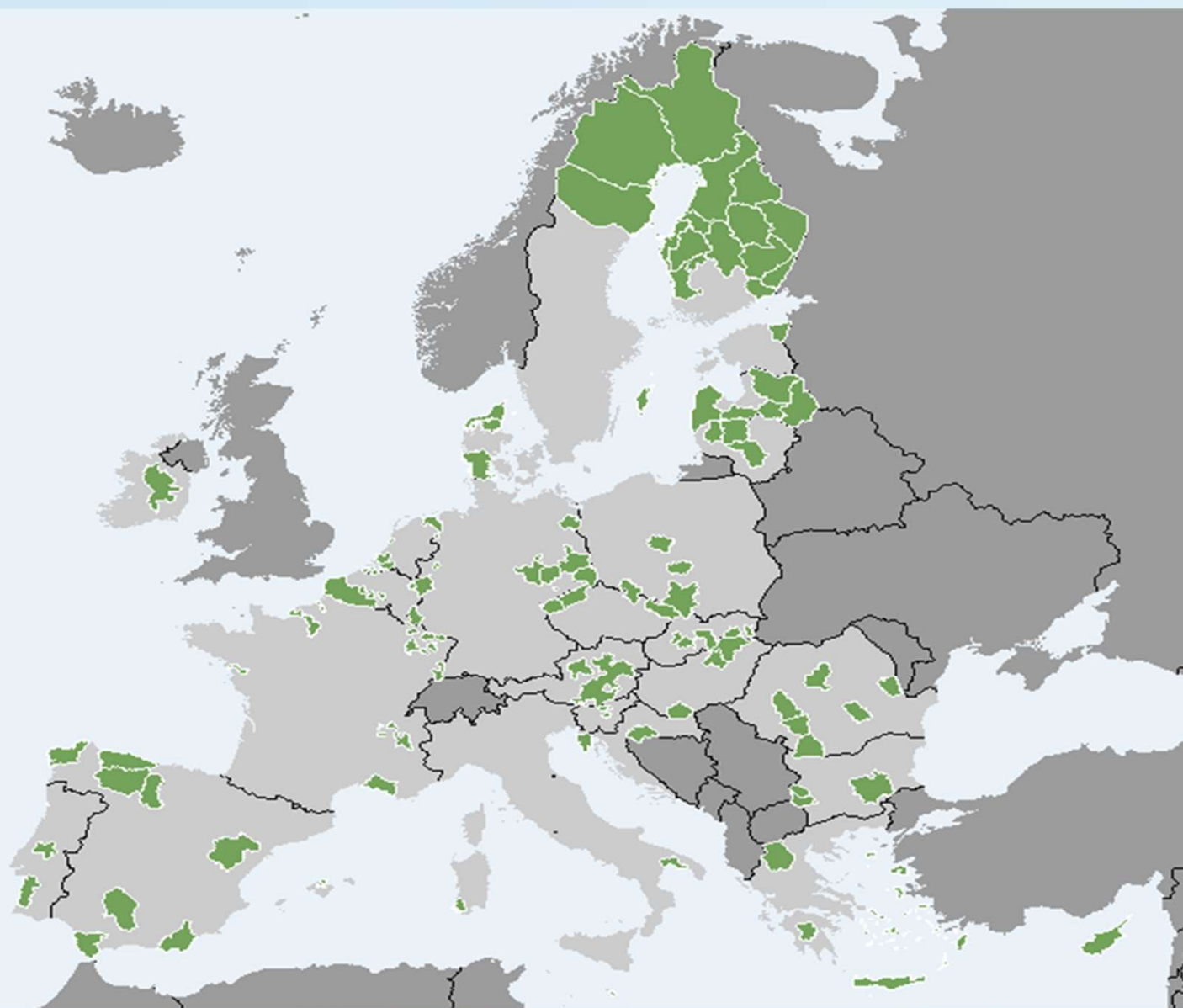
# Just Transition Fund

## European Commission

**Pascal BOIJMANS**  
Head of Unit, DG REGIO

**Pavel TYCHTL**  
Team leader, DG EMPL

# Just Transition Fund (JTF) programming



- **70 territorial just transition plans** (TJTPs) for 96 territories in **all MS**
- **EUR 19.7 billion of JTF** (EUR 27 billion with co-funding)

# Just Transition Fund (JTF): which territories?

## Regions covered:

- Focus on the regions hardest hit by the transition process and dependent on:
  - economic activities based on the **production of fossil fuels**
  - **industries with high carbon-intensity** (e.g. steel, cement, chemicals), which will need to undergo transformation
- ... and face negative socio-economic impacts resulting from the transition





# Just Transition Fund – main achievements

- Focus on the most vulnerable
- Advancement of the coal phase-out
- Involvement of stakeholders
- Integrated approach
- Targeted territorial scope and conditionality of transition

# Progress in JTF implementation

- JTF implementation **speed up ...** but still room for improvement
- Selection of operations **24% of JTF allocation:**
  - Frontrunners in project selection
    - in %: MT, LU, NL, EE, FI, CZ and SE
    - in absolute terms: PL, NL and CZ

...but no JTF projects selected in some MS (BG, BE, HU, HR, ES, IT)

- **Very high rate of total payments of 32%** (STEP pre-financing!) ...  
... but limited net interim payments

# Bottlenecks in JTF implementation

- Administrative capacity
- Backtracking of coal phase-out or decarbonization commitments (TJTP vs NECP)
- Insufficient demand
- Overlap with ERDF/ESF+/RRF/...
- State aid

# Estonia: first JTF project selected

- Ida-Virumaa (EE): programme adopted 10 October 2022, first project selected 9 November 2022
- Construction of rare-earth magnet factory (by the company Neo Performance Materials), to be completed by 2025
- Creation of up to 1000 new jobs
- JTF contribution: EUR 18.75 million (total investment over EUR 100 million)

<https://mkm.ee/uudised/oiglase-ulemineku-fondi-esimene-suurinvesteering-riik-toetab-1875-miljoniga-ida-virumaale>



# Slovakia

**Košice geothermal district heating plant:** replacement of heat source in existing district heating network, from coal to geothermal energy, to be supplied as from 2028

- Planned annual supply of geothermal heat: 174,000 MWh
- 78,000 households will benefit
- Savings of GHG emissions: approx. 54,000 tons/year



*Expected grant of EUR 56 million from JTF*

# III pillar of JTM (Public Sector Loan Facility)

## Blended facility

Loan from EIB complemented by the grant (DG REGIO & CINEA)

## Beneficiaries

Public sector entities (including private law bodies with a public service mission)

## Geographical scope

Projects must benefit a territory identified in an adopted TJTP (even if not located in such territory)

## Financing not linked to costs

The grant is a percentage of the loan - 15% or 25% in less developed regions

\*Grants cannot be disbursed before the EIB financing agreement is signed

## Budgets

National envelopes (grants) until end of 2025

CZ envelope 125 million vs. largest in PL: 292 million



*New Concert Hall in Ostrava and reconstruction of House of Culture*

# Technical assistance for Czechia in 2024

- Jasper assesment of all CZ projects of strategic importance financed from JTF
- TSI support: a large project supporting JTF implementation in many areas
- 2 specific projects financed by DG REGIO („Support to the PSLF“ and „Support to the energy communities in CZ coal regions“)
- JTP Groundwork supported the city of Sokolov
- JTPeers exchange SE/CZ organised by the Czech Ministry of Environment

# The social component in JTF programmes

## Art . 8 – Scope of support

*How it is concretely translated in the TJTPs*

30.6.2021	EN	Official Journal of the European Union	L 231/9
2. In accordance with paragraph 1, the JTF shall exclusively support the following activities:			
(a) productive investments in SMEs, including microenterprises and start-ups, leading to economic diversification, modernisation and reconversion;			
(b) investments in the creation of new firms, including through business incubators and consulting services, leading to job creation;			
(c) investments in research and innovation activities, including by universities and public research organisations, and fostering the transfer of advanced technologies;			
(d) investments in the deployment of technology as well as in systems and infrastructures for affordable clean energy, including energy storage technologies, and in greenhouse gas emission reduction;			
(e) investments in renewable energy in accordance with Directive (EU) 2018/2001 of the European Parliament and of the Council <sup>(7)</sup> , including the sustainability criteria set out therein, and in energy efficiency, including for the purposes of reducing energy poverty;			
(f) investments in smart and sustainable local mobility, including decarbonisation of the local transport sector and its infrastructure;			
(g) rehabilitation and upgrade of district heating networks with a view to improving energy efficiency of district heating systems and investments in heat production provided that the heat production installations are supplied exclusively by renewable energy sources;			
(h) investments in digitalisation, digital innovation and digital connectivity;			
(i) investments in regeneration and decontamination of brownfield sites, land restoration and including, where necessary, green infrastructure and repurposing projects, taking into account the 'polluter pays' principle;			
(j) investments in enhancing the circular economy, including through waste prevention, reduction, resource efficiency, reuse, repair and recycling;			
(k) upskilling and reskilling of workers and jobseekers;			
(l) job-search assistance to jobseekers;			
(m) active inclusion of jobseekers;			
(n) technical assistance;			
(o) other activities in the areas of education and social inclusion including, where duly justified, investments in infrastructure for the purposes of training centres, child- and elderly-care facilities as indicated in territorial just transition plans in accordance with Article 11.			

(k) **upskilling and reskilling of workers and jobseekers;**

(l) job-search assistance to jobseekers;

(m) active inclusion of jobseekers;

(o) other activities in the areas of education and social inclusion including, where duly justified, investments in infrastructure for the purposes of training centres, child- and elderly-care facilities as indicated in territorial just transition plans in accordance with Article 11.



# The social component in JTF programmes

Labour and skills shortages as a *challenge* and skilled workforce as an *enabler*



**42 occupations** were classified as shortages in 2023



**74% of SMEs** reported that they face skills shortages in 2023



**adult learning remains low** - with a participation rate of around **39,5% in 2022**



**over 90% of jobs** require **digital skills**, however only **54% of the adult** population in Europe has **basic digital skills**



**26.2% of 15-year-olds** do not reach minimum competence levels in reading, **29.5%** in mathematics and **24.3%** in science (2022); **20.2% of adults low qualified** (2023).

---

**Headline target:** At least **60%** of all adults should participate in training every year by 2030

# The social component in JTF programmes

## *How much it weights in the TJTPs*

Around **EUR 2.8 billion (14.1%** of JTF resources – EU amount) are planned for social measures.

This includes only ESF+ types of actions These resources are devoted to:

- **Employment: 81%**, out of which 50% is dedicated to IF 146 (support for adaptation of workers, enterprises and entrepreneurs to change);
- **Education: 12.5%**, out of which around 64% is invested in IF 151 (support for adult education);
- **Social inclusion: 6.6 %**, out of which more than 50% is invested in IF 163 (promoting social integration of people at risk of poverty or social exclusion, including the most deprived and children).

# Slovakia



II.  
NP  
HN

**PODPORA ZAMESTNATEĽNOSTI  
V REGIÓNE HORNÁ NITRA II.**

WWW.NPHORNANITRA2.SK

Prijímateľ



TRENČIANSKY  
SAMOSPRAVNÝ  
K • R • A • J

Partneri projektu



HORNONITRIANSKE BANE  
PRIEVIDZA, a.s.



SLOVENSKÉ  
ELEKTRÁRNE

- The main activity of the project, *Preparing the workforce for new employment on the labor market (12/2023 – 01/2025)*
- Support to 700 employees of Hornonitrianske bane Prievidza, a.s. and Elektrárne Nováky via 6 months long adaptation process accompanied by tutors and individual/group counselling. During adaptation process, which is in line with regional labour market needs, participants receive wages compensation.
- Beneficiary: **Trenčiansky samosprávny kraj**
- 2 Partners: Hornonitrianske bane Prievidza, Slovenske Elektrarne
- JTF contribution: EUR 10,9 million (total investment EUR 12,7 million)
- [Podpora zamestnatel'nosti v regióne horná Nitra II. – Rozvoj ľudského kapitálu a zručností pre spravodlivú transformáciu](#)

# Portugal, Matosinhos

- Professional Reconversion of former workers of the Matosinhos Refinery (2023-2025)
- Design and delivery of tailor-made training courses that harness the skills of the former workers to fill occupations that are in high demand in the region, such as railway drivers.
- Beneficiary: IEFP, I.P. – Institute for Employment and Vocational Training (PES)
- JTF contribution: EUR 697 169.88 (total investment over EUR 592 594.40)
- [From refinery to railway: reskilling workers for a greener future | European Social Fund Plus](#)



# Working partnerships = key to success

## Effective practices

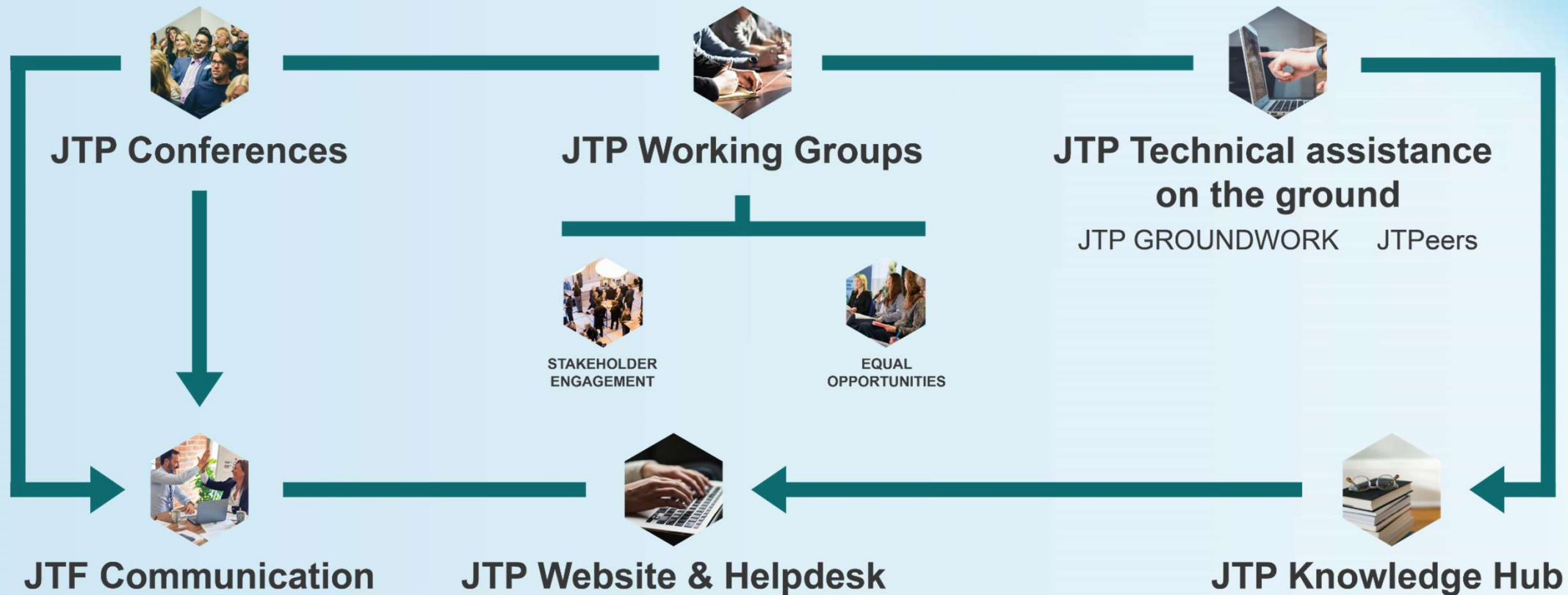
- Cross-department cooperation
- The design of the participatory process
- Coordinating the process and the role of public organisations (national and regional level)
- Participation of relevant actors and active roles
- Experience with previous transitions
- Long standing (good) cooperation links between stakeholders
- Capacities of regional authorities
- Technical assistance (regional level)

## Practices that need improvement

- Creating a holistic, systemic approach of the transition
- Mapping of stakeholders: missing voices
- Quality of involvement
- Better administration
- Better, joint assessment of the regional, local needs across levels
- Facilitating the partnership scheme and learning from others.
- Better links between national and regional, local level actors.

