

# Updates from the Secretariat and voices from the regions

**Coal regions in transition virtual week** 

18 November 2020



### A few guidelines before we begin

#### We will use Slido for Q&A! To submit questions:

#### Step 1:

Go to Slido.com

#### Step 2:

Enter the code: CRIT4

#### Step 3:

Submit your question, vote on other questions!

Please note this meeting will be recorded

If you have any technical issues, send a message via the chat to the host.

Slido.com: CRIT4

Social media: #CoalRegionsEU



### Welcome!

#### **Robert Pollock**

Secretariat of the Initiative for Coal Regions in Transition

Slido.com: CRIT4

Social media: #CoalRegionsEU





## EU Initiative for coal regions in transition

## Update from the Secretariat and Voices from the regions

#### **Dr Robert Pollock**

Senior Advisor, Initiative for coal regions in transition



#### Welcome and introduction

#### Geographical coverage in 2020

- Coal regions (31) in 11 EU countries
- Peat regions in Ireland and Finland
- Oil shale region of Estonia

#### Purpose of this session



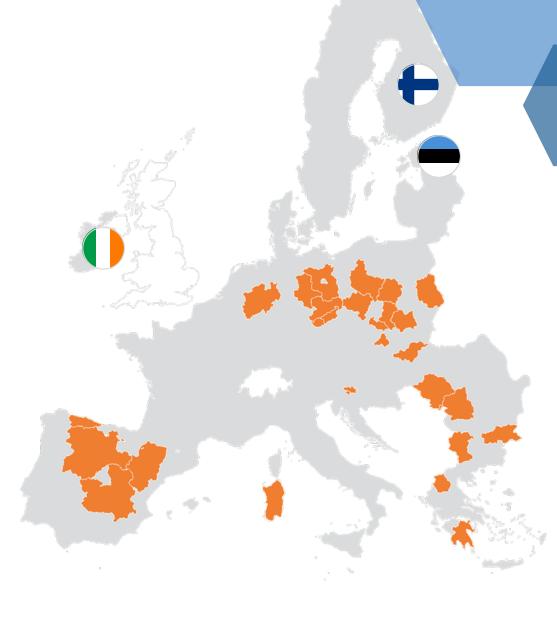
Share experience and insights between EU regions



Bring differing regional voices to the table



Update on Secretariat developments





#### **Support materials**

Available at ec.europa.eu/coal-regions-in-transition

#### Toolkits

Transition strategies (<u>link</u>)

Governance of transitions (<u>link</u>)

Sustainable employment and welfare support (<u>link</u>)

Environmental rehabilitation and repurposing (<u>link</u>)

Future technology options for coal regions (2021)

Financial instruments for coal regions in transition (2021)

- **Case studies** (<u>link</u>)
- START regional profiles (<u>link</u>)





#### **Support materials**

#### Webinars 2021

Future technology options (early 2021)

Financial instruments (mid-2021)

Subscribe to the newsletter <u>here</u> to get notified.

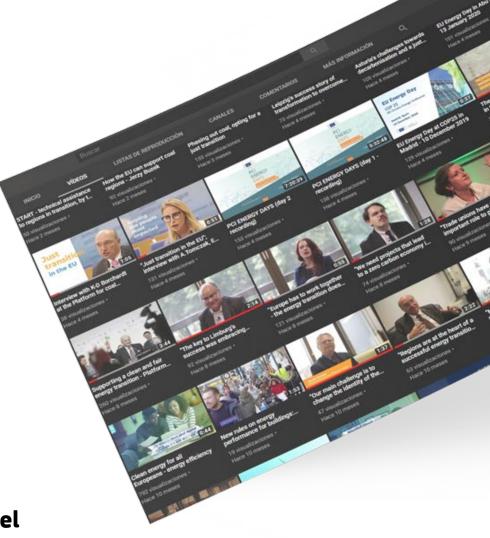
#### Webinar recordings

Transition strategies & Governance of transitions (<u>link</u>)

Sustainable employment and welfare support (<u>link</u>)

Environmental rehabilitation and repurposing (<u>link</u>)

Interviews and videos on the DG Energy YouTube channel (<u>link</u>)





