



# Welcome Cohesion policy funds in coal regions

Platform for Coal Regions in Transition

#CoalRegionsEU

Energy



# Cohesion policy 2014-2020

**Mathieu Fichter**

Policy officer Energy

Competence Centre 'Smart and Sustainable Growth'

DG Regional and Urban Policy

# ESIF 2014-2020

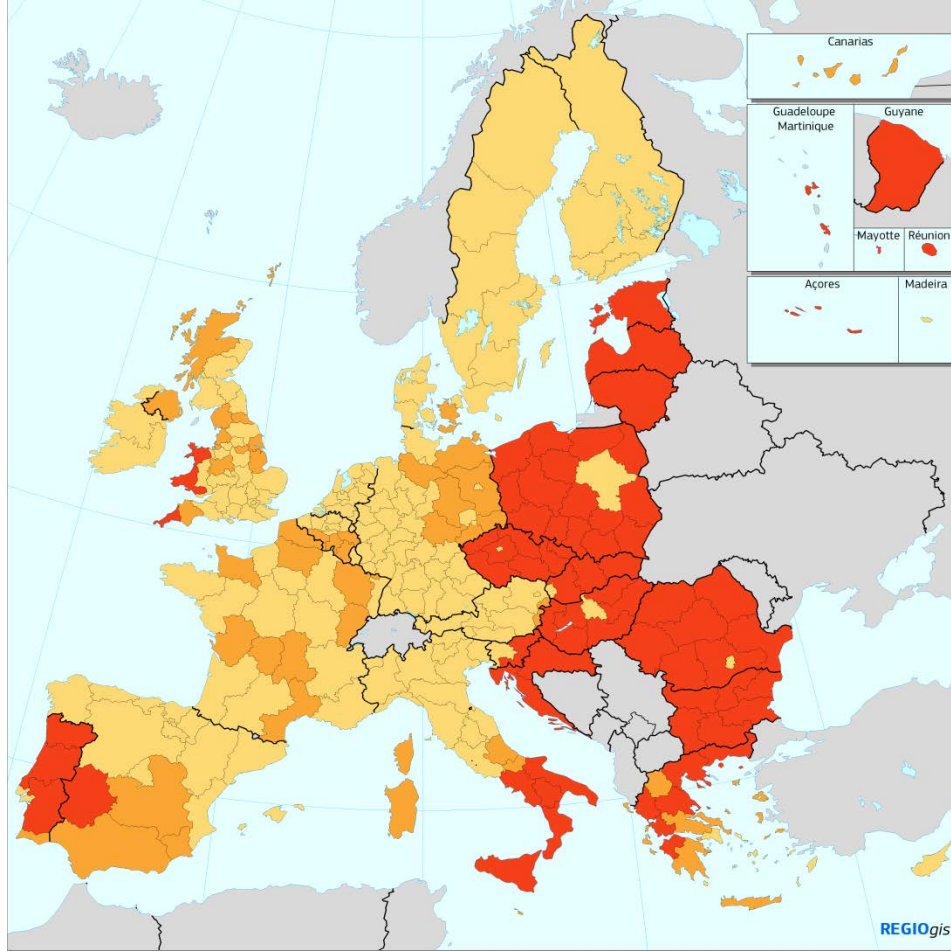


## European Structural and Investment Funds (ESIF):

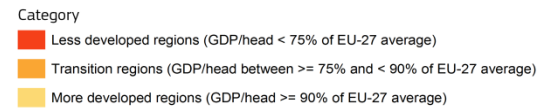
- European Regional Development Fund (ERDF)
- Cohesion Fund (CF)
- European Social Fund (ESF)
- European Agricultural Fund for Rural Development (EAFRD)
- European Maritime and Fisheries Fund (EMFF)

**Cohesion policy** (ERDF, CF, ESF): €352bn over 2014-2020 concentrated in less developed regions, aiming to:

- Reduce disparities between Europe's regions strengthening economic, social and territorial cohesion
- Contribute to the Europe 2020 Strategy for smart, sustainable and inclusive growth



ERDF and ESF eligibility for 2014-2020 period:



## Shared management

# Thematic Objectives & concentration



## Smart Growth

1. Research & innovation
2. Information and communication technologies (ICT)
3. Competitiveness of Small and Medium-sized Enterprises

## Sustainable Growth

4. Shift towards a low-carbon economy
5. Climate change adaptation & risk management and prevention
6. Environmental protection & resource efficiency
7. Sustainable transport & removing bottlenecks in key network infrastructures

## Inclusive Growth

8. Employment & support for labour mobility
9. Social inclusion & combating poverty
10. Education, skills & lifelong learning
11. Institutional capacity building & efficient public administration