# Just Transition Platform – support for stakeholders

A single access point to support and knowledge on just transition



**Website:** [ec.europa.eu/regional\\_policy/funding/just-transition-fund/just-transition-platform\\_en](https://ec.europa.eu/regional_policy/funding/just-transition-fund/just-transition-platform_en)

**Newsletter:** [ec.europa.eu/newsroom/regio/user-subscriptions/2511/create](https://ec.europa.eu/newsroom/regio/user-subscriptions/2511/create)

**Helpdesk:** [secretariat@justtransitionplatform.eu](mailto:secretariat@justtransitionplatform.eu)

# Further information

## Visit the JTP website:

[ec.europa.eu/regional\\_policy/funding/just-transition-fund/just-transition-platform\\_en](https://ec.europa.eu/regional_policy/funding/just-transition-fund/just-transition-platform_en)

**Subscribe to the JTP newsletter:** [ec.europa.eu/newsroom/regio/user-subscriptions/2511/create](https://ec.europa.eu/newsroom/regio/user-subscriptions/2511/create)

**Track JTF open data:** [cohesiondata.ec.europa.eu/funds/jtf/21-27](https://cohesiondata.ec.europa.eu/funds/jtf/21-27)

**Read the JTF data story:** [cohesiondata.ec.europa.eu/stories/s/28yb-762c](https://cohesiondata.ec.europa.eu/stories/s/28yb-762c)

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# Just Transition Fund

## European Commission

**Pascal BOIJMANS**  
Head of Unit, DG REGIO

**Pavel TYCHTL**  
Team leader, DG EMPL



# GOOD PRACTICE



**Dariusz  
Stankiewicz**



**Meelis Kuusk**



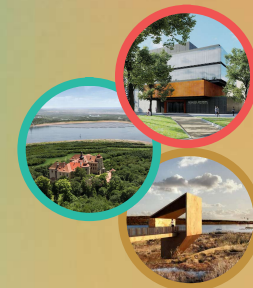
**Zsuzsa  
Piskóti-Kovács**



**Luise Port**



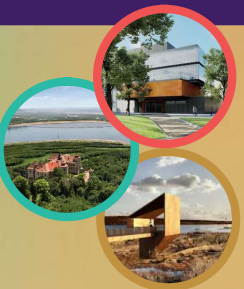
**Thomas Maurer**



**Polsko/Poland**



**Dariusz Stankiewicz**



*Silesian Transition*

# DESIGNED PROGRESS

Fundusze Europejskie  
dla Śląskiego

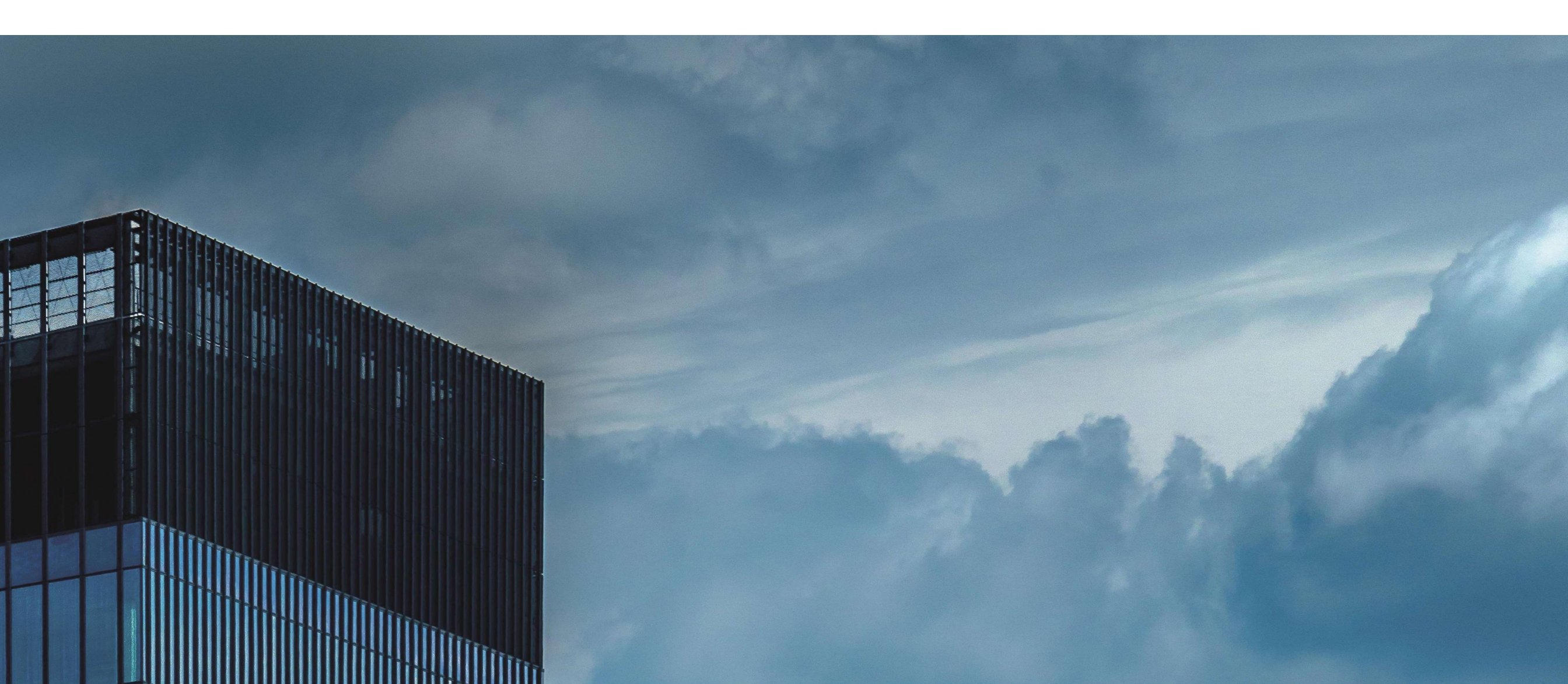


Rzeczpospolita  
Polska

Dofinansowane przez  
Unię Europejską



Województwo  
Śląskie



# **CHAPTER 1**

## *Profile of the Region*

# IMPORTANT DOMESTIC MARKET



**AREA 12 333 km<sup>2</sup> – 4% of Poland**



**POPULATION 4.32M – 2<sup>nd</sup> place in Poland**



**URBANIZATION RATE 75,8% – 1st place in Poland**

**12 % of PL GDP – 2nd place in Poland**

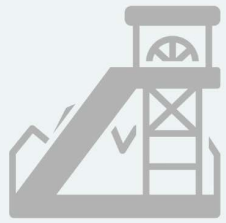
**533 000 ENTERPRISES**

**– 10,5 % of all Polish companies operate in the Silesian Voivodeship**



# INDUSTRIAL CHANGE - LAST 50 YEARS SCALE

## more than 30 years of transition



number of mines

1976  2024  
**65** **19**



number of plants particularly burdensome for air quality

1975  2023  
**193** **19**



number of miners

1990  2023  
**400k** **72k**



particulate pollution  
(in thousand tons)

1975  2023  
**611,7** **9,1**

# IMAGE OF SILESIA COAL TRANSITION



Nearly **80 percent** of workers in Polish coal mines are from Silesia, which accounts for **43 percent** of all mining jobs in the EU.

**Mining jobs** are highly, **geographically concentrated**.

**120 thousand people employed** in mining-related industries.

**By 2030**, it will be necessary to provide **36,5 thousand of new jobs**, including almost 24,2 thousand for those from mining-related industries.

The energy transition will entail **reduction in use of coal** for the production of electricity and heat, the shutdown of power units and their replacement with modern, environmentally friendly infrastructure, including the development of RES.

# THE SILESIAN DEVELOPMENT STRATEGY

## Green Silesia 2030



**STRATEGIC OBJECTIVE A:**  
THE SILESIAN VOIVODESHIP  
AS A REGION OF  
RESPONSIBLE ECONOMIC  
TRANSFORMATION



**STRATEGIC OBJECTIVE B:**  
THE SILESIAN VOIVODESHIP  
AS AN INHABITANT-FRIENDLY  
REGION



**STRATEGIC OBJECTIVE C:**  
THE SILESIAN VOIVODESHIP  
AS A REGION WITH  
HIGH QUALITY  
OF ENVIRONMENT AND SPACE



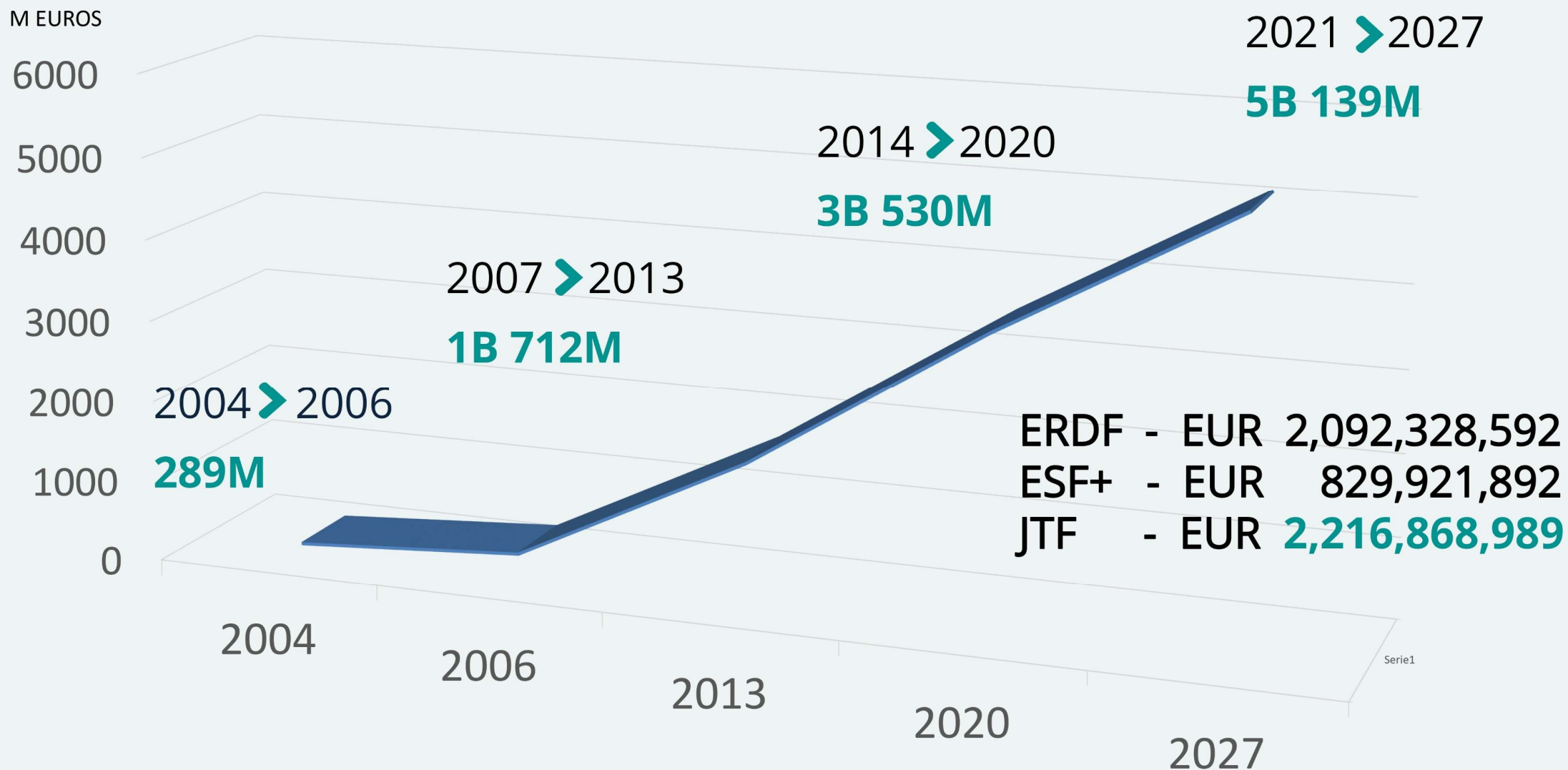
**STRATEGIC OBJECTIVE D:**  
THE SILESIAN VOIVODESHIP AS AN  
EFFICIENTLY MANAGED REGION



# EUROPEAN FUNDS FOR SILESIA

## In years 2004 - 2027

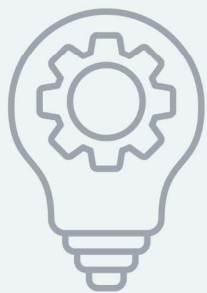
Tytuł wykresu





# TERRITORIAL JUST TRANSITION PLAN OF THE SILESIA VOIVODESHIP 2030

# THE EUROPEAN JUST TRANSITION FUND FOR SILESIA EUR 2,128B

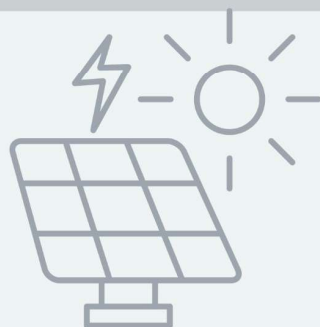


**Economy**  
**Euro 845M**

**Building** the position of a leading center in the area of innovative and high-tech industry.

**Redirecting** the economy of mining sub-regions to the path of green, resource-efficient, energy-efficient and digital growth.