## **Updates from START**

#### **Paul Baker**

Secretariat of the Initiative for Coal Regions in Transition

Slido.com: CRIT4

Social media: #CoalRegionsEU





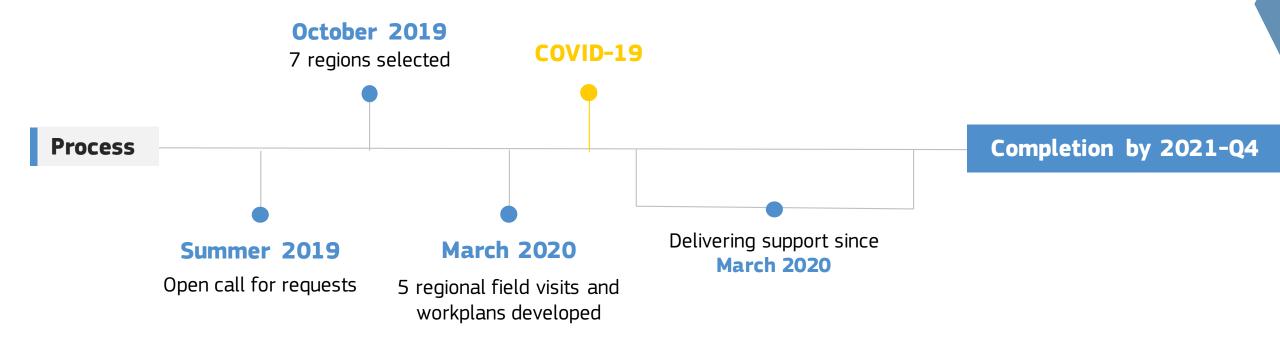
## Coal Regions in Transition Virtual Week

**Updates from START** 

Paul Baker Secretariat of the Initiative for coal regions in transition



#### Secretariat Technical Assistance to Regions in Transition (START): Overview



Resources

Circa 50 to 110 days of support per region

Complementary to other support activities



## **START Regions**

a a second	ES	Asturias	Energy transition strategy and project support			
	IE	Midlands	Pathway plan for transition, project identification and consultation			
	CZ	Karlovy Vary (Sokolov district)	Strategy advice (skills & employment, renewable energy etc) and capacity development			
	PL	Malopolska	Project identification and support, and capacity development	Midlands  Karlov	Śląskie • • Małopolskie ⁄arský	
ᆖ	EL	Peloponnese (Megalopolis)	Project assessment of options and assistance	Principado de	Valea Jiului	
	RO	Hunedoara County (Jiu Valley)	Project identification, consultation and support	Asturias	Peloponnisos •	
	PL	Silesia	Rehabilitation and repurposing of post- industrial area		The second of th	



Midlands Region (IE): START activities and deliverables

**December 2019 to September 2020** 

#### **Midlands Engagement Process**

Purpose to establish an inventory (database) of transition projects

- On-line engagement process and guidance
- Information on drivers of change in rural communities and community-led development projects
- Project registration templates and submission process
- √ 156 project registrations



#### Midlands Region (IE): START activities and deliverables

#### **Employment & skills Report**

 Guidance and good practice for supporting workers affected by transition and employment creation

#### **Midlands Pathway to Transition**

A document mapping transition in the short and longer terms

- Build consensus on transition priorities and activities
- Optimise resource allocation and coordination of actions
- Support transparency
- Monitor progress and risks over time



#### Karlovy Vary (CZ): START ongoing support activities

#### In progress

#### Thematic Analysis:

- Good practice for regional transition strategies
- Employment creation and skills requirement (short-term)
- Review of renewable energy options

#### **Pending**

#### Strategy Review:

- Strategy review and recommendations
- Sub-regional action plan for transition (Sokolov)



### **Asturias (ES): START ongoing support activities**

#### In progress

Energy Strategy development:

- Strategy structure and logic
- Alignment to EU technology and policy priorities
- Good practice / innovative strategy development

Project selection and validation:

Methodology development

#### **Pending**

Project assessment and presentation





#### Malopolska (PL): START ongoing support activities

#### In progress

Initial review of transition projects:

- Project selection and prioritisation criteria
- Alignment with EU just transition and energy policy priorities

#### **Pending**

Formulation of roadmaps for project development





### Other Regions: START support activities

#### Jiu Valley (RO)

- Initiating Meeting to review assistance needs (before end November 2020)
- Workplan (before end December 2020)

#### Silesia (PL)

- Initiating Meeting to review assistance needs (before end November 2020)
- Workplan (before end December 2020)