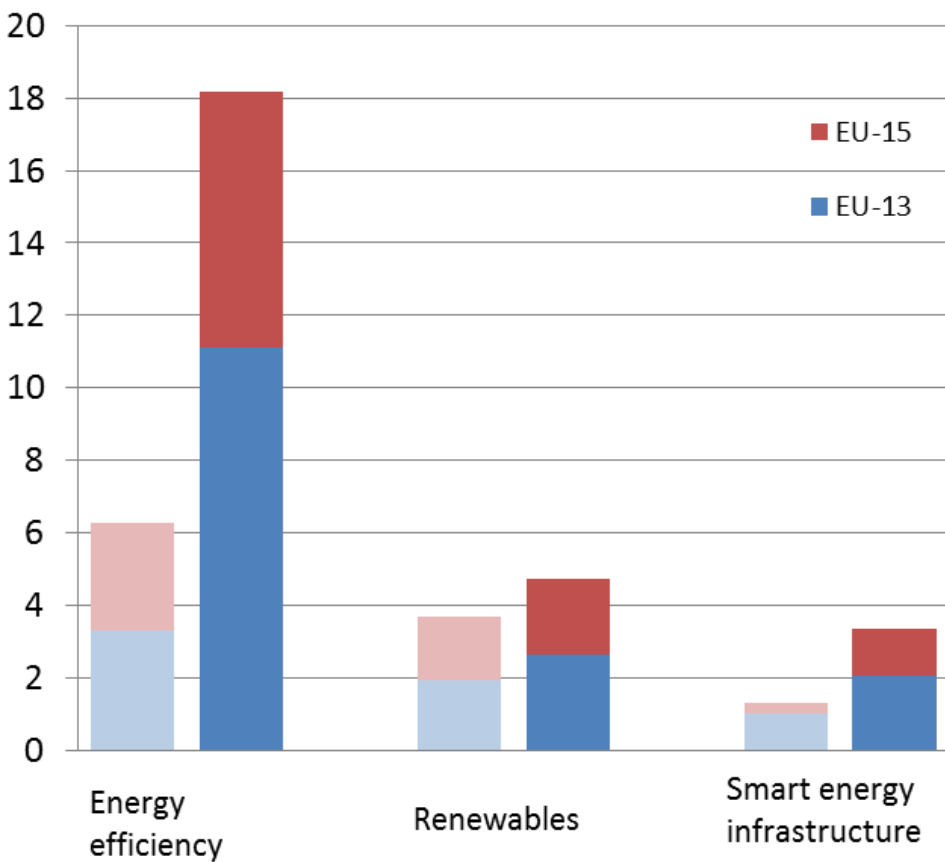


**Translated into Fund-specific investment priorities**

# Funding leading to benefits for people, regions and businesses



ERDF+CF allocations in EUR billion, all EU MSs  
Comparison 2007-2013 vs 2014-2020



**875 000 households** will live in buildings that have been renovated to reduce energy use.



Around **7 670 MW** of additional capacity of renewable energy production.



**3.3 million additional energy users** connected to smart grids.



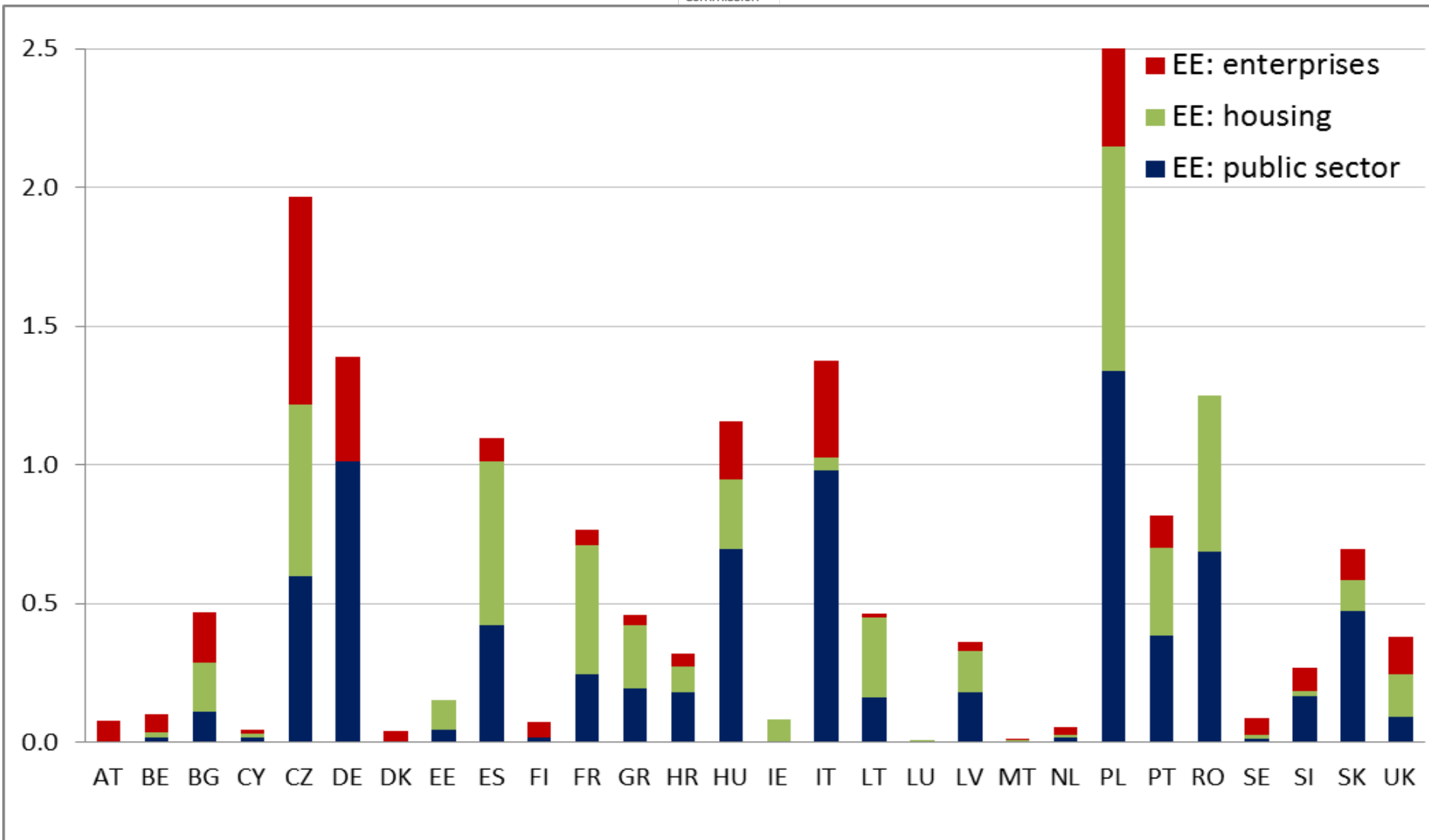
Public buildings will use **5.2 TWh/year less energy** than they do now.