**Strengthening** the potential and creativity of local entrepreneurship to create alternative jobs in mining sub-regions.



**Environment**  
**Euro 763,14M**

**Accelerate** the RES energy transition based on the potentials, resources and initiatives of mining sub-regions.

**Repurposing** of post-industrial areas (including post-mining areas) to social, economic and environmental reuse in mining sub-regions.

**Development** of zero-emission transport and transport cohesion of mining sub-regions.



**Society**  
**Euro 520,1M**

**Development** and adjustment of education at all levels to build the future of mining sub-regions

**Maintaining** economic activity of people employed in mining and mining-related enterprises in mining sub-regions.

**Improving** the quality of life of inhabitants of mining sub-regions (health protection)

**Strengthening** the social and management potential for implementation of just transition in mining sub-regions

# JTF IMPLEMENTATION PROGRESS FOR JANUARY 20, 2025

## FE SL 2021-2027



### **CALLS OF PROPOSALS:**

TODATE **56** JTF CALLS OF PROPOSALS HAVE BEEN LAUNCHED ENGAGING

**109,84%**

OF THE TOTAL FUND



### **JTF PROJECTS AWARDED:**

TODATE **767** HAS BEEN AWARDED FUNDING ENGAGING

**58,73%**

OF THE TOTAL FUND

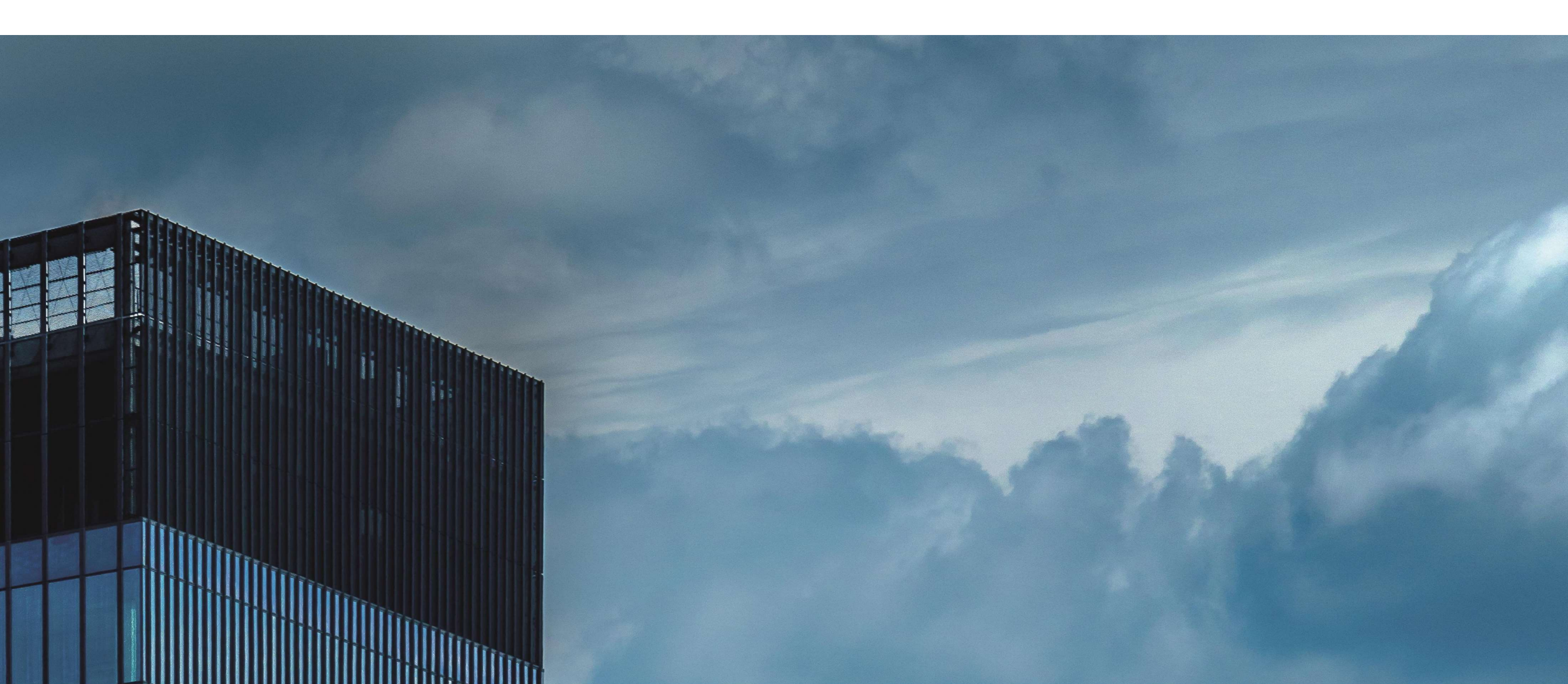


### **CONTRACTS SIGNED:**

TODATE **652** PROJECTS' CONTRACTS HAVE BEEN SIGNED ENGAGING

**45,23%**

OF THE TOTAL FUND



## **CHAPTER 3**

### *Examples of Good Practice*

# Gaming and Technology HUB in Katowice

**EU contribution: € 71.63M**

A modern Gaming and Technology Hub will be built on the historic grounds of the former Wieczorek mine in Katowice. It will be intended to be a common space for technology companies, game developers, i.e. game producers, as well as the e-sports community that organizes games, tournaments and broadcasts.



# STRATEGIC PROJECTS FOR HIGHER EDUCATION TRANSITION INFRASTRUCTURE

## Silesian Interdisciplinary Center of Chemistry (UŚ)

The establishment of this centre aims to enhance the quality of higher education by providing cutting-edge resources and learning environments. This will contribute to the development of a highly skilled workforce, foster innovation, and support the creation of new professional roles to meet the evolving demands of society and industry

**GREEN SCIENCE ZONE**

**Project;s value:**

**€ 55,05M**

**EU contribution:**

**€ 43,57M**

**FESL 2021-2027**



## Center for Biotechnology and Biodiversity (UŚ)

The goal of the project is to create a state-of-the-art Centre for Biotechnology and Biodiversity (CBB), complete with specialized workshops and advanced laboratories. This centre will focus on education in the natural sciences, engineering, and technical disciplines. Additionally, it will support medical and health sciences. The centre will embrace a broadly interdisciplinary approach to science, fostering collaboration and innovation across multiple domains.

**Project;s value:**

**€ 45,87M**

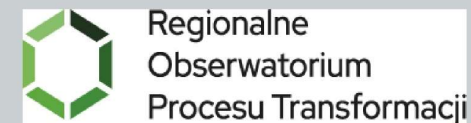
**EU contribution:**

**€ 30,73M**

**FESL 2021-2027**



# Regional Observatory of the Transition Process (ROTP)



## STAGE 1.0

EU contribution: € 0.35M

Implementation period:  
April 2022 – October  
2023

ROP WSL 2014-2020

- ✓ **8 key studies** with reports (concerning, among others, the expectations of employees of mines and mining-related companies regarding changes in the labor market, the role of trade union leaders, visions and plans for decarbonization of the region, the impact of closing mines on the environment, etc.)
- ✓ Strategic Balance  
<https://transformacja.slaskie.pl/content/wyniki-badan-przeprowadzonych-w-rotp>

643 people participated in:

- ✓ 6 Innovation workshops
- ✓ 6 Transition tools and actions seminars
- ✓ 8 LED workshops
- ✓ 1 Meeting for business in a form of a „Transition Cafe”

## STAGE 2.0

EU contribution: € 2.5M

Implementation period:  
April 2024 – December 2026

FESL 2021-2027

- ✓ **Main objective of the project:** supporting and improving the management of the just transition process in the Silesian Voivodeship, with particular emphasis on labor market issues, diversification of economic activity and the potential of post-industrial areas, including post-mining areas
- ✓ **7 partners** from the science sector, employers, employees and non-governmental organizations
- ✓ **Scope of the project:** research and analysis, ongoing information, educational and networking events, development of innovative and model solutions and good practices, ongoing monitoring and evaluation of the just transition process

The project was granted funding  
on 29/05/2024





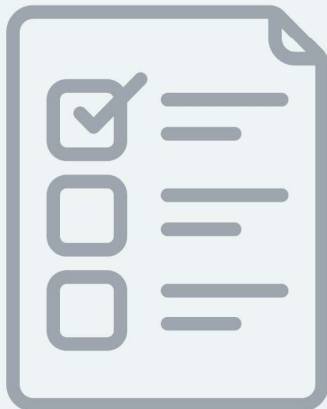
# OPI-TPP PROJECT - PUBLIC INFORMATION PLATFORM POST-INDUSTRIAL AND DEGRADED AREAS OF THE SILESIA VOIVODESHIP

EU contribution: €3.1 M

**OPI-TPP** is a public, regional database containing comprehensive information on post-industrial areas and activities conducted on them, in relation to elements of the environment, constituting an integral part of the Open Regional Spatial Information System (ORSIP).

**OPI-TPP** is an integrated tool for acquiring, processing and publishing data on post-industrial and degraded areas.

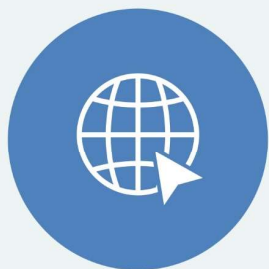
**OPI-TPP** system includes implemented tools and solutions used in interactive geoportals and services, combining the functionality and efficiency of access to a wide range of information with high reliability and up-to-dateness of available data. OPI-TPP will be built on the basis of the Geographic Information System (GIS), in accordance with the assumptions of the National Terrain Information System and the requirements of the INSPIRE directive.



## Project goals:

- ✓ Improvement of the environmental management system in the Silesian Voivodeship
- ✓ Integration of activities for sustainable development
- ✓ Universal and free public access to environmental information
- ✓ [Rozbudowujemy system OPI-TPP2.0 do wersji 3.0. | OPI-TPP 2.0](#)

[www.opi-tpp.pl](http://www.opi-tpp.pl)



[transformacja.slaskie.pl](https://transformacja.slaskie.pl)



[transformacja@slaskie.pl](mailto:transformacja@slaskie.pl)