#### Megalopoli (EL)

 Awaiting outcome of national-level Master Plan for Just Transition





## Thank you

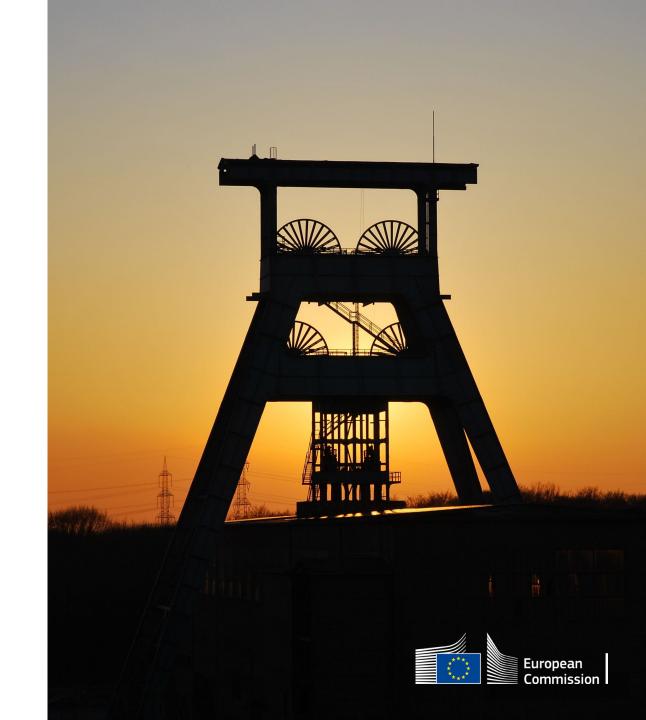
secretariat@coalregions.eu

coalregions.eu

#CoalRegionsEU

Twitter: <a>@Energy4Europe</a>

DG Energy's YouTube channels



## Update on trilateral cooperation

### Karel Tichý

Economic and Social Council of the Ústí Region, Czechia

### Aleksandra Szwaja

Marshal's Office of Lower Silesia

### Katja Müller

Europastadt GörlitzZgorzelec GmbH for Economic Development, Marketing and Tourism, Germany

Slido.com: CRIT4

Social media: #CoalRegionsEU





#### Trilateral cooperation – basic grounds and outlook for future



- > three of four EU countries mostly affected by the transition and decarbonization processes with:
  - geographical proximity,
  - in many respects similar historical background and experience of the progress of development and importance of the coal (related) industry and energy and steel production,
  - number of organizations addressing the development potential of coal regions concerned,
  - in many respects similar development plans, which it is appropriate to jointly coordinate and strive to maximize the contribution of these plans to the transformation of regions and support for decarbonisation processes.





- > the more formal cooperation of the coal regions involved (CZ Karlovy Vary, Ústí and Moravian-Silesian Region, DE Saxony, Brandenburg, PL Lower Silesia) was initiated during the last presence meeting of the CRIT Platform in October 2019 in Brussels thanks to the coordination support of DG ENER,
- > following the initial meeting there has been organized a working interregional meeting of the representatives of coal regions in November 2019 in Dresden in order to clearly define common areas cooperation and interest and also to define primary transition and transformation areas (and projects) on which the regions and relevant stakeholders within can cooperate,

#### Common agreed areas of cooperation

- > to work towards getting the group members at the same level of information, e.g. to help each other's development, by being more transparent and connecting regional stakeholders, networking already existing regional cross-border stakeholder groups,
- > to inform each other of early stage project developments to coordinate the possibility of involving regional actors in the given fields,
- > to start implementing joint development projects with similar stakeholders in the different regions,



- > to find means of sharing good and best practice models that support mutual learning environments, e.g. by organizing joint workshops and other means of exchange,
- > assure, that the regional level approach of the working group does not compete with national level efforts,

> ...



#### Mutually agreed priority fields of trilateral cooperation

#### > Revitalization of coal mine sites for further utilization

• it is necessary not only to solve the damage caused by mining and industrial activities in the regions, but also to return these areas back to life by their revitalization / resocialization and in the same time to foster their economic and e.g. further energy exploitation (e.g. by building water pumped-storage power plants, developing hydric reclamation sites with floating PVE) of these areas top support the economic development of the regions as whole.

#### > Development of alternative energy resources and securing the energy security

- the coal regions have always played significant role in producing energy transition challenges will lead to total change in the scheme of energy production, distribution and consumption,
- this will have to affect the energy supply for industry, households, transportation etc.
- alternative fuels in symbiosis with using the potential of renewable energy sources can constitute an adequate substitute for part of energy production from traditional energy sources.





#### Further agreed possible fields of trilateral cooperation

- > Adaptation of post-coal mining landscape to a climate change
- > Development of projects related to the Education 4.0 concept
- > Healthcare and balneology
- > Tourism
- > Development and testing of autonomous systems and further concepts of smart mobility



#### Interregional meeting in Dresden - November 2019



## Interregional dialogue (workshop) on participation processes in Görlitz and Zittau - November 2019

> representatives of the coal regions of Czech Republic, Germany and Poland have also participated on the Annual political dialogue of the CRIT Platform in Görlitz and related interregional workshop in Zittau, which was focused on the discussion of possibilities and levels of cooperation, which could be developed at the level of international interregional cooperation with the aim of strengthening the transformation processes in specific coal regions.