Energy efficiency will be supported in over **57 000 companies**, mainly SMEs.

Planned allocations from the European Regional Development Fund (ERDF) and the Cohesion Fund (CF), 06/2016.

# Energy efficiency: ERDF+CF for 2014-2020, in billion EUR



Total planned allocations per Member State from the ERDF and the CF as of January 2017

The screenshot shows the homepage of the 'EUROPEAN STRUCTURAL AND INVESTMENT FUNDS DATA' platform. The main heading is 'European Structural Investment Funds - explore our data'. Below this, there are four filter buttons: 'EU LEVEL' (blue), 'THEME' (red), 'COUNTRY' (green), and 'FUND' (grey). The page is divided into three columns: 'ABOUT THIS TOOL', 'HOW TO USE THIS TOOL', and 'HELPFUL LINKS'. The 'ABOUT THIS TOOL' section states that the platform provides access to information on financing and planned achievements under the different European Structural Investment Funds (2014-2020). The 'HOW TO USE THIS TOOL' section explains that users can explore data by choosing one of the options above, giving views on data aggregated at EU level, by Member State level, by theme or by fund, and that datasets can be downloaded or visualisation used. The 'HELPFUL LINKS' section lists more information about the ESIF Funds, including Cohesion Fund, European Agricultural Fund for Rural Development, European Maritime & Fisheries Fund, European Regional Development Fund, and European Social Fund. A large banner image shows a coastal town with the text 'The European Structural Investment Fund budget 2014-2020 is ... EUR 454 Billion' and a button for 'EU finances Overview'. At the bottom, there is a 'Catalogue' section for searching datasets and a 'Contact Us' section with the email 'regio-webmaster@ec.europa.eu'. A 'Follow Us' section lists social media handles for #ESIF and various policy areas. The footer includes the date 'Last update: 11/17/2015' and links for 'About', 'Legal Notice', 'Cookies', 'Contact', and 'Search'.

## List of Programmes and Managing authorities:

[http://ec.europa.eu/regional\\_policy/en/atlas/programmes/](http://ec.europa.eu/regional_policy/en/atlas/programmes/)

[http://ec.europa.eu/regional\\_policy/en/atlas/managing-authorities/](http://ec.europa.eu/regional_policy/en/atlas/managing-authorities/)

## Open data platform:

<https://cohesiondata.ec.europa.eu>

[http://ec.europa.eu/regional\\_policy/en/policy/evaluations/data-for-research/](http://ec.europa.eu/regional_policy/en/policy/evaluations/data-for-research/)

## Project examples:

<https://ec.europa.eu/budget/euprojects/>

[http://ec.europa.eu/regional\\_policy/EN/projects/](http://ec.europa.eu/regional_policy/EN/projects/)