**Fundusze Europejskie**

**dla Śląskiego na lata 2021-2027**



Fundusze Europejskie  
dla Śląskiego



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Polska

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Unię Europejską



Województwo  
Śląskie

# Estonsko/Estonia



**Meelis Kuusk**





Ida-Virumaa  
Omavalitsuste Liit

# Ida-Viru Just Transition

January 30<sup>th</sup> 2025

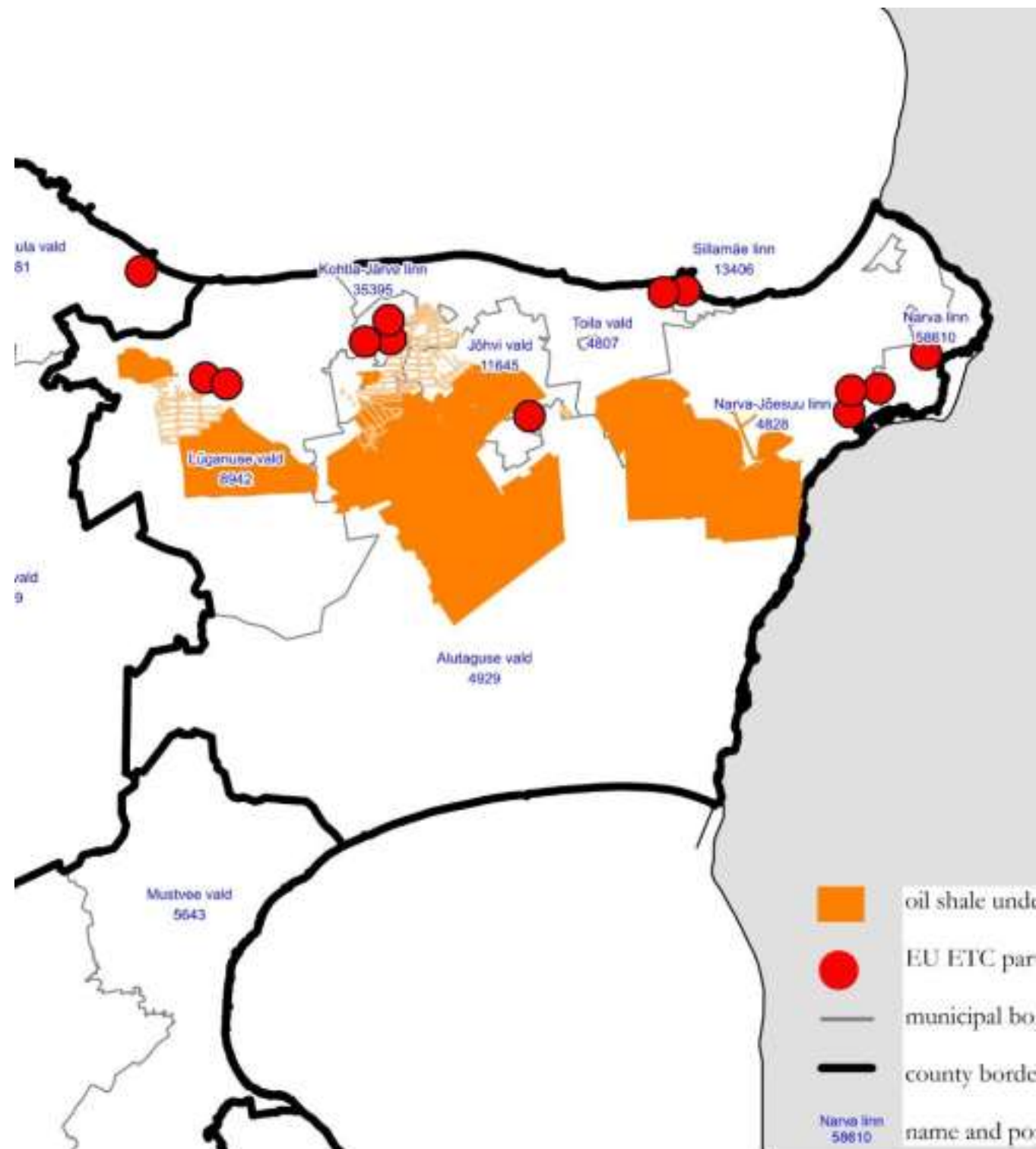
**Meelis Kuusk**

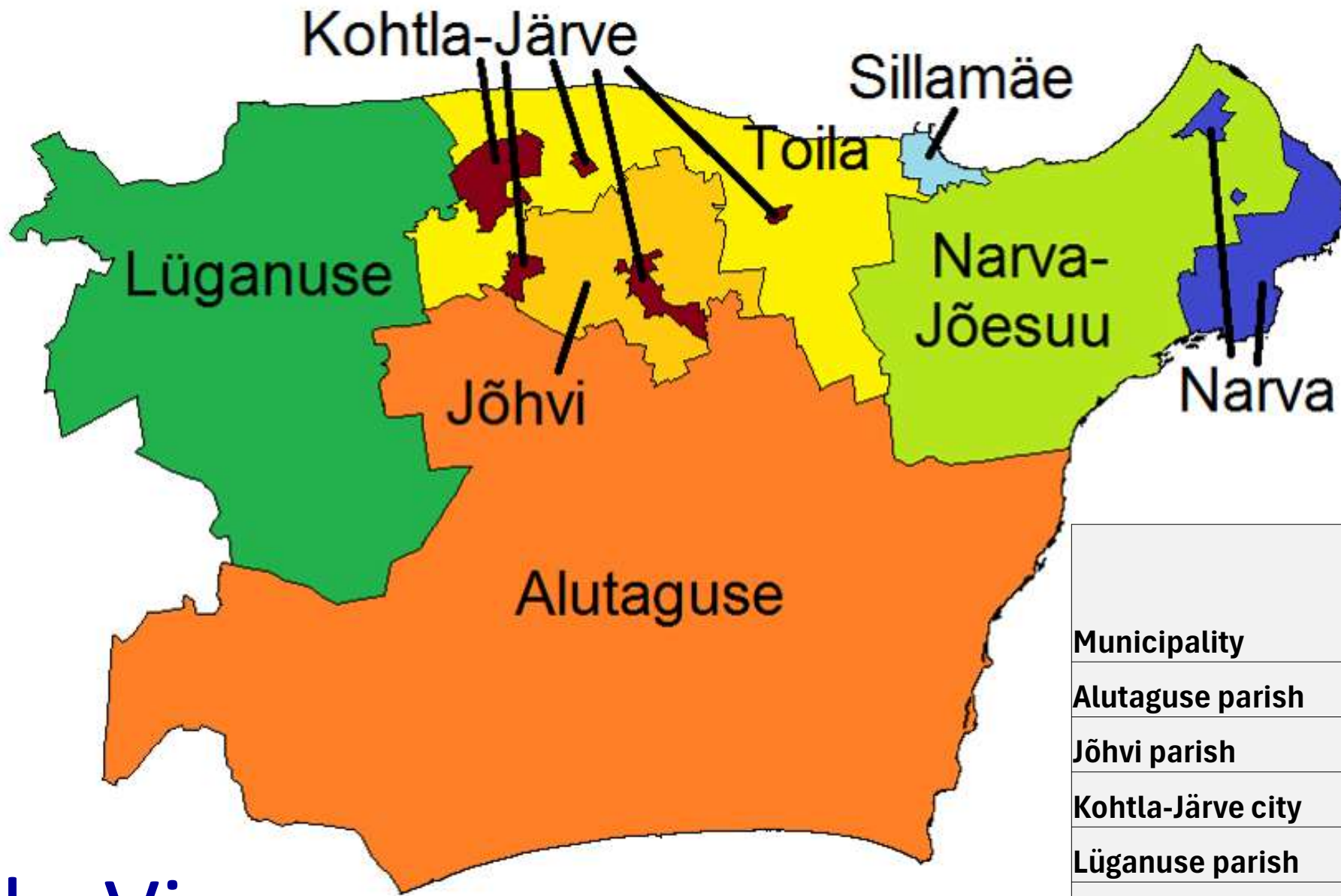
*CEO*

*Association of Local Authorities  
of Ida-Viru County*

# Ida-Viru factsheet

- + **Population** 128 889 (01.10.2024) 10% of Estonia, rapidly ageing and decreasing
- + **Economy** of the region depends on oil-shale sector, **5%** of Estonian national GDP, **2,5 %** of Estonian total employment, **13%** of Ida-Viru employment, **20%** of region's labour taxes, **50%** of Estonian GHG total emissions
- + **Unemployment** rate is 12,6 % (Dec 2024) Estonian average rate is 7,1 %
- + **Relative poverty** is daily reality for 35 % of the region's population (vs. Estonian average is 21%)
- + **Only 17,5 %** of the region's residents speak Estonian as their mother tongue

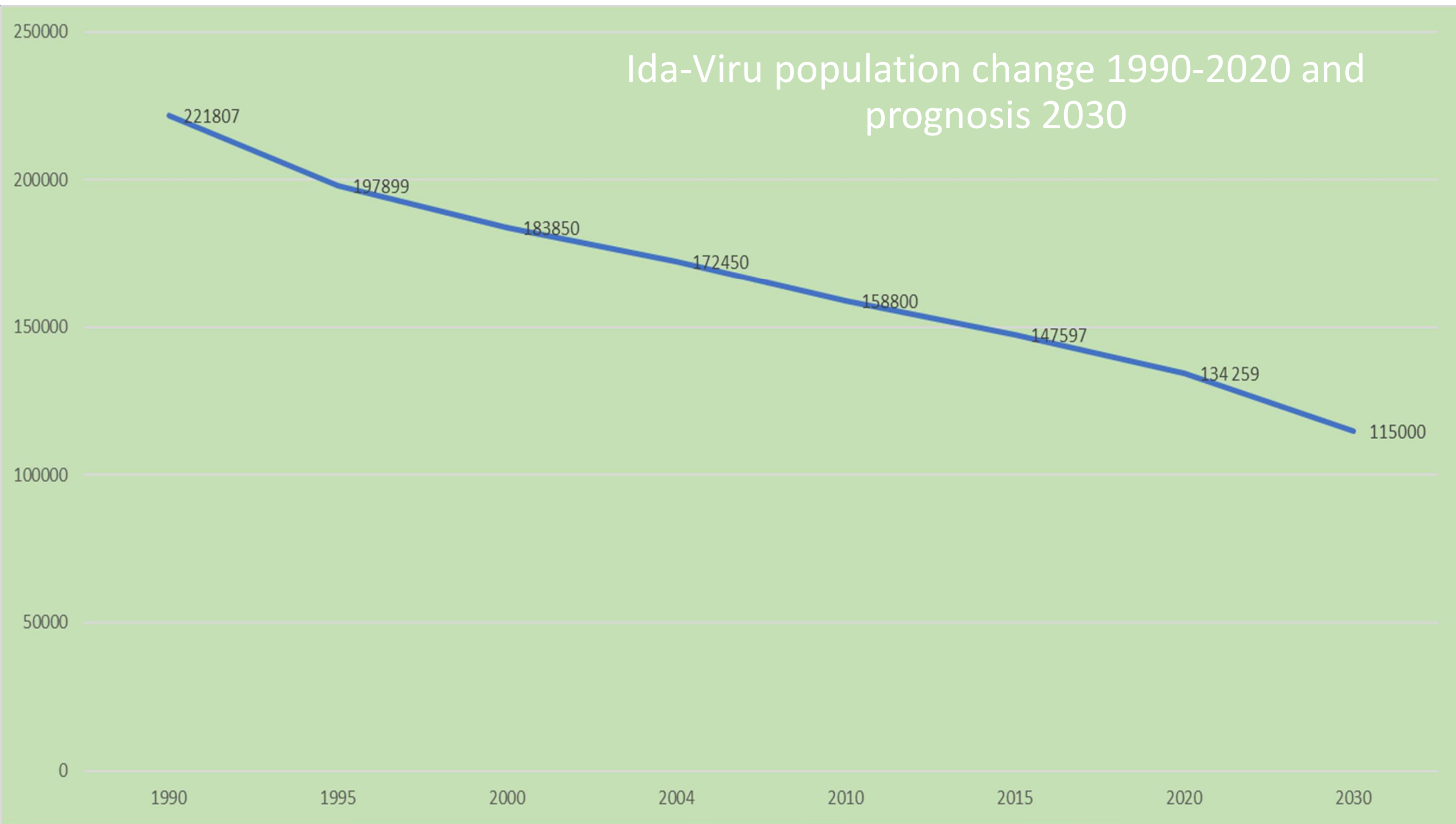




# Ida-Viru local municipalities

Municipality	Area km2	Population (01.10.2024.)	Density
Alutaguse parish	1 465	4 570	3,12
Jõhvi parish	124	11 364	91,65
Kohtla-Järve city	39	31 578	809,69
Lüganuse parish	599	8 037	13,42
Narva city	85	52 221	614,36
Narva-Jõesuu city	411	4 780	11,63
Sillamäe city	11	11 873	1 079,36
Toila parish	266	4 466	16,79

# Ida-Viru population change 1990-2020 and prognosis 2030



# IDAVIRU

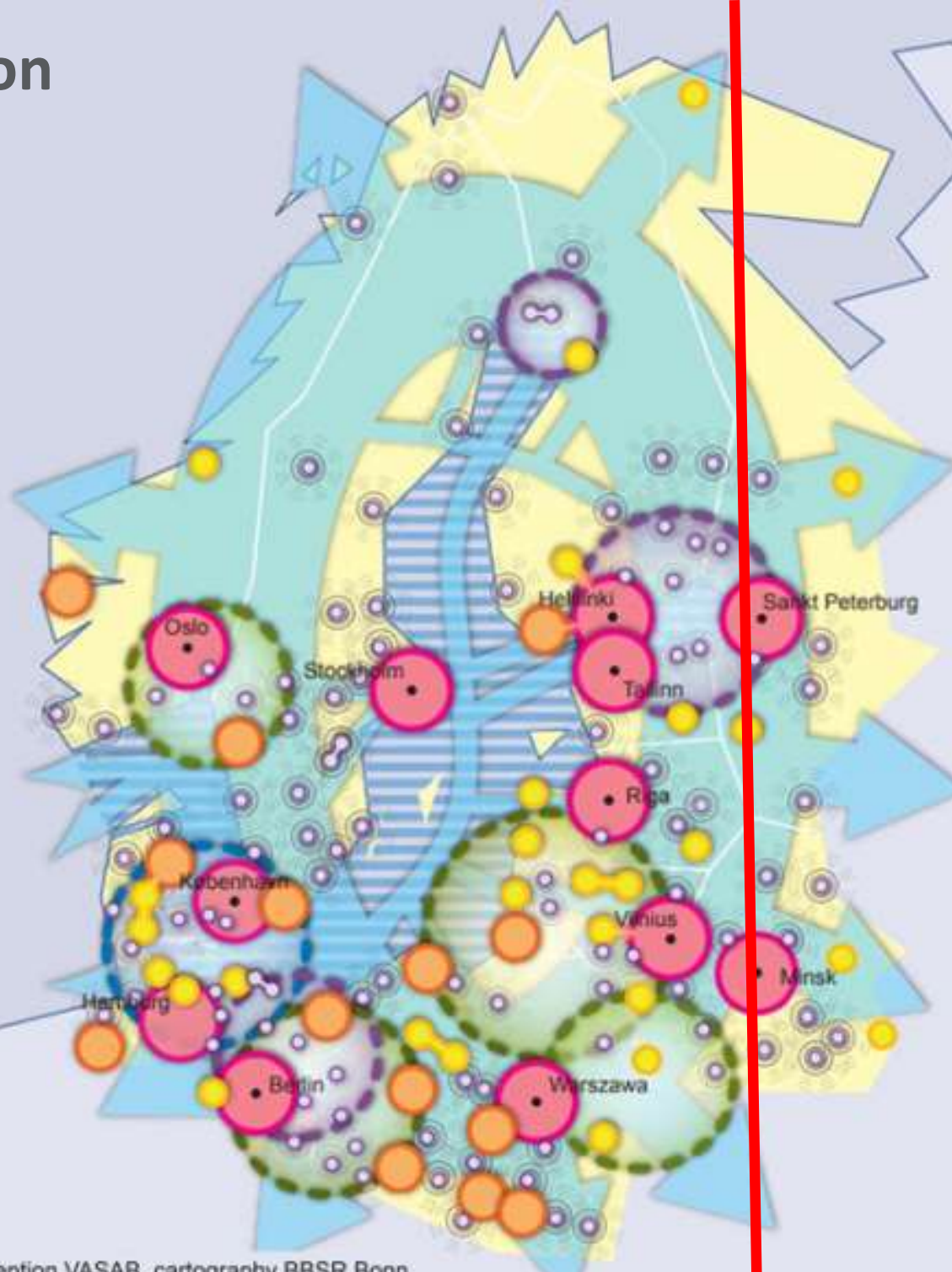
#SEIKLUSMAA

## Gate or/and castle?

The Photo by PhotoAuthor is licensed under CCYUSA.