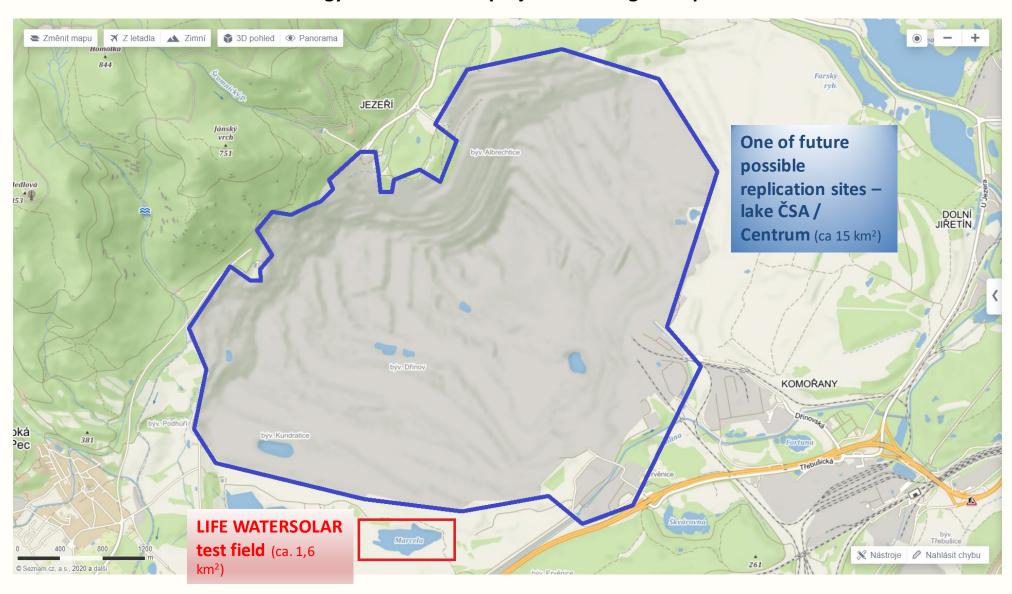


## Examples of new transition projects developed in the interregional cooperation

- > LIFE WATERSOLAR clean energy demonstration project floating solar parks (Ústí Region in CZ)
  - the aim is to develop innovative approaches to the production of electricity from clean, renewable sources and its storage in the form of "green" hydrogen, while effectively using the area after mining,
  - the project focuses on testing and evaluating the suitability of solutions in the form of the **location** of floating solar parks on hydric reclamation carried out on the territory of former mining sites,
  - the project was primarily prepared by a consortium of stakeholders from the Ústí Region (Vršanská uhelná, a.s., J. E. Purkyně University, Palivový kombinát Ústí, n.p. and Severní energetická, a.s.) and entities from Saxony, Brandenburg and Lower Silesia also took part in the preparation in the implementation phase, they should be involved e.g. in the technical project preparation, technological support and in the dissemination of project outputs and results,
    - expected output = 1,0 MWp; annual electricity production = 1 GWh,
    - the project was submitted to the European LIFE programme call in early October 2020 to support traditional LIFE Climate Change Mitigation projects.

## Examples of new transition projects developed in the interregional cooperation

> LIFE WATERSOLAR - clean energy demonstration project - floating solar parks



### Connecting the Europe-City "Görlitz-Zgorzelec"

#### **City of Görlitz:**

Approx. 56.000

Inhabitants

Surface: 67,52 km<sup>2</sup>







#### **City of Zgorzelec:**

Approx. 30.400

Inhabitants

Surface: 15,88 km<sup>2</sup>











### **Project: Climate neutral district heating until 2030**



Reduction of CO<sub>2</sub> emissions by more than 75,000 tons per year

With the complete conversion to climate-neutral district heating generation, around 75,000 tons of CO<sub>2</sub> could be saved annually for the entire Europe-City.



## **European cooperation**

This project has a strong political symbolic character for the exemplary cooperation between Germany and Poland, especially with regard to the "Green Deal".



## Significant increase in efficiency

By connecting both district heating networks and using a common generation plant, investment costs can be minimized and synergy effects generated, which has positive effects on the heat price for the customer.





#### Investments & subsidies needed

The total cost of Investment needed for this project will reach 82 Mio. Euro.

Due to the very high investments, the project can only be realised with subsidies (over 80% in German part, 100% in Polish part).

This requires strong political support (DE/PL/EU).