<http://ec.europa.eu/esf/main.jsp?catId=46>

National executive team



Usti, Karlovy Vary and  
Moravian-Silesian Region

# Impacts of EU programmes in the coal regions in Czech Republic

Brussels, 17<sup>th</sup> October 2019



EUROPEAN UNION  
Cohesion Fund  
Operational Programme Technical Assistance



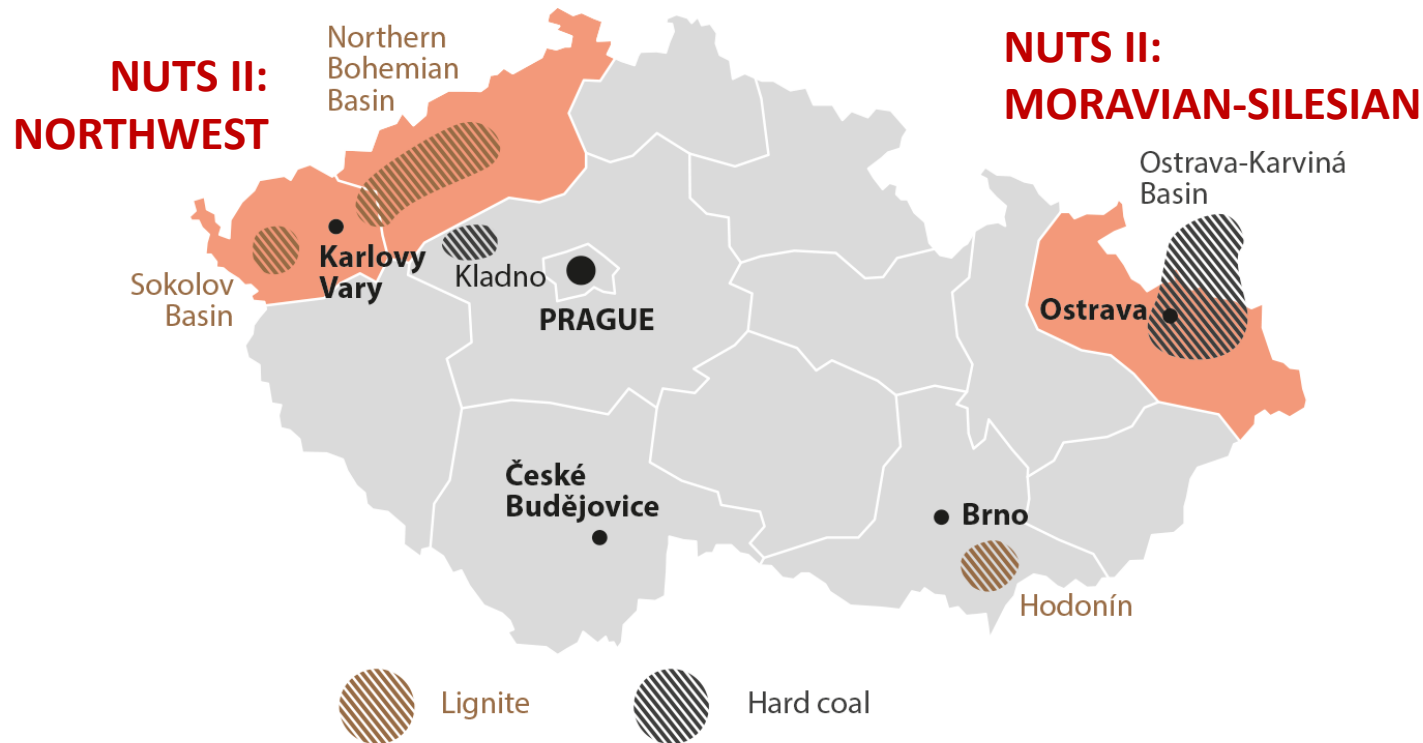
MINISTRY  
OF REGIONAL  
DEVELOPMENT CZ

MINISTERSTVO  
PRO MÍSTNÍ  
ZVOJ ČR



**COAL MINING SITES AND PLACES OF INTEREST FOR THE STRATEGY**

Usti and Karlovy Vary region at the northwest part of the country and Moravia-Silesia region at the northeast part of the country.



## PILLARS AND TARGETS

Change of economic structure, faster economic growth and cease of regions lagging

**Identity** – enforcing solidarity and self-confidence of inhabitants  
**Image** – improved perception of regions by the neighbours: visits, investors, talents

**Pillar  
Business and  
innovation**

Growing business capable  
to cope with changes in  
global markets.

**Pillar  
Direct  
investments**

More direct investments  
with higher added value.

**Pillar  
Research and  
development**

Research and  
development with higher  
benefits for economy..

**Pillar  
Human  
resources**

Competent people for  
industry, services and  
public authorities.

**Pillar  
Social  
stabilization**

Remove barriers of  
development related with  
social instability.

**Pillar Environment**

Better quality of environment. Revitalized and regenerated area for better business and healthier life of inhabitants.

**Pillar Infrastructure and public administration**

Better quality infrastructure for business, attracting investments and addressing social exclusion.  
Better quality services of public administration for businesses and citizens.

**Pillar Implementation**

Multilevel cooperation of public authorities; use of existing programmes and funds, complemented in case of need with new ones;  
Special management of implementation and responsibility for results.