# Baltic sea region vision 2030



- Functional profile of urban regions and centres \***
- Global gateway with prominent R&D and knowledge intensive business services
  - BSR gateway with well developed R&D and knowledge intensive business services
  - Urban region in process of metropolisation with growing globally linked R&D and knowledge intensive services
  - Regional development centre providing high quality services to residents in the surrounding area
  - Bi-polar and multipolar urban development
- Cross-border cluster cooperation areas**
- Existing
  - Potential
  - Cross border global integration zone
  - Integrated transport system and international links
  - Integrated maritime spatial planning

## Plan A

**Regional development strategy** – a joint document of local authorities of the county;

Includes up-to-date overview of the county, vision and sectoral activities to achieve strategic objectives, as well as an action plan and references to specific plans B; C; G ja E

## Plan B

*Regional **Business** plan for business development and investment.*

## Plan C

Regional plan for reduce **Carbon** emission

## Plan G

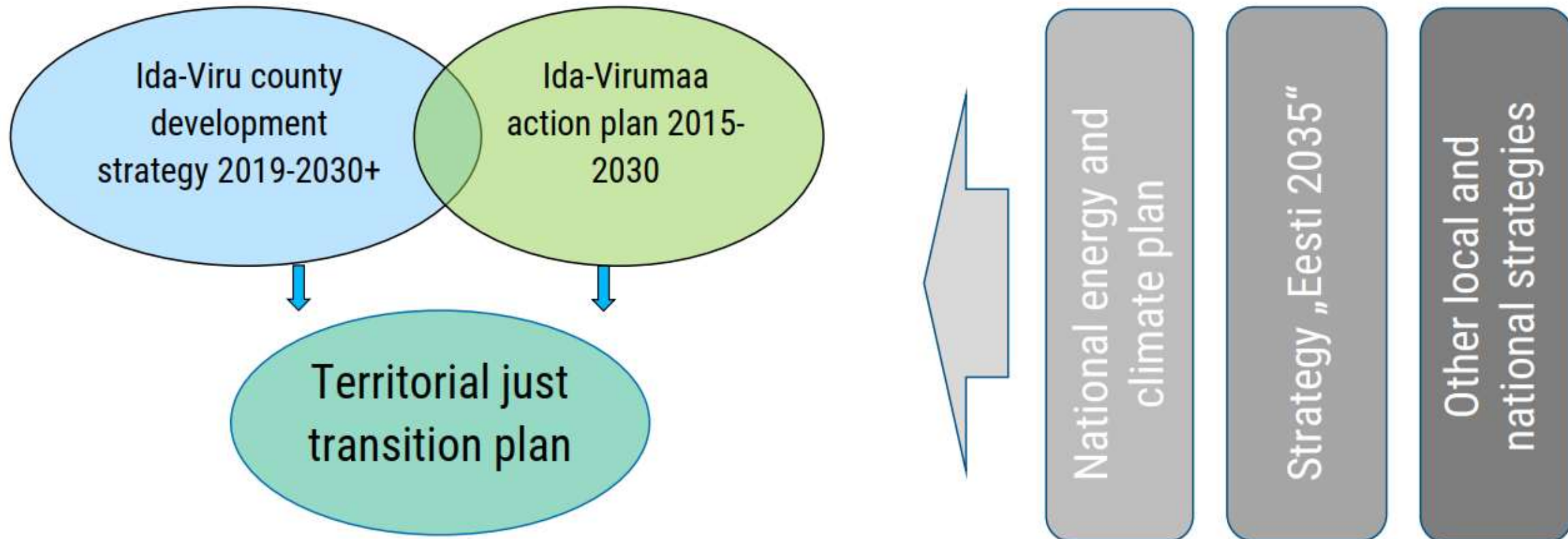
*Regional **Green** plan for boosting green-, bio-, blue- and circular economy sectors.*

## Plan E

*Regional **Education** plan*

# TJTP strategic framework

- Ministry of Finance is in the process of extending the Ida-Virumaa action plan until 2030.
- Association of Local Authorities of Ida-Viru County has started the process of renewing county development strategy to add stronger focus on the transition process.



# Involvement of TJTP specific partners

- **Steering Committee for TJTP**


- Established by Ministry of Finance for preparation as well as for monitoring of the implementation of TJTP;
- Membership includes 18 main stakeholders (relevant ministries, regional authorities and bodies, representatives of employers, employees, environmental NGOs, universities etc);
- Acting as a working group under the Monitoring Committee (according to Art 15 of Commission Delegated Regulation 240/2014).


- **Structures at the regional level**


- Association of Local Authorities of Ida-Viru County (IVOL);
- Regional just transition platform, established by IVOL, 52 different regional and other stakeholders involved;
- Other „soft“ networking structures (regional science council, education and tourism clusters etc.)

# The transition in Ida-Viru: Fast relief vs long-term change. Types of actions:

## Fast relief

 Labor mobility allowances and re-profiling services for oil shale sector employees

 Services in support of economic diversification

 Support scheme for small enterprises

 Increasing the volume of in-service training, vocational and higher education offering

Resulting construction activity helps relieve immediate effects of the transition

 Development of social and health services supporting social change

 Support for regional initiatives amplifying the just transition

## Long-term economic change

 Support scheme for industrial investment

 Support scheme for increasing the knowledge intensity of enterprises

## Long term social and environmental change

 Decoupling district heating from oil shale

 Alleviating environmental and health impacts of oil shale mining and processing

 Investments in JTF-eligible areas by local governments

# Intervention logic

The JTF in Estonia is to be split into two main programmatic strands:

- **“Economy and labour”** aims to help restructure and diversify the economy and workforce of Ida-Viru region. Actions foreseen as part of this programmatic strand largely correspond to activities described in points a, b, c, d, k, l and m of paragraph 2 Article 8 of the Regulation establishing the Just Transition Fund (regulation).
- **“Environment and social inclusion”**, tackles the social, environmental and community aspects of the transition, corresponding to activities described in points d, e, f, g, h, i, j and o of the Regulation.

As a result of the clarification of the JTF regulation and extensive consultation, the proportional split between the strands is proposed to be **80% / 20%** (excl TA).

# Interventions

## 1. “Economy and labor”

- 273 mln € (~80% of JTF volume)

1. **Ida-Viru grand investment grant** – 153 million €
2. **Increasing the knowledge intensity of Ida-Viru entrepreneurship** – 50 million €
3. **Services in support of economic diversification** – 29 million €
4. **Ida-Viru SMEs investment grant** – 15 million €
5. **JTF labor market measures** – 5 million €
6. **Increasing the volume of in-service training, vocational and higher education offering** – 25 million €

## 2. “Environment and social inclusion”

- 66,74 mln € (~20% of JTF volume)

1. **Decoupling district heating from oil shale** – 5 million €
2. **Alleviating environmental and health impacts of oil shale mining and processing** – 10 million €
3. **Empowering people's wellbeing in Ida-Virumaa** – 5 million €
4. **Local government investments in JTF-eligible areas** – 15 million €
5. **Support for regional initiatives amplifying the just transition** – 16,74 million €

# Current situation

257 approved projects

21 projects still pending

Total amount of grant approved 332 311 577 €

1 165 new jobs will be created

324 million euros of will be invested

More info: <https://www.idavirufond.ee/kuidas-meil-laheb>





# POSTKAART IDA-VIRU TULEVIKUST!



SELLEL KAARDIL ON KUJUTATUD IDA-VIRUMAA TULEVIKKU, MIS ÕIGLASE ÜLEMINEKU FONDI TOEL SÜNNIB JUBA TÄNA:

1. UUED TOOTMISED NARVA TÖÖSTUSPARKIDES: NPM NARVA MAGNETITEHAS, FORTACO, AQUAPHOR JT
  2. NARVA TÖÖSTUSINKUBAATOR
  3. ROBOOTIKA JA ANDMETEADUS TARTU ÜLIKOOI NARVA KOLLEDŽIS
  4. UUED TOOTMISED, HOTELLID JA KUNSTIGALERIID SILLAMÄEL
  5. JÕHVI DIGI-, MEEDIA- JA FILMI INKUBAATORID KOOS FILMISTUUDIOTEGA
  6. PÄIKESEPANEELIDE, TUULIKUTE JA JÄTKUSUUTLIKE KEEMIAHASTE ARENDAMINE KOHTLA-JÄRVEL
  7. TALTECH VIRUMAA KOLLEDŽI TEADUS- JA INNOVATSIOONIKESKUS
  8. KURTNA JÄRVESTIK JA MATKARADA
  9. VOKA KOGUKONNAKESKUS
  10. KIRVEVISKAMISE KESKUS MÄETAGUSEL
  11. ALUTAGUSE VALLA TEENUSEKESKUS IISAKUS
  12. LOODUSSPAAHOTELL ALAJÕES
  13. ALAJÕE KOGUKONNAMAJA
  14. AIDU VEESPORDI- JA VABAAJAKESKUSE ARENDAMINE, II ETAPP
- JA PALJU MUUD.



Kaasrahastanud  
Euroopa Liit






Eesti  
tuleviku heaks

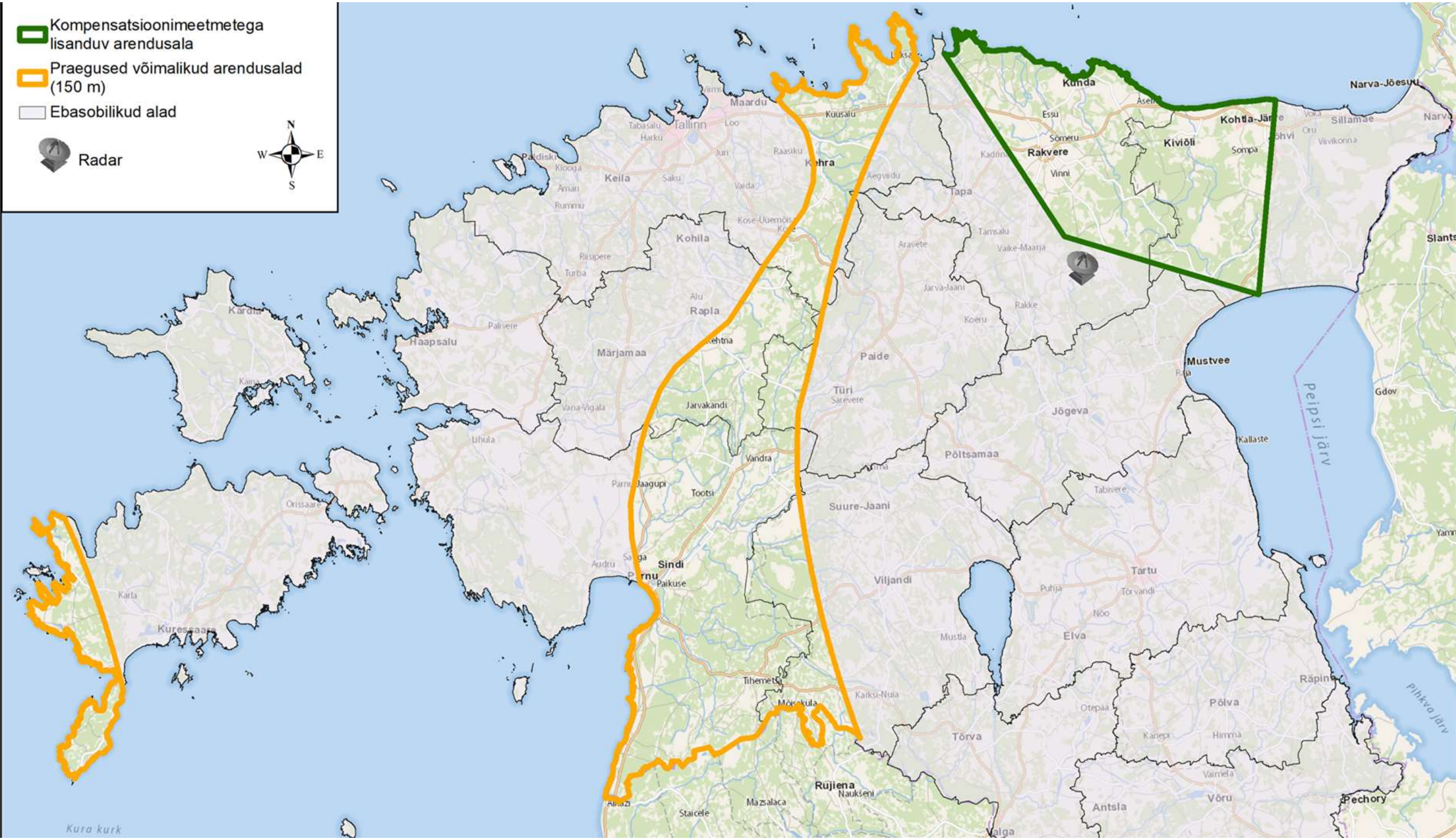
# Re-use of mining and industrial areas



## Wind farm in Auvergne oil-shale ashfield



-  Kompensatsioonimeetmetega lisanduv arendusala
-  Praegused võimalikud arendusalad (150 m)
-  Ebasobilikud alad





Ida-Virumaa  
Omavalitsuste Liit

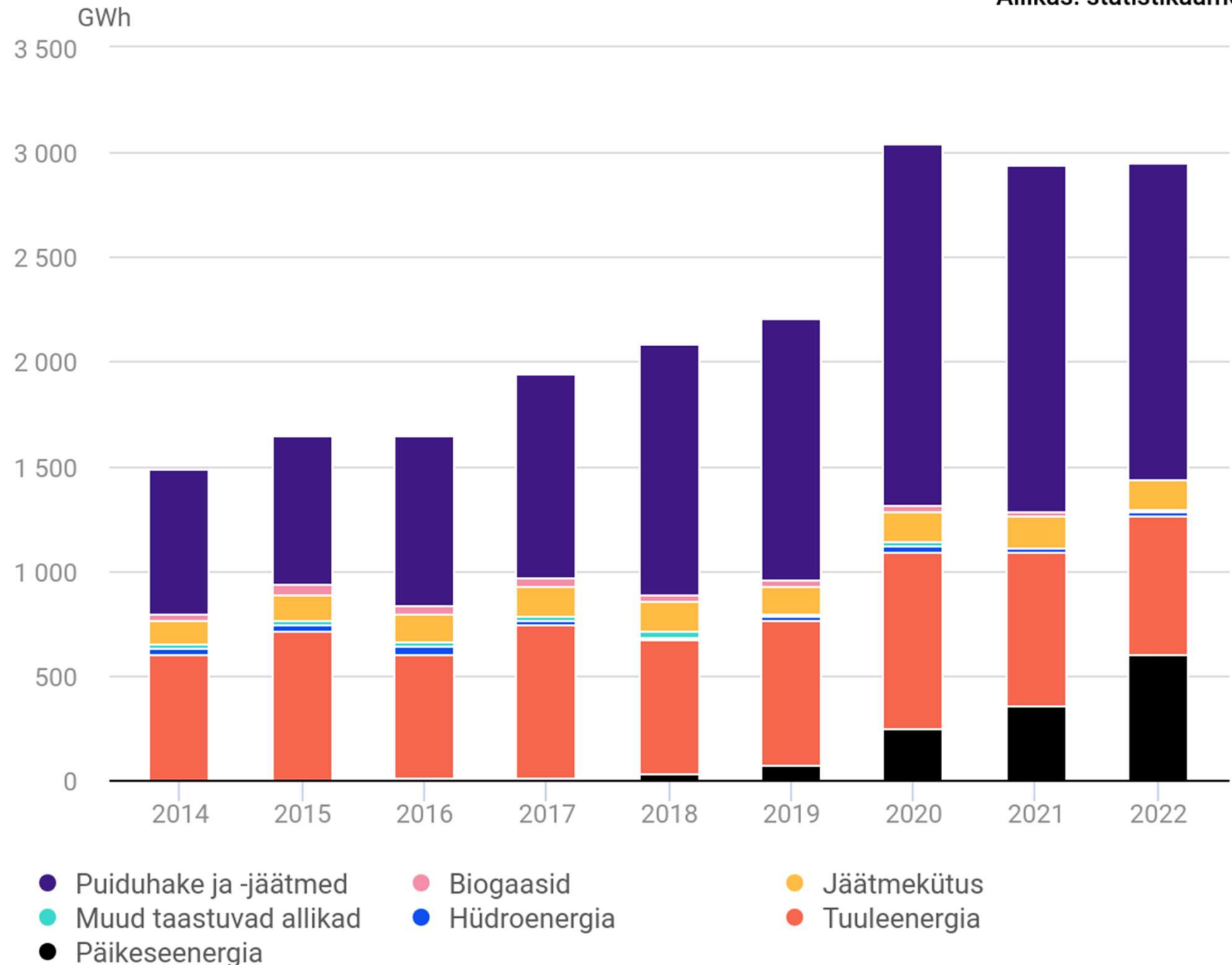
## Renewable energy production in Estonia

In the previous year, 2023, a total of 4,900 gigawatt-hours (GWh) of electricity was produced in Estonia, of which 2,600 GWh, or 53%, came from renewable sources. Meanwhile, Estonia's total electricity consumption was approximately 8,200 GWh.