		Total costs net EUR	Realization
	Detailed-concept (frist estimation) Costs are already included in total amount.	550.000 - 850.000	
Α	District heating network area (Görlitz Königshufen / Zgorzelec-Groszowa)	60.000.000	
1	Groszowa production plant (first estimation)		2029
2	Groszowa Pump Station		2026
3	"Green" heat treatment plant (var. 3.2)		2025
4	Königshufen/ Groszowa district heating line (var. 4)		2025
5	Net temperature adjustment Königshufen (100 House connection station)		2022-2029
6	Solar plant and heat pump Schlesische Straße (var. 2.2)		2029
7	Hydrogen/ Biomethane production and integration		2029
В	District heating network area Görlitz Weinhübel/ Goethestraße/ Rauschwalde (Var. 7.3)	22.000.000	
1	District heating lines		2025
2	Generating plants		2025
3	Solar thermal plants (without land costs)		2025
4	Storage facility		2025
5	Option heat pump waterworks or geothermal energy		2029
6	Hydrogen/ Biomethane production and integration		2029
	Total	82.000.000	





#### > "A Life with Mining" Project (MineLife)

Objective:

Intensifying and strengthening cooperation between mining institutions in Poland and Saxony, as well as between mining institutions and citizens in the Saxon-Lower Silesian border area

- Project partners:
  - Saxonian Upper Mining Authority (Freiberg, Germany)
  - State Mining Authority (Katowice, Poland)
  - Marshal's Office of Lower Silesia (Wrocław, Poland)
- Project implementation period: 2017 2020













#### **MineLife Project - tasks**

## Joint competency development

Mining conferences

Study trips to mining enterprises and former mining facilities in SN and PL

Industry articles about mining in Polish and Saxon magazines

## Development and application of a conflict management strategy

Analysis of reference objects (mining enterprises) in SN and PL in terms of conflicts in mining

The conflict management in mining handbook

## in Saxony and Lower Silesia

Guest lectures on mining conferences in Poland and Saxony

The traveling exhibition
"Preventing the risk associated with the former mining"





#### The cooperation continues

- > large interregional meeting planned in Ústí Region and even the smaller events had to be canceled due to the pandemic situation...
- > ...nevertheless the trilateral partners maintained close communication during 2020 with special focus on:
  - development of common transition related projects (e.g. LIFE, Horizon 2020),
  - discussion related to the negotiation of Just Transition Fund regulation and the approach for elaborating the Territorial Just Transition Plans,
  - twinning of stakeholders for development and intensify their cooperation in relation to transition and transformation topics,



 support active stakeholder involvement in all the relevant coal regions in the transition and transformation processes.

THESE POINTS REPRESENT ALSO THE MOST IMPORTANT AREAS FOR COOPERATION TO BE MAINTAINED AND FURTHER DEVELOPED IN 2021

# Thank you for your attention!

#### Karel Tichý Project Manager

Address: Budovatelů 2532 434 37 Most Czech Republic GSM: +420 725 588 903

e-mail: tichy@hsr-uk.cz



# Regional transition success stories: lessons learned

## **Steve Fothergill**

Centre for Regional Economic and Social Research, Sheffield Hallam University, United Kingdom

Slido.com: CRIT4

Social media: #CoalRegionsEU



# Regional transition success stories: lessons learned

#### Ilka Cirkel

Department of European and Regional Networks, Ruhr/North Rhine-Westphalia, Germany

Slido.com: CRIT4

Social media: #CoalRegionsEU



# Revitalisation of Coal Mining Sites – Mining Sites Contract Ruhr

Experiences with integrated strategies in the RUHR Region





### Mining Sites Contract Ruhr



Mining Sites Contract (2014) 20 sites with 1.000 ha new form of cooperation

#### **Development of former mining sites**

Priority, regional relevant, exemplary

#### **Shared Responsibility**

- State NRW (planning, financing)
- Mining Company (reconstruction)
- Cities
   (planning framing, permissions, participation)
- Ruhr Regional Association (moderation)

#### **Governance of transition**

- managing reconversion
- adressing ownership rights
- attracting investments and compensate jobs
- raising financing
- exemplary integrated development



### Anticipating political decisions

2007 "Konzept Ruhr"

as <u>regional</u> agreement **strategic consensus** for upcomming EU funding period 2007-2013

**2008** <u>federal</u> decision to end subsidising hard coal costs in Germany 2018

**2008** <u>regional</u> agreement in the Ruhr region "Chance for Change" (focus mining sites)

- to anticipate a 10-year period
- being able to design the process
- fields of action:Education | City | Climate
- each one own "product" / project

**2014** "Mining Site Contract" (consistent formalisation)

#### Konzept Ruhr

Strategy for sustainable urban and regional development in the metropolitan area of the Ruhr

Stratégie pour un développement urbain et régional durable dans la Métropole Ruhr

Strategie zur nachhaltigen Stadt- und Regionalentwicklung in der Metropole Ruhr







#### **Acting congruently**

in a regional strategic scale as well as in a local operational scale of projects



Mining Site Contract negotiations to a common understanding

#### focus:

- proof of all mining sites
- selection of 20 relevant sites



## consensual quality criteria: (expectation!)

- sustainable re-use
- important for urban development
- stabilising social structures
- creating jobs by an economic use
- reducing land use (certain proportion of green space)