**THREE ACTION PLANS approved by the government are already in the implementation process**

Total number of measures	Allocation	Implementation
<b>94</b>	<b>approx. EUR 2,68 billion</b>	<b>2017 - 2030</b>
Number of finalized measures	<b>26</b>	

Funding dedicated to implementation of restructuring projects till the end of September 2019:

Region	NUTS II Moravian-Silesian	NUTS II Northwest
EUR	<b>105 386 448</b>	<b>85 123 907</b>
<b>total</b>	<b>EUR 190 510 355</b>	

Following the Czech Republic's membership in CCIRIT Platform, the use of **REALLOCATIONS AT THE LEVEL OF CZECH OPERATIONAL PROGRAMS** in favor of coal regions in transition was approved by EC in the amount of:

**320 M EUR**



**200 M EUR**

for Integrated Regional Operational Programme



**80 M EUR**

for Operational Programme Enterprise and Innovation for Competitiveness



**40 M EUR**

for Operational Programme Environment



## SUPPORTED AREAS



**Low emission and zero  
emission public  
transport services**  
*link to the Pillars  
„Environment“ and  
„Infrastructure and  
public administration“  
of the RE:START Strategy*  
**78 M EUR**



**Infrastructure  
for schools**  
*link to the Pillar „Human  
resources“ of the  
RE:START Strategy*  
**12,4 M EUR**



**Healthcare**  
*link to the Pillar  
„Social stabilization“  
of the RE:START  
Strategy*  
**31,6 M EUR**



## Development of **low emission and zero emission public transport services** in the coal regions of Czech Republic

### Main goals – support purchasing of:

- low-emission road vehicles for transport services using alternative fuel of CNG or LNG and complying with EURO 6 standard.
- emission-free road transport vehicles services using alternative fuel electricity or hydrogen.
- emission - free urban transport vehicles (trams) or trolleybuses).



Support for reaching the goals of the RE:START Strategy Pillar „Environment“ and „Infrastructure and public administration“

**Regenerate developing, deprived or peripheral areas in settlements with a high population concentration**

**Interconnect areas where there is a significant barrier to development and growth**



### Development of **low emission and zero emission public transport services** in the coal regions of Czech Republic

- **results to date - 2 granted projects, EU funding = 6 M EUR**
- a call for project opened in June and closed in October is now in the process of evaluation
  - **35 project proposal submitted**
  - **required EU funding = 176 M EUR**  
*(4,4 times higher than the call allocation)*
- expected allocation of a new call to be opened by the end of 2019: 32 M EUR



## EXAMPLES OF GRANTED PROJECTS

### Ústí Region

#### Transport company of Most and Litvínov, a.s.

- *acquisition of low-floor emission-free high-capacity trams for connecting the cities of Most and Litvínov (15 km).*
- *EU grant support: 2,72 M EUR*

### Karlovy Vary Region

#### City Transport of Mariánské Lázně s.r.o.

- *acquisition of emission-free trolleybuses for the development and improvement of transport services.*
- *EU grant support: 3,28 M EUR*





## Development and increasing quality of primary education in the coal regions of Czech Republic

### Main goals:

- Constructions, building modifications and acquisition of professional classroom equipment to improve the quality of education related to the future career with emphasis on key competencies.
- Reconstruction of existing infrastructure related to building barrier-free schools.



Support for reaching the  
goals of the RE:START  
Strategy Pillar „Human  
resources“

**More people better  
prepared for work**

**More people better  
motivated to work**



**Development and increasing  
quality of primary education  
in the coal regions of Czech  
Republic**

**Results to date:**

- **4 granted projects**
- **EU funding = 1,77 M EUR**

**Expected allocation of a new call  
to be opened by the end of 2019:  
10,6 M EUR**



## EXAMPLES OF GRANTED PROJECTS

### Karlovy Vary Region

#### Elementary school in Rotava

- *reconstruction of the student school kitchen with adjacent classroom, barrier-free access to school and barrier-free access in corridors and development of internal e-connectivity.*
- *EU grant support: 250 K EUR*

### Ústí Region

#### City of Jirkov

- acquisition of equipment for training in communication in foreign languages, work with digital technologies and equipment for natural sciences in four elementary schools established by the City of Jirkov.
- EU grant support: 1,12 M EUR



## Healthcare in the coal regions of Czech Republic

### Main goals:

- Acquisition and modernization of instrumentation, technologies and other equipment used to provide health services in supported fields,
- Construction works necessary for acquisition, modernization, location, installation and commissioning of instrumentation, medical devices, technologies and other equipment, which serve for the provision of health services in supported disciplines and methods of follow-up care.



Support for reaching the  
goals of the RE:START  
Strategy Pillar „Social  
stabilization“

**Increasing security and  
feeling of security in regions**

**Increasing the attractiveness  
of life in regions and  
ensuring quality civic  
amenities and services in the  
regions**



## Healthcare in the coal regions of Czech Republic

### Results to date

- 14 granted projects
- EU funding = 31,6 M EUR

### EXAMPLES OF GRANTED PROJECTS

#### Moravian-Silesian Region

##### Vítkovice Hospital

- *instrumentation renewal incl. magnetic resonance imaging and angiographic instruments.*
- *EU grant support: 6.4 M EUR*

#### Ústí Region

**Krajská zdravotní, a.s.** (company running hospitals across the Ústí Region)

- e.g. a sciagraphic set and a computer tomography for the radio diagnostic department worth 1,28 M EUR will be purchased for the Děčín hospital; thanks to these devices, very sensitive diagnostics of a wide range of injuries and diseases can be performed.