1. Biomass
2. Wind
3. Solar

## Taastuvatest allikatest toodetud elekter | 2014–2022

Allikas: statistikaamet



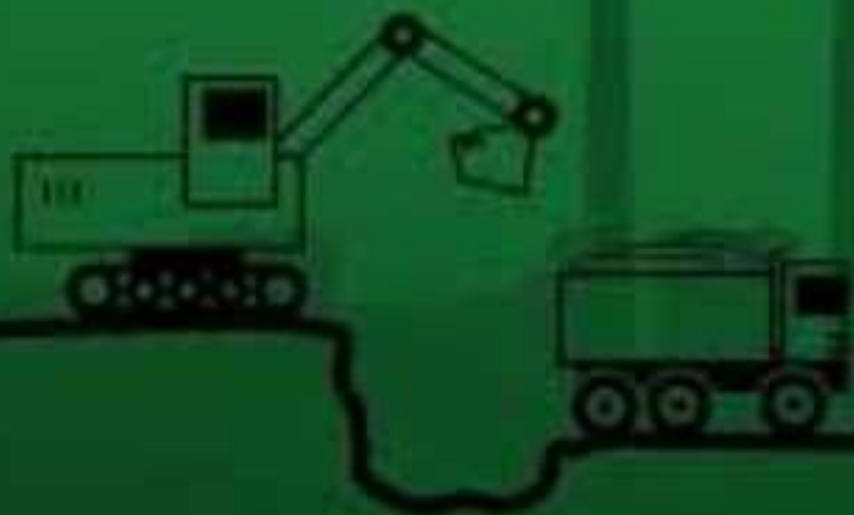


# The largest circular economy project in Northern Europe

Nearly 600 million tonnes of oil shale ash have been deposited in Ida-Viru county. Ragn-Sells has developed a solution to turn these ashes into ultra-pure calcium carbonate while simultaneously capturing large amounts of carbon dioxide into the material.

Oil-shale ashfield in Narva

1 TON PCC = 1 TON CO<sub>2</sub>





# Re-use of oil-shale ash for the production of calcium carbonate and magnesium



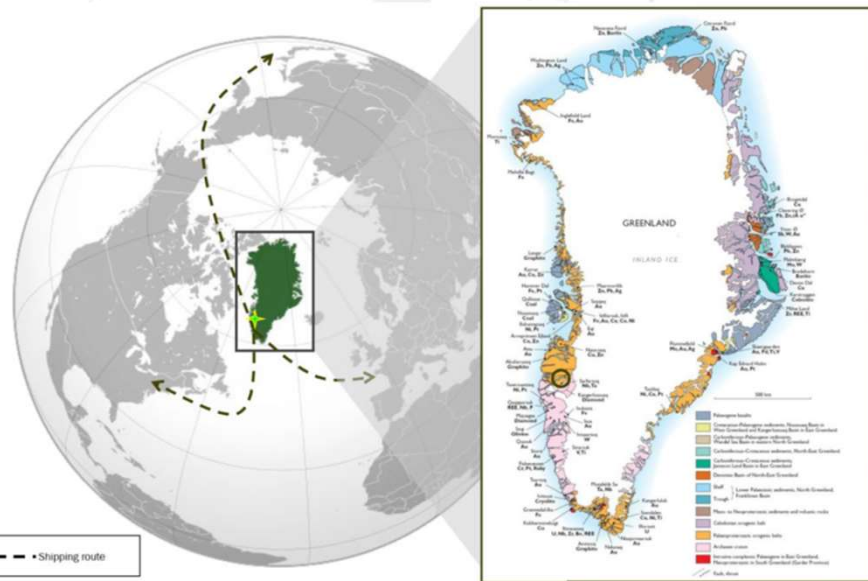
*Source: ragnsells.ee*





# Prospective Rare Earth Supply Initiatives

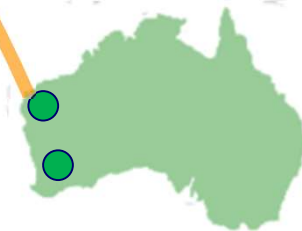
- Neo is purchasing an exploration license from Hudson Resources Inc. covering the Sarfartoq Carbonatite Complex in SW Greenland.



Neo's REE processing facility in Sillamäe, Estonia

- Hastings Technology Metals, Neo's largest shareholder, is developing the Yangibana Rare Earth Project, with substantial Neodymium and Praseodymium resources.

- Non-binding MOU with Australia Rare Earths for potentially 50% of the planned production of mixed rare earth carbonate from the Koppamurra Rare Earth Project.
- Ionic clay deposits rich in magnetic REEs, particularly heavy REEs (Dy and Tb), which are used in powerful sintered neo magnets for EV traction motors.



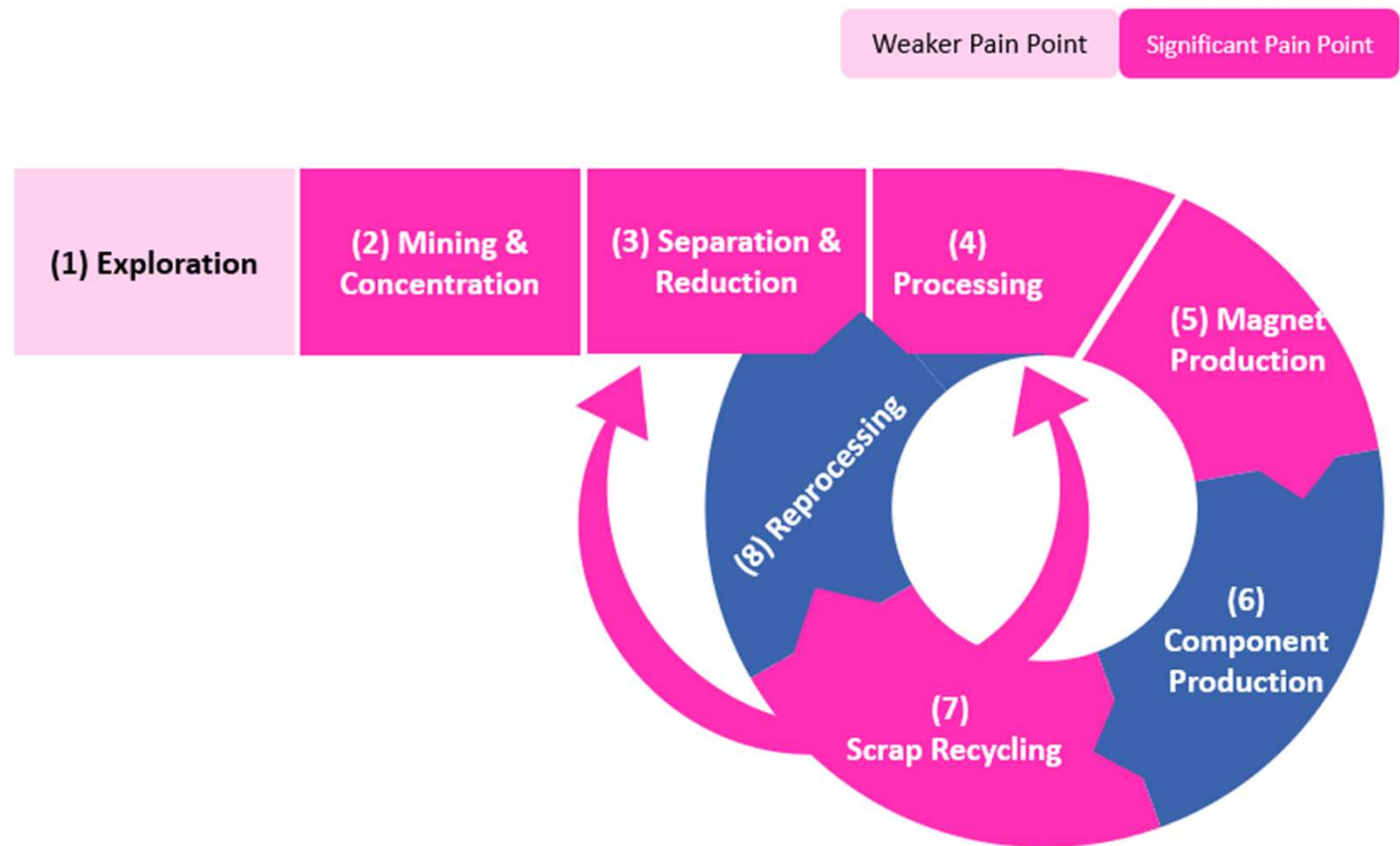
## What NEO Can Do:

### Co-Location of REE Separation, Reduction, Magnet & Recycling

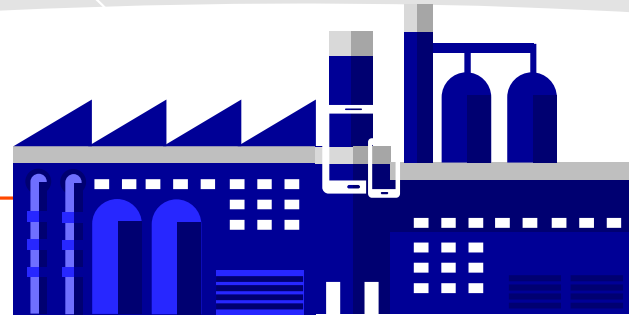
- Innovative Solution, Sustainable Production, Recycling & Circular Economy**

- Co-location allows recycling with less chemicals & less energy input
- Co-location eliminates the need to transport ill-defined materials to inter-regional boundaries, thus reducing carbon footprint
- Being closer to customers will improve the economics by streamlining the EOL value chain
- NEO will be the first and only one in Europe to implement 100% closed loop recycling for sintered neo magnet at one location, boosting the circular economy in the EU

- NEO could address (3), (4), (5) & (7) pain points and turns them into BLUE**



# Positions Required for Existing and New Plant



## Magnet Plant



Direct Labour (Vocational)	Engineering	Material Science	Chemistry (QA/QC)	Office
31	4		20	

Engineering: Electrical, Mechanical, Automation, etc...  
Office: Finance, Accounting, Logistic, EHS, IT etc...

**These numbers will be double for Phase 2**

## Expansion of Existing Rare Earth Separation



Direct Labour (Vocational)	Engineering & Process Control	Chemistry (QA/QC) and Office
50	10	5

Engineering & Process Control: Industrial operations, process technologists, chemical engineers/controls engineers/chemists project managers

## Why Narva ?

- Available qualified labor with industrial background
- Strong support from local authorities
- Availability of energy
- Neo footprint in region (NPM Silmet)

### Challenges

- Accomodation for foreign and new specialists
- International school





# JÕHVI DIGITAL AND MULTIMEDIA INCUBATOR



## + **Startup Incubator**

- Construction procurement deadline: February 17, 2025
  - Estimated construction cost: €3,272,000
  - Completion deadline: July 31, 2026
- ## + **Expected outcomes by 2029 through the startup incubation program:**
- Technology SMEs benefited: 60



# CREATIVE INDUSTRY INCUBATOR WITH A STUDIO COMPLEX



## + Film Studio Complex for Multifunctional Use

- Construction procurement deadline:
  - February 4, 2025
  - Completion deadline: July 31, 2026
  - Estimated construction cost: €10,990,000

## + Expected outcome by 2029 through the Film Industry Incubation Program:

- Number of audiovisual sector SMEs benefited: 25
- Growth in film industry innovation in the region (including Estonia)



# Kood = 4000h of code

- > 0 teachers, 0 classes, 0 EUR tuition fee
- > School provides **equipment** (computer + monitor)
- > **100%** practical programming
- > Possible to complete the program **remotely**
- > **Self-study methodology** - choose your own pace
- > **International** and **English speaking** environment





Ida-Virumaa  
Omavalitsuste Liit

# Děkuji !

**Meelis Kuusk**

*CEO*

*Association of Local Authorities of Ida-Viru County*

*Keskväljak 1-301, Jõhvi 41531*

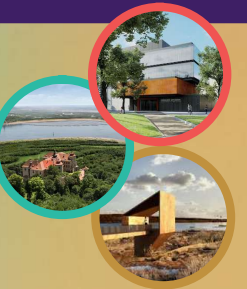
*meelis.kuusk@ivol.ee*

*+372 5300 6106*

# Mad'arsko/Hungary



**Zsuzsa Piskóti-Kovács**





LIFE IP North-HU-Trans  
LIFE19 IPC/HU/000009

## Bottom-up approach in stakeholder engagement in practice – a Hungarian example

Dr. Zsuzsa Piskóti-Kovács  
*Head of Coal Commission Secretariat,  
Eszterházy Károly Catholic University*

**1st Annual Conference of the Just Transition  
Programme in the Czech Republic  
TRANSFORM EASILY!  
30. 01. 2025.**

**FOR JUST  
TRANSITION**

# The Hungarian Just Transition - overview

- 3 counties are eligible (Baranya, Borsod-Abaúj-Zemplén and Heves counties)
- 250,6 million EUR
- Multi-level governance model (actors)

- Central Administration

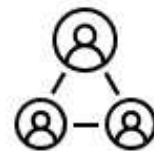
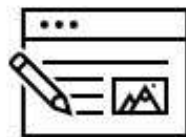
**Ministry of Energy** (professional contents) 

Ministry of Public Administration and Regional Development – National Development Center (managing authority)

- Local/regional level

**Coal Commission Secretariat** – Stakeholder Committee in the Northern Hungarian Coal Region (since 2020) 

University of Pécs, Stakeholder Committee in Baranya (since 2024)