## Same past does not mean same future inevitably.

- → diversity is allowed
- → Tailor-made solutions
- selecte precisely
- assimilate local needs
- create individual perspectives
- organise participation



#### **Base = common understanding**





# Start informally, get formal later. De titudides deer food one grows a department on bounder, as formering the start of the control one of the co



#### Address all political levels

- letter to the European Commission 2010
- answer 2011
- same process with the the State NRW



## **Communicating** continously



## Steering group with all contract partners

- annual report
- development on each site
- challenges and solutions
- report to all government units & cities
- report to politicians & media
- currently evaluation of the mining sites contract as a new form of cooperation.
- very interested in your experiences

## Sharing experience





WHO Case Study F



Re-developing contaminate sites: Good practice and lessons learned

Working paper 2 for a
WHO expert consultation on the redevelopme
of formerly contaminated sites

#### Put on scene











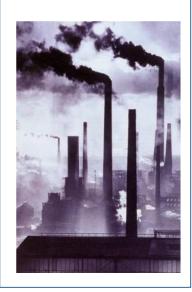




# Take it as the longterm story that it is.

1950s Coal Crisis 1960s Steel Crisis

70 years of structural change



## Using or creating impulses of change.

**1961** Willy Brandt "The sky above the Ruhr region has to be blue again!"

**1968** Entwicklungsprogramm Ruhr - Investing in infrastructures and universities

**1979** Aktionsprogramm Ruhr

1989 – 1999 International Building Exhibition IBA Emscher Park

Workshop for the future of old industrial regions

Public money was, is and still will be needed. Public investment goes first, private will follow.

ERDF
SME Programme
URBAN I and II
URBACT I and II
EAFRD
RESIDER I & II
RECHAR I & II

## decades of **EU FUNDING**

→ enourmous contribution to structural change at the RUHR!





## Thank you for your attention!

Regionalverband Ruhr Ilka Cirkel European and regional Networks Ruhr

Regionalverband Ruhr (RVR) Kronprinzenstr. 6 45128 Essen

europa@rvr.ruhr





# Regional transition success stories: lessons learned

#### **Zdenek Karasek**

Moravia-Silesia Deputy Governor for Coal Regions in Transition and the Just Transition Mechanism, Czechia

Slido.com: CRIT4

Social media: #CoalRegionsEU





**Zdenek KARASEK** 

**Governor's Deputy for CRIT and JTM** 



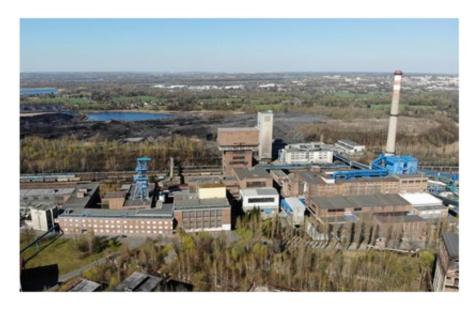
## **Transformation proces in MSR**

- 250 years of the hard coal mining in the area
- Transformation process since the 1990s
- Strategic management of transformation since 2016 (RESTART)
- Participation in the Platform for Coal Regions in Transition (CRIT) since 2018
- Regional Development Strategy of MSR 2019–2027

## Closure of coal mines

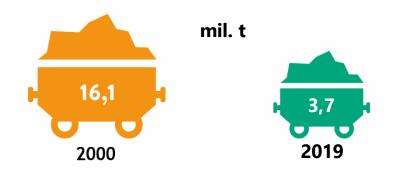
- Ostrava Karvina coal basin
  - ◆ Paskov coal mine 03/2017
  - ◆ Lazy coal mine **11/2019**
  - ◆ ČSA and Darkov coal mine 02/2021
  - ◆ ČSM coal mine **2022 (the last one)**
- ◆ **2019** = **8.500** employees (4.000 miners)
- **◆ 2022 = 650** employees
- ◆ 20.000+ employees in coal-mining related firms
- Transfer of coal mines to state enterprise DIAMO







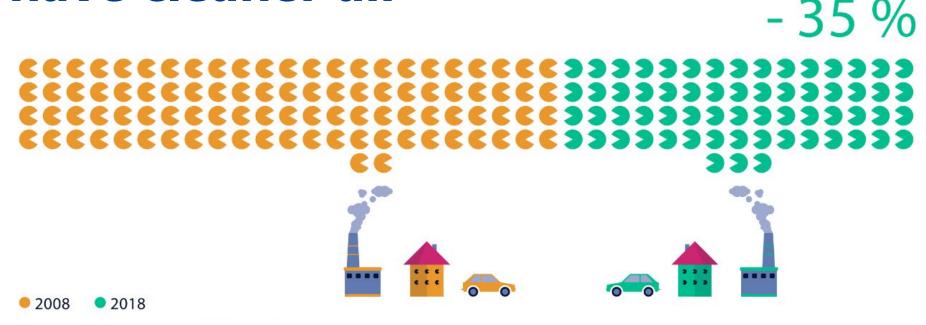
## ... but we are no longer a region of miners