**Support and strengthening the transition processes in relation to investments into properties of small and medium size enterprises:**

**Main goal**

to facilitate the modernization of obsolete and technically inadequate buildings for SMEs to carry out supported economic activities or to replace them with new buildings for business activities in coal regions



Support for reaching the goals of the RE:START Strategy Pillar „Business and innovation “

**Growth of companies and their penetration into new markets, higher resistance to changes in markets.**

**Allocation of the call:**

**up to 80 M EUR**

*call to be closed in March 16 2020*



## Reducing the level of emissions in coal regions:

### Main goal

Reduce emissions of stationary sources contributing to the exposure of the population to above-the-limit concentrations of pollutants in coal regions.



Support for reaching the goals of the RE:START Strategy Pillar „Environment“

**Revitalize and regenerate areas heavily affected by mining and industrial activities.**



## Reducing the level of emissions in coal regions:

### Results to date

- 49 granted projects
- EU funding = 40 M EUR

### EXAMPLES OF GRANTED PROJECTS

#### Karlovy Vary Region

##### Sokolovská uhelná, a.s. – Tisová Powerplant

- *reduction the of NO<sub>x</sub>, SO<sub>2</sub> and solid pollutants emissions,*
- *EU grant support: 2,86 M EUR*

#### Moravian-Silesian Region

##### TŘINECKÉ ŽELEZÁRNY, a. s.

- *dedusting of hot transport routes of agglomerate incl. cooling the agglomerate.,*
- *EU grant support: 9,67 M EUR*



- EU funds play a significant role in the implementation of RE:START Strategy and reaching up its goals.
- For RE:START Strategy the continuous communication of the potential of reallocation and (re)programming with European Commission representatives is crucial – here we see the greatest benefit of the activities of CRIT Platform.
- There is a great potential for further strengthening the role of EU funds for Czech coal regions in in the EU programming period 2021 – 2027.
- In Czech Republic the programming of operational programmes for the EU programming period 2021 – 2027 is carried out with respect to the need to reflect the specific needs of Czech coal regions in transition.
- Czech Republic is also interested in the potential of Just Transition Fund

Thank you for  
your attention

# Gabriela Nekolová

*National Manager of RE:START Strategy  
Ministry of Regional Development  
of the Czech Republic*

[gabriela.nekolova@mmr.cz](mailto:gabriela.nekolova@mmr.cz)



EUROPEAN UNION  
Cohesion Fund  
Operational Programme Technical Assistance



MINISTRY  
OF REGIONAL  
DEVELOPMENT CZ

MINISTERSTVO  
REGIONÁLNÍHO  
ROZVOJE ČR



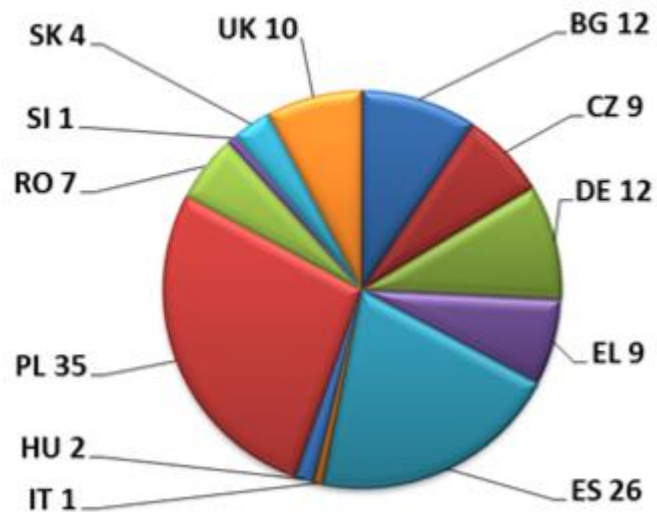
## Cohesion Policy Funds in coal regions – Poland