# Intervention measurements



Re/upskilling of workers  
Support for becoming an entrepreneur

Incubators, mentor programmes

Supporting SMEs in reducing their GHG emission by technology change and increasing their energy efficiency

Research+Development+Innovation

Economic diversification

Innovative energy storage (pilot)

**40%**



**MODIFICATION OF  
OPERATIVE  
PROGRAM IS IN  
PREPARATION**

Residential energetic developments (renewable energy, energy efficiency)

Awareness raising activities

Managing water management problems after lignite phase-out

Repurpose of recultivated mining areas





# The Stakeholder Engagement Strategy



**MEMBERS**  
Project partners of  
LIFE IP  
+  
50+ non-project  
organizations

It is based on three main pillars

1. Establishment of Hungarian Coal Commission (2021)
2. Coal Commission Working Group meetings
3. Awareness raising activities



- Dedicated organization for implementing the stakeholder engagement strategy
- Direct connection with the decision-making level
- Knowledge directly from the ground

*Municipalities*  
*Companies inc. MVM*  
*Group, MVM Mátra*  
*Energy Zrt.*  
*Central Public*  
*Administration Bodies*  
*NGOs*  
*Trade Unions*  
*Academia*



# The Hungarian Coal Commission

'High level' meetings

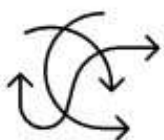
Organized by Coal Commission Secretariat and Ministry of Energy **jointly**

10 meetings since 2021



## Importance of these meetings

- Continuous information about the transition
- Multi-level governance
- Inputs for the Managing Authority for the preparation of calls under JTF



## Challenges

- Manage the 'language-barrier'
- Keep the SHs on the board
- Lose the patience – manage the uncertainty



# Working groups – operative level

## 4 WGs

1. Vision of Just Transition
2. Economy Support
3. Alternative Recultivation
4. Residential Energy Usage



## Advantages of these meetings

Roundtable discussions

Smaller group meetings

Well-focused, thematic meetings

Official inputs to decision makers

When it is not enough.... →

**EXAMPLE**



# Awareness raising activities



## Y o u t h

- Green Week at EKCÚ
- Roundtable discussions
- Topic of JT is integrated in a University course
- Non-formal educational material for primary school students



## R e s i d e n t s

- Social media: Facebook, website
- Forum events for residents
- Poster and billboard campaign



Heves Vármegyei  
Kereskedelmi és Iparkamara



## C o m p a n i e s

- Events at companies
- Mentor program
- Decarbonization award



Heves Vármegyei  
Kereskedelmi és Iparkamara

## Lessons learnt

1. Give time for getting to know the stakeholders – different stakeholders = different motivations
2. Find allies!
3. Find the way how you can support them! (e.g. TARGET)
4. Communicate continuously on the right way with the right language! →
5. Create opportunity to talk about the just transition!
6. If you hit the wall, climb through the window!



### Just Transition Platform Working Groups

Action 3: Toolkit for communicating about the just transition with citizens and municipalities

[Just Transition Platform Working Groups - Action 3: Toolkit for communicating about the just transition with citizens and municipalities](#)

# Thanks for your kind attention!

[piskoti.zsuzsa@uni-eszterhazy.hu](mailto:piskoti.zsuzsa@uni-eszterhazy.hu)

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



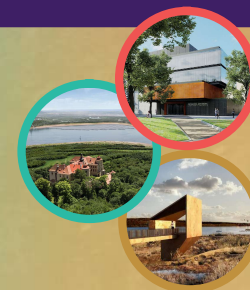
# Německo – Lužice / Germany – Lausatia



**Luise Port**



**Thomas Maurer**



# LIL Land Innovation Lausitz

## Concepts for climate- adapted land use and a sustainable bioeconomy in Lusatia (Germany)

Thomas Maurer & Luise Porst  
(Leibniz-ZALF, BTU Cottbus-Senftenberg, Germany)

Conference "Transform easily" | Ústí n.L. | 30 Jan. 2025



GEFÖRDERT VOM



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für Bildung  
und Forschung

wir! Wandel durch  
Innovation  
in der Region

b.tu  
Brandenburgische  
Technische Universität  
Cottbus - Senftenberg



Leibniz-Zentrum für  
Agrarlandschaftsforschung  
(ZALF) e.V.



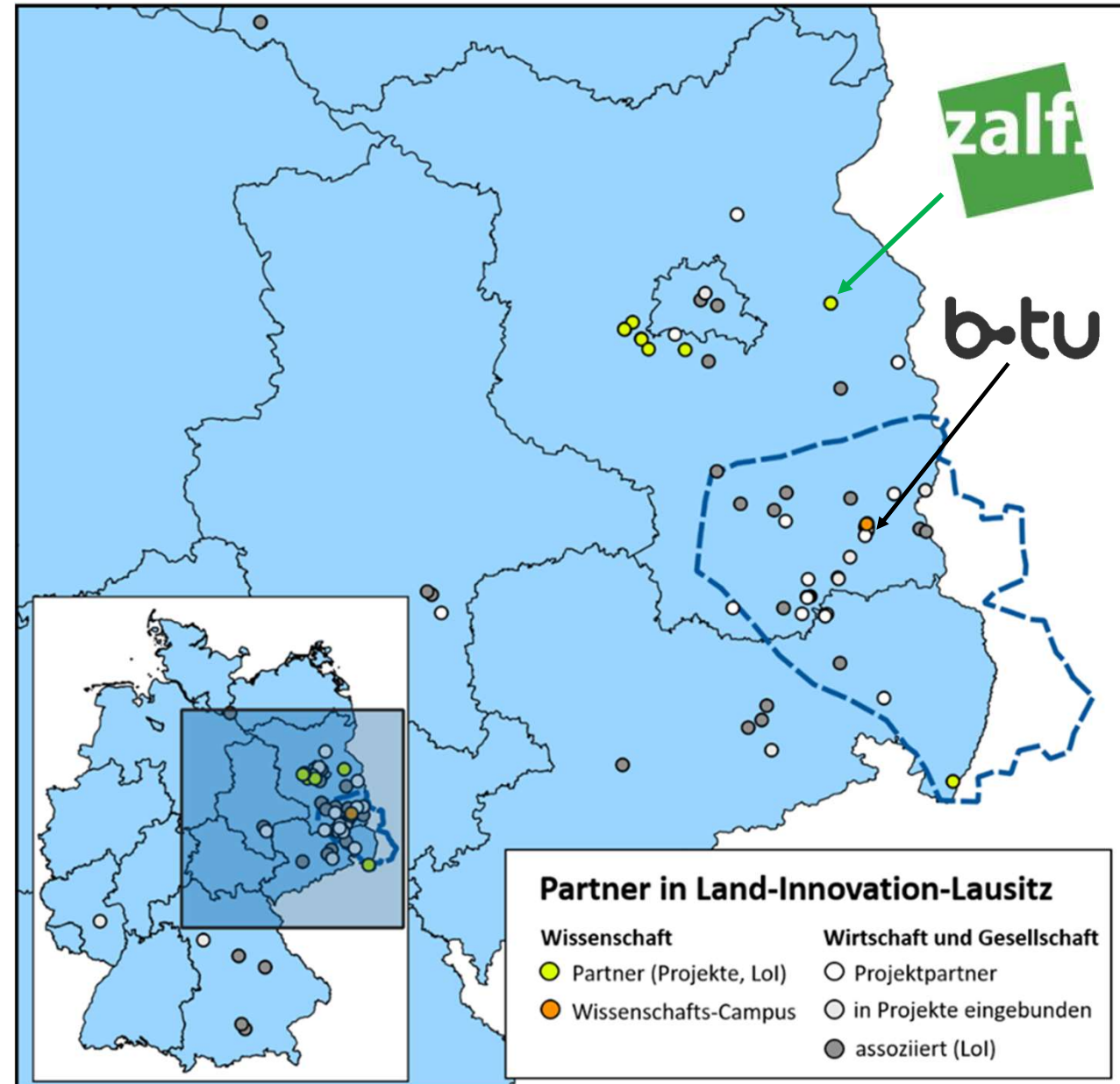
## Funding source

- German Federal Ministry for Education and Research
- Programme to foster **innovation-based** economic and social transition in **structurally disadvantaged** regions in Germany
- Funding duration: 2019-2026



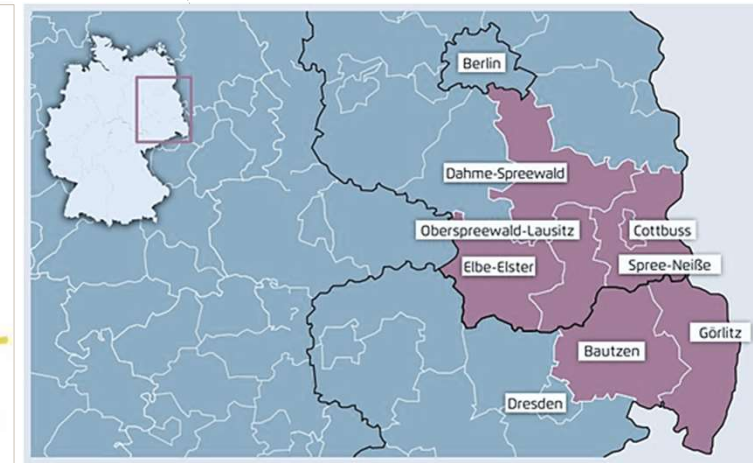
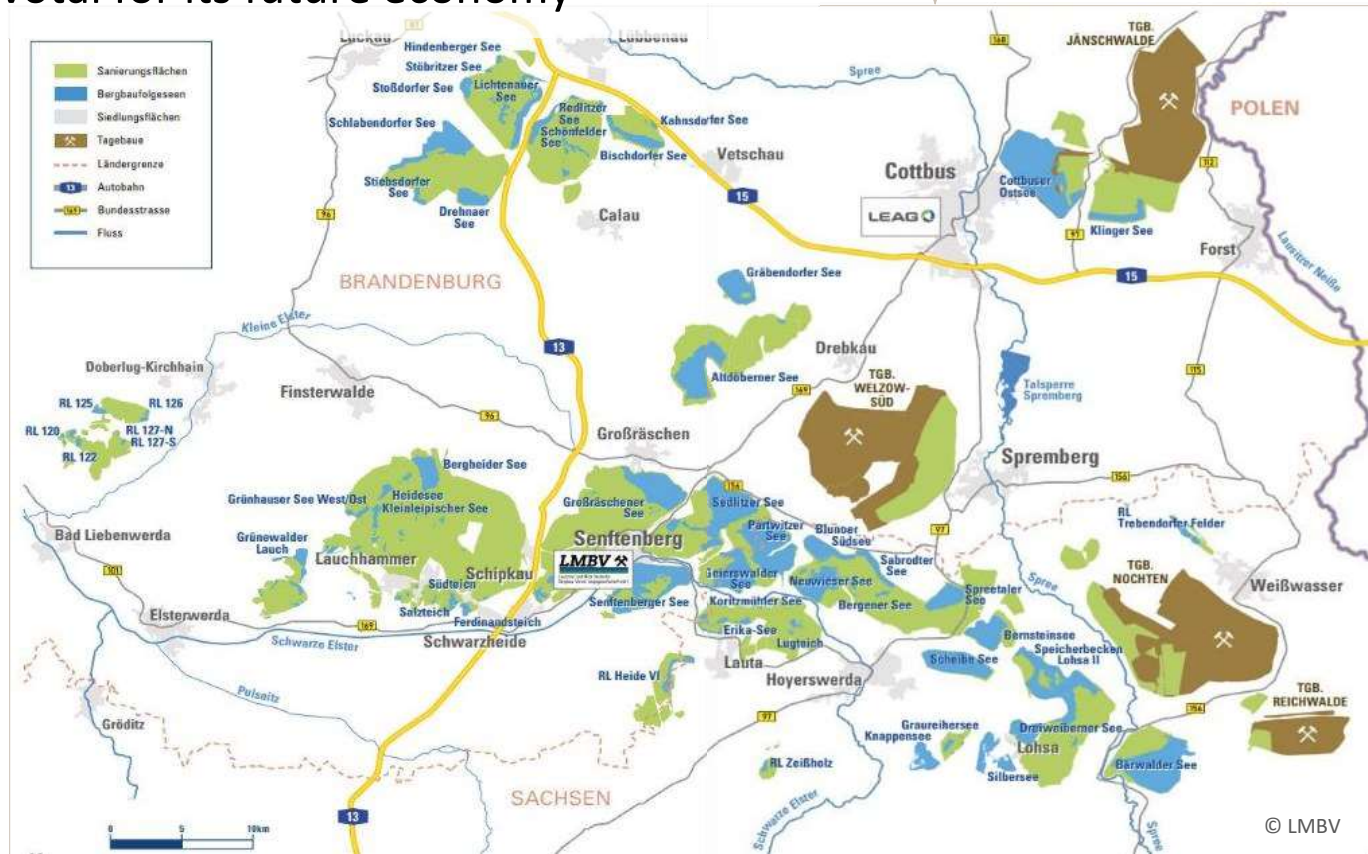
## LIL organisation & structure

- Overall funding: 14.6 Mio.
- Management & coordination: Leibniz-Centre for Agricultural Landscape Research (ZALF) & Brandenburg Technical University Cottbus-Senftenberg (BTU)
- 25 projects in total, 13 currently running
- Mainly R&D projects, transdisciplinary project consortia
- > 50 project- and associated partners (research, SME, farmers, municipalities, intermediaries)





## Context: Socio-economic transition in Lusatia

- Gradual phase-out of lignite coal mining until 2038
- Besides lignite coal mining and energy production, regional landscape shaped by agricultural land use
- Aiming at diversification of economic structure
- Region itself still considers (clean) energy production pivotal for its future economy



# Why climate-adapted land use and sustainable bioeconomy?

- With ongoing climate change, precipitation shifts to the winter months: **droughts in early summer** occur regularly
- High susceptibility of traditional land use systems to **evaporation and wind erosion**
- **Loss of biodiversity** due to conventional land use practices and monoculture farming

  [Anmelden](#)


Nachrichten > Video > Panorama > Wetter: Deutschland leidet unter Trockenheit


**Extreme Trockenheit**  
**Die Mini-Sahara von Brandenburg**



„Extreme drought – Brandenburg’s tiny Sahara“


24.04.2019, 19:14 Uhr - Wüstenbildung in der Mark, schon im April - für einige Landwirte könnte ein zweiter Dürresommer in Folge das Ende bedeuten. Besuch in einer Region, die den Regen herbeisehnt.