- Between 2000 and 2009, coal mining in the Moravian-Silesian Region decreased by 75%
- The number of persons employed in research and development has doubled compared to 2005
- In 10 years, over 14,000 new jobs have been created in the sectors of IT and automotive
- 2<sup>nd</sup> highest share of companies with technical innovations in the Czech Republic

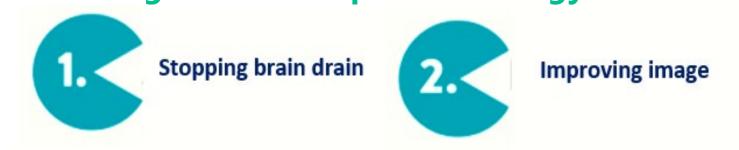
## ... we have cleaner air



- Compared to 2008, the amount of solid pollutants in the air decreased by 1/3
- We disposed 7,400 tons of waste from the Ostramo lagoons
- ◆ 500 tons less dust per year is released into ◆ the air thanks to grants for replacement of old fuel boilers (almost 16,000 boilers were replaced for CZK 1.5 billion)
- Transition from coal to **hydrogen** future of energy and mobility (Hydrogen Valley)

## we are ready for new challenges

Two most important change indicators of the MSR region Regional Development Strategy 2019 to 2027



Three main strategic directions of the region's development SUPERPRIORITIES











- RE:START strategically governed transformation
- Ambition to continue to be a part of the Platform for Coal Regions in Transition
- We are preparing for new funding opportunities
  - Just Transition Mechanism
  - Just Transition Fund
  - Modernization Fund
  - Other resources (REACT-EU, Recovery and Resilience Facility, ESIF 21+, national grants)







#### **COMPETITIVE**

**OSTRAVA - GROWTH CENTRE** 

**MOUNTAIN AREAS OF BESKYDY AND JESENIKY** 



#### **PROBLEMATIC**

**MUNICIPALITIES IN POST-MINING AREAS** 

MINUCIPALITIES LOSING SOCIO-ECONOMIC FUNCTIONS

MUNICIPALITIES WITH ENVIRONMENTAL PROBLEMS AS REGARDS AIR QUALITY







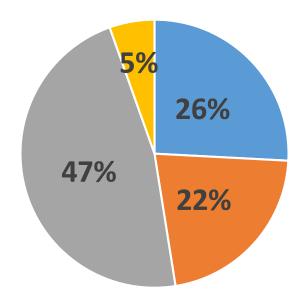








# Absorption capacity of MSR without large enterprises 90 bln. CZK



- Enterpreneurship, research, digitalisation
- **■** Energy efficiency, renewable energy, low-emission transport
- Circular economy, land restaration
- Employment support

+ 30 bln. CZK large enterprises

Investment need in MSR is high = 120 bln. CZK/4,4 bln. EUR

## Ambition of MSR in the period of EU 2021+

- Our priorities are in line with EU objectives
- We are ready to use Funds to support the transition
- Allocation proposal for the Czech Republic
- The need for investment in MSK is high
  CZK 120 bln
- Therefore we support the EP's proposal to increase resources of the JTF

# Broad partnership of stakeholders in the region

MSID Moravskoslezské Investice a Development, a.s.

Investment environment support

- Cooperation with large companies
- Cooperation with municipalities
- Cooperation with NGOs
- Cooperation with universities
- Use of the RSK MSK platform
- Cooperation with ITI Ostrava
- Involvement of regional agencies













zdenek.karasek@msk.cz

# Regional transition success stories: lessons learned

#### **Dimitris Tsekeris**

Energy Policy Officer, WWF Greece

Slido.com: CRIT4

Social media: #CoalRegionsEU





## Regions Beyond Coal

Take the next step to the post coal era by reviving local economies and ensuring a Just Transition for all

#regionsbeyondcoal



## Regional transition success stories

Lessons learned

The Greek case

**Dimitris Tsekeris** 

Energy Policy Officer d.tsekeris@wwf.gr

**WWF Greece** 

18/11/2020



## **EUKI Project**

## Scope

- Promoting solutions to create sustainable jobs in local communities based on coal in Greece, Bulgaria and Poland
- Investigating financial instruments to achieve a **Just Transition**
- Establishment of a network among many Member States
- Highlighting the Importance of a Just Transition among national governments / institutions