Krzysztof Wójcik  
**DG REGIO**  
**Unit F3 Poland**



# Coal Industry in PL vs EU

## Number of coal mines



## Coal production

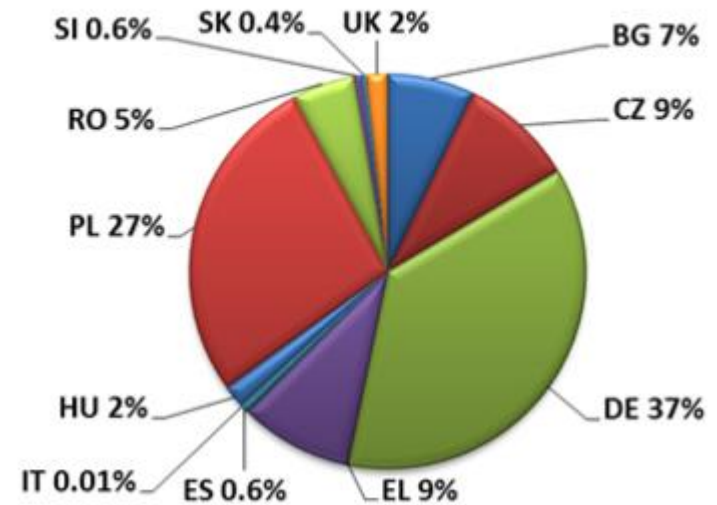
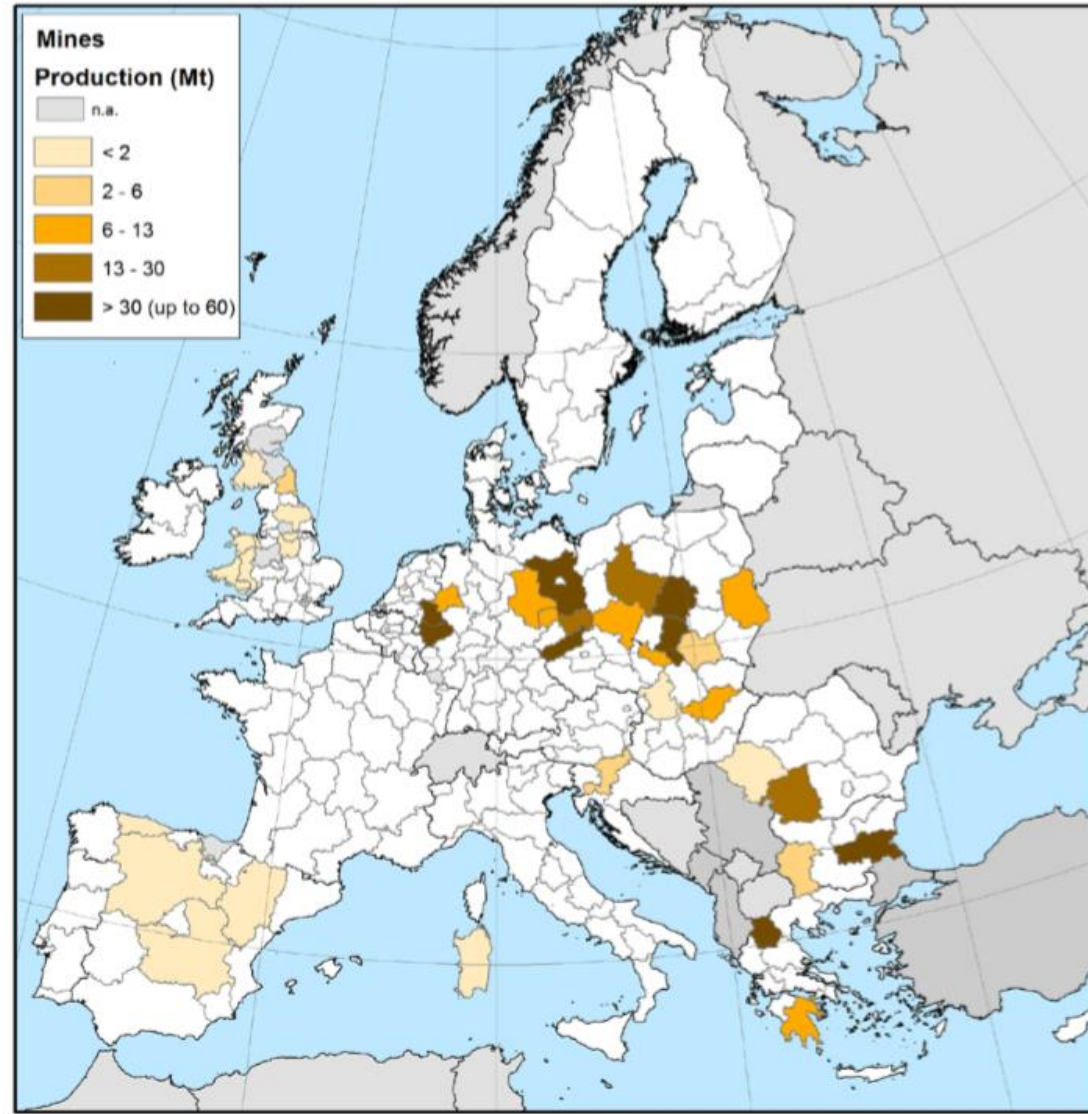


Figure 10. Annual production of coal mines, aggregated at NUTS-2 level<sup>15</sup>