Mehr zu: [Dürre](#) | [Trockenheit](#) | [Wetter](#) | [Brandenburg](#) | [Landwirtschaft](#)

 [Zum Artikel](#)





© SPIEGEL Online, 24.04.2019

## Why climate-adapted land use and sustainable bioeconomy?

- **Socio-economic aspects:** decreasing social acceptance of conventional agriculture, current scheme of subsidies by Common Agricultural Policy not sustainable
- **Market requirements:** volatility of chemical fertilizer- & pesticide prices, changing consumption patterns
- In the long run, shift to a sustainable, **biomass-based economy** is necessary, but **food-security** is a major challenge (balancing biomass- and food production)



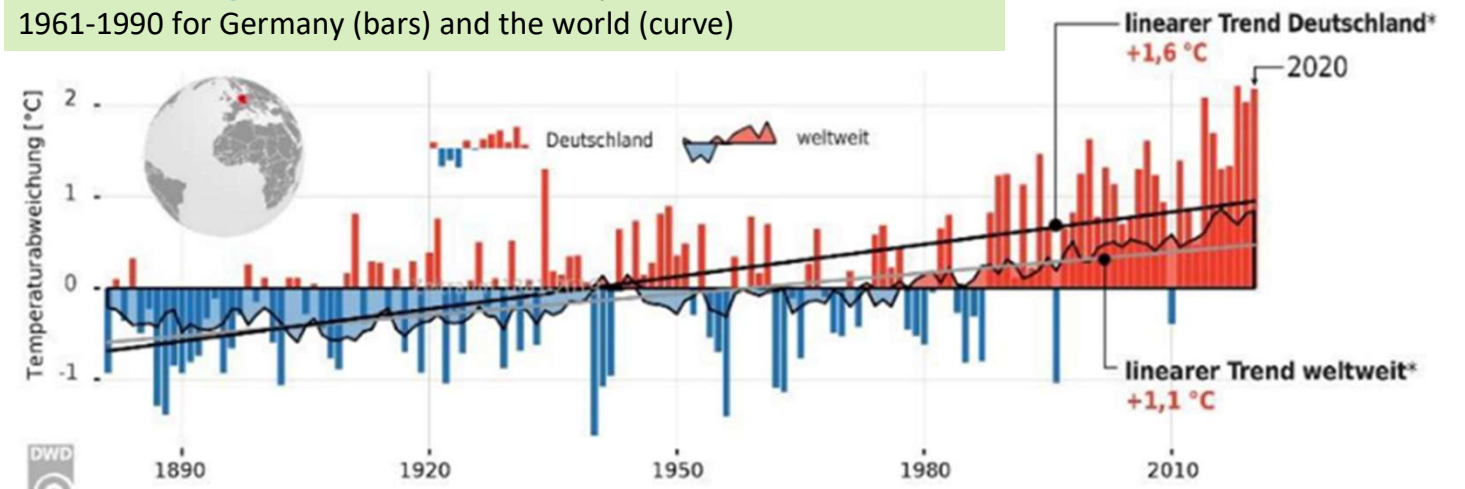
## Our Motivation

- **Innovations** in agriculture and land use as a basis for **sustainable bioeconomy**
- **Development of new value chains** by means of climate resilient land use and resource efficiency
- Finding regional **answers for global challenges** of climate change



### Warming effect in Germany stronger than global trend

Positive and negative deviations of air temperature from mean values 1961-1990 for Germany (bars) and the world (curve)



©German Weather Service (DWD), 2021

\* Zeitraum 1881-2020

## Objectives of Land-Innovation-Lausitz

- Innovative methods for soil amelioration



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- Climate resilient and resource efficient cultivation systems



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- Cultivation of plants with valuable natural constituents





## Objectives of Land-Innovation-Lausitz

- Innovative methods for soil amelioration
- Climate resilient and resource efficient cultivation systems
- Cultivation of plants with valuable natural constituents
- Innovative materials based on plant biomass



## Example I: **FuFaPro** – Dual use of Lucerne / Alfalfa

- **Alfalfa** (*Medicago sativa*): important catch crop, protein-rich animal fodder (leaves)
- **Objective: Increase of added value** through dual use of leave material (fodder) and fiber-rich stem (raw material)
- **Research Task I:** Optimizing the cultivation system; development of cropping-, separation and drying-processes
- **Research Task II:** Definition of material properties, pulping- and compounding processes



Adapted mower for high-cut harvesting (© J.Bachinger, ZALF)



Trials with different ratios of synthetic raisin and chemical hardeners (© K. Dippon, B.A.M. GmbH)

## Example I: **FuFaPro** – Potential for ecological and economic value creation

- **Soil improvement** by N-fixation; deep rooting and increased permeability
- **Adaptation to climate change** due to Alfalfa's high resistance to drought
- **Decreased fuel consumption** due to new cropping techniques (1 l/ha instead of 7 l/ha)
- **Increased fodder quality and efficiency** due to selective cropping technique (24% protein)
- **Diversification of sales** due to utilization of both stems for fibres and leaves for fodder



Sample products from Lucerne fibers ((© J. Bachinger, ZALF)



Visit of Brandenburg's Prime Minister Woidke, June 2021 (© B. Starick)

## Example II: **InnoWild** – Regionally endemic climate-adapted wild plants

- Cultivation and application systems for **regional, climate-adapted wild plants**
- **Objective I: potential applications** for plant-based materials and substances
- **Objective II: Development of a Competence Center für Wild Plants** in the region
- **Research tasks:** identification of high-value plant parts and of applicable ingredients



Plants of the project InnoWild (e.g. mountain parsley, evening primrose, burnet saxifrage – © F. Hanschen, K. Witzel, IGZ))



Plant extracts (left) and thin-layer chromatography (right) – © F. Hanschen, K. Witzel, IGZ))

## Example II: **InnoWild** – Potential for ecological and economic value creation

- **Increase of biodiversity** in the cultivated landscape (long and diverse blooming intervalls, synergies with arable crops)
- Cultivation as climate resilient component in **crop-rotation-systems** and for **recultivation purposes** (soil-improving leguminoses, protection from erosion)
- **Diversification of the plant spectrum in the crop rotation**, establishment of a new and profitable economic sector
- Meeting increased demands for innovative, sustainable products by means of **regional cultivation and processing**



Wild plant cultivation at our partner Nagola Re GmbH (© Nagola Re GmbH)



Basic material for medicinal products, cosmetics and spices (e.g. oil of the evening primrose, roots from burnet saxifrage - © K. Witzel, IGZ)

## Example III: **Cultural landscape** as foundation of the imminent transformation

- Valorization of the mining heritage of the region by developing **concepts for subsequent use** in the imminent structural change
- Utilization of **regional competences and infrastructure** (buildings, rails) for the transformation of land use and industry
- Identifying purposes for the re-use of buildings & infrastructure as components in a **regional cluster for a sustainable bioeconomy**



Examples for potential cultural heritage sites documenting lignite mining and recultivation of mining landscapes in Lusatia (© IHM GmbH, INIK GmbH)

## Example III: Potential for socio-cultural and economic value creation

- **Sustainable and efficient transformation** by re-purposing existing infrastructure in a participative process
- Strengthening of regional identity and self-esteem and positive public perception of the region: **Lusatia as a transformation region**



Lusatian lake district in Senftenberg (© Lausitzer Rundschau)



Garden city "Marga" as miner's housing-estate of the Ilse-Bergbau AG (© City of Senftenberg)

## Future perspectives

Continuation of the research alliance focusing on selected topics, e.g.:

- Processing and use of plant fibre
- Data base for regional agriculture-relevant geo-data)

Proposals planned for alternative funding programmes:

- e.g. **STARK** (Strengthening the transition dynamics in the German coal-mining regions)
- Also considering **JTF** as well as other national funding programmes
- Regional cross-border cooperation (**Interreg**)





# Land-Innovation-Lausitz



**CONTACT:** Dr. Luise Porst – [luise.porst@zalf.de](mailto:luise.porst@zalf.de)  
Dr. Thomas Maurer – [thomas.maurer@b-tu.de](mailto:thomas.maurer@b-tu.de)  
[www.land-innovation-lausitz.de](http://www.land-innovation-lausitz.de)



# ODPOLEDNÍ WORKSHOPY

**WORKSHOP 1, místnost: Červená aula**

**1. Jak jednoduše transformovat uhelné regiony i po roce 2027?**

**WORKSHOP 2, místnost: Fialová posluchárna**

**2. Jak jednoduše zapojit veřejnost do procesu transformace?**

**WORKSHOP 3, místnost: 1. patro, místnost 1.14**

**3. Jak jednoduše využít finanční nástroje v transformaci?**



Navštivte naše webové stránky:  
[www.opst.cz](http://www.opst.cz)

# ZÁVĚR



Spolufinancováno  
Evropskou unií

Ministerstvo životního prostředí

# Závěry z workshopu 1

Jak má vypadat budoucí OPST?

- Jeden OP , je to zavedený mechanismus s fungující strukturou a je důležité zohledňovat potřeby území.

Strategické projekty

- Strategický pákový efekt, který je třeba zachovat a vytvořit návazné výzvy. Ale proces je dlouhý. Lépe popsané dopady projekty už od začátku. Území by si na začátku mělo vydefinovat potřeby. Je potřeba je v území projekty dobře komunikovat.

Zahraniční pohled na strategické projekty

- Zahraniční investice – zaměřit se na projekty, které mají dopad pro region, nejsou jen ziskem pro investora. Unikátní partnerství a komplexita témat.
- Výběr – nutný pečlivý výběr na nižší úrovni, diskuse. Nedají se vyhodnocovat dohromady. Výběr musí být transparentní a participativní. Alokace na základě výběru a participace a kvality projektů. Ale musí být i malé tematické výzvy.

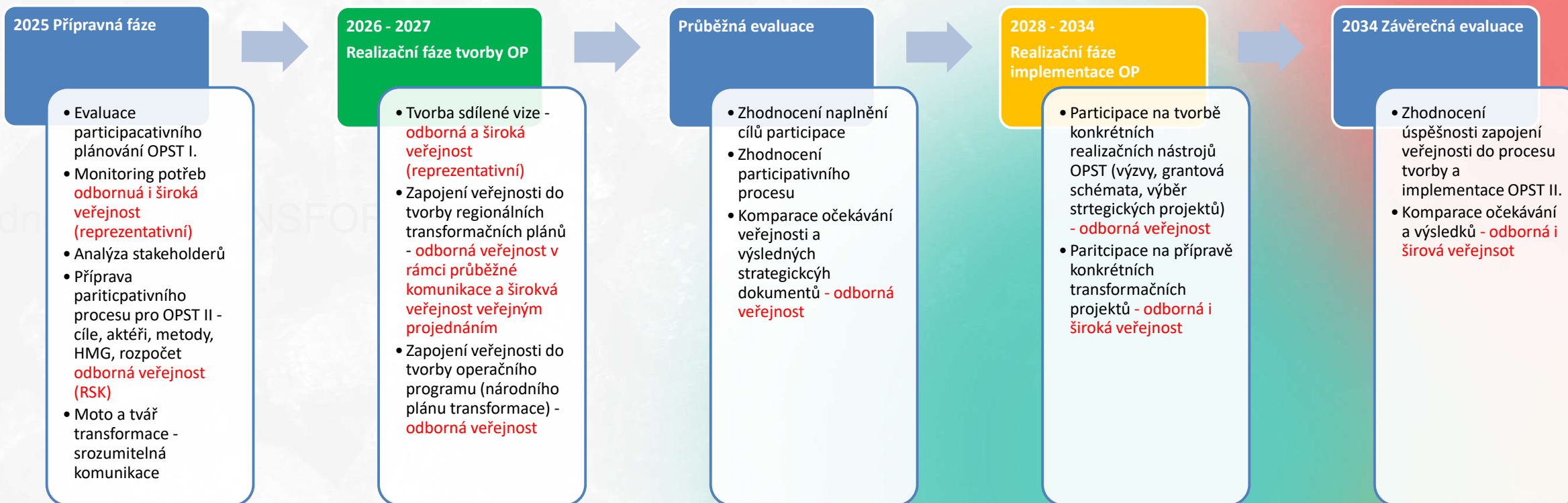
## Závěry z workshopu 1

Další témata, na která se zaměřit v OPST 2

- zvýšení kvality života.
- podpora bydlení, regenerace brownfieldů pro účely bydlení
- Zkvalitnění veřejného prostoru.
- Zachování paměti hornické krajiny, digitalizace dat.
- Čistá energie, rozvoj vodíkových údolí – podpora skladování energie a syntetická paliva
- Vzdělávání na všech úrovních, důraz na střední školy.
- Podnikání (dlouhodobý revolving ve finančních nástrojích).
- Komunitní energetika.
- Transformační kapacity – budování lidských kapacit
- Zjednodušené metody financování
- Zjednodušení pravidel veřejné podpory pro uhelné regiony

# Závěry z workshopu 2

- Jak a kdy zapojit veřejnost?



## Závěry z workshopu 2

### **Záměr projektu do TA DG REGIO**

- Plán participativního přístupu k tvorbě OPST 2.0
- = první fáze výstupu z pracovní skupiny 1

### **Jak zapojit mladé?**

- Cíleně se zeptat, ale neočekávat řešení
- Nespoléhat na sociální sítě
- Role škol - vazba na strategické projekty
- Motivace pro mladé? Lepší budoucnost

# Finační nástroj z řad veřejné správy – ideální nástroj

- typově malá obec (do 3.000 tis), nevyužívané objekty, investice v oblasti rekonstrukcí a výstavby objektů pro komunitní život („veřejné“ budovy), **kombinace dotace a zvýhodněného úvěru**, modus – investice ve výši 60 mil., **udržitelnost přes programové období**, splatnost až 20 let, čím menší obec tím větší podpora, zvýhodnění přímo i nepřímo výnosných projektů, **financování před/projektové přípravy i realizační části**, zasmluvnění (právní akt) v rámci programového období, ale čerpání později
- **Rozšíření vlastního bytového fondu**
- Stejně tak infrastrukturní stavby (mosty)



### **Brownfield fond**

- „COPY – PASTE“ brownfieldový fond i pro ÚK a KVK
- Best practice z MSK a aplikovat regionální potřeby ÚK a KVK

Jednoduše TRANSFORMUJEM!

### **Začínající podnik (do 3 let)**

- Zvýhodněné úvěry bez ( s minimálními) omezení užití
- Specifické posuzování finančního zdraví začínajících

# ZÁVĚREČNÉ SLOVO



# Děkujeme!

Tým Spravedlivé transformace

#transformujem



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**dotazy-  
opst@sfzp.cz**



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www.opst.cz**