## **Participants**

- WWF Germany
- WWF Poland
- WWF Bulgaria
- WWF Greece

## **Funding**

German Ministry of Environment -**European Climate** Initiative (EUKI)

.....Duration Until 2021



#### Bosnia and Herzegovina:

Lukavac

#### Bulgaria:

Bobov Dol

#### Czech Republic:

Litvínov

Weißwasser/O.L., Boxberg/O.L., Spremberg, Lauta, Peitz, Vetschau, Großräschen, Schenkendöbern, Kleine Elster, Lohsa, Welzow, Guben, Kolkwitz, Burg, Groß Düben, Schleife, Trebendorf, Rietschen, Groß Schacksdorf-Simmersdorf, Forst

Amvntaio, Florina, Eordaia, Kozani

#### Montenearo:

Pljevlja

Bytom, Gliwice, Jastrzębie-Zdrój, Konin, Kleczew

Petrila, Aninoasa, Petrosani, Lupeni

#### Slovakia:

Prievidza, Bojnice, Handlová, Nováky, Partizánske

Hrastnik

Dobropillia, Myrnohrad, Novohrodivka, Pokrovsk, Vuhledar, Selydove



## Greece: State of Play

Prime Minister's announcement (UN – Sept. 2019) for complete coal phase out:

2023: Shut-down of existing TPPs by 2023

2028: Shut-down of last TPP (currently under construction)

Revised NECP – 42%
emissions reduction (32%
previously), but fossil gas
mainly replacing coal –
problematic
decarbonisation → 2050

Masterplan for lignite regions – Under public consultation (10/11)



## **WWF Greece - Initiatives**

Long lasting involvement with local communities in the lignite regions

Pushing for Real Just Transition based on clean energy sources – EU & National Level

Advocacy - Policy

#### **EUKI Project - Just Transition**

www.regionsbeyondcoal.eu

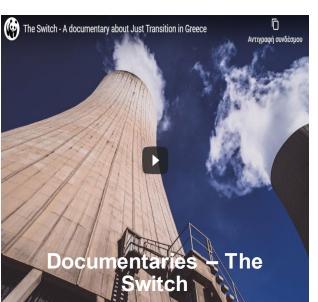
## WWF Greece is responsible for the implementation of the project in Greece:

- ✓ Organize capacity building workshops in Greece, produce reports on issues related with Just Transition and participation in the Forum of Mayors and in the advocacy trip and EC Coal Platform meetings in Brussels.
- ✓ WWF Greece is also responsible for the communication aspects of the project in Greece.















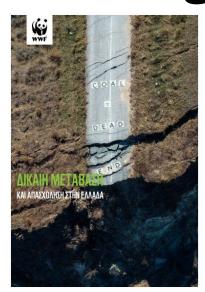
3rd Forum of Mayors on Just Transition 24 September 2020



What we do



# Just Transition & Green Recovery Strategies



#### **New Study: Just Transition & Employment in Greece**

- **Published:** 10<sup>th</sup> of November 2020 (as part of EUKI program English version soon)
- ☐ Main findings:
  - **2,200 workers in direct danger** due to coal phase-out (both regions)
  - ☐ URGENT: Without adequate safety net, another 6,000 jobs in danger (cascade effect) W. Macedonia
  - For each 1€ deducted from lignite activity, 3.1 € are being deducted from local economy (1.7 € in Megalopolis)
  - ☐ PPC's role as land-owner extremely critical
  - Kozani has the higher impact (local jobs and income)
  - ☐ Targeted reskilling of workforce in sectors with specific characteristics such as: **decommisioning**, **circular economy**, **RES**, **EE**, **rehabilitation of polluted soil**
  - ☐ Too much fossil gas in the system Just Transition without fossils No one to be left behind



## New Study: Blueprint for a green recovery in Greece BUILDING BACK BETTER

☐ Published: October 2020

https://wwfeu.awsassets.panda.org/downloads/wwf greece green recovery report eng.pdf

- ☐ Main findings:
  - ☐ 5 key principles
  - 10 investment programmes (Accelerating the energy transition, Accelerating the shift towards a circular economy, Restoring and protecting ecosystems and biodiversity)
  - 8,2billion € from RRF
  - ☐ Up to 125,000 new green jobs in Greece
  - ☐ JT linked with a green recovery





Thank you!

## slido

## Audience Q&A Session

i) Start presenting to display the audience questions on this slide.

## Wrap-up and conclusion

#### **Robert Pollock**

Secretariat of the Initiative for Coal Regions in Transition

Slido.com: CRIT4

Social media: #CoalRegionsEU



## Thank you

secretariat@coalregions.eu

Website

#CoalRegionsEU

Twitter: <a>@Energy4Europe</a>

DG Energy's YouTube channels