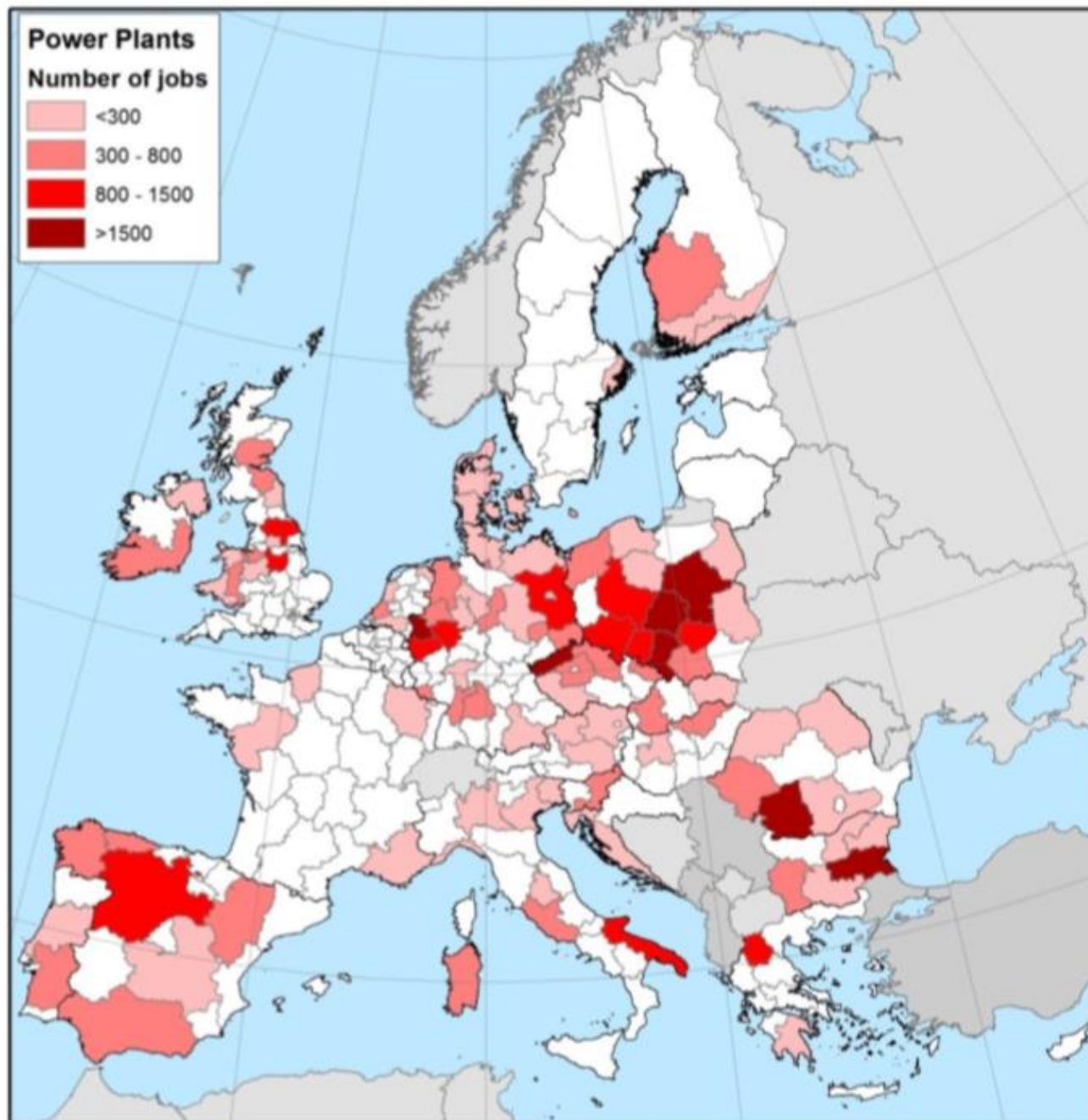
## Coal Industry in PL vs EU (2)

• Five out of 20 top coal mining regions in the EU are located in Poland:

- ❖ Silesia,
- ❖ Łódzkie (Bełchatów subregion),
- ❖ Lubelskie,
- ❖ Małopolskie,
- ❖ Wielkopolskie (Konin subregion).



**Figure 12.** Estimated number of direct jobs in active coal-fired power plants<sup>18</sup>



# Cohesion Policy support for PL regions in coal transition

- *Cohesion & transformation in PL:*
  - ❖ *long experience in supporting industrial transition;*
  - ❖ *holistic approach to the challenges of transition;*
  - ❖ *well suited to address issues related to structural change, working in partnership with actors;*
  - ❖ *only in 2007-2013 period, ERDF supported key transition projects for over 100m EUR in biggest coal region in EU – Silesia;*



# COAL REGIONS IN TRANSITION INITIATIVE

SUPPORT FOR MODERN AND RESPONSIBLE DEVELOPMENT OF EUROPE

European Commission initiative in cooperation with the Ministries of Energy, Investment and Development and with regional authorities: Silesia, Lower Silesia and Wielkopolska

Effective economic, technological and social transformation of coal regions

Support for effective EU Funds' investments



# Cohesion Policy & Coal Regions in Transition

- *3 PL Regions involved:  
Silesia, Greater Poland, Lower Silesia;*
- *Project supported in 2014-2020 via reprogramming the ROPs and through OP Infrastructure & Environment & OP TA (130m EUR in Silesia);*
- *Projects, which cannot be supported in this period (due to financing shortages in ROP or maturity level), are being prepared for the 2021-2027 period*



# What is behind transformation proces in PL?

- *Transformation is not only challenges related to the energy sector;*
- *National vs regional competences;*
- *Efficient phasing out of from the coal-based economy depends also on:*
  - ❖ *economic*
  - ❖ *industrial*
  - ❖ *technologic*
  - ❖ *social aspects*



# ESIF package

- *ESIF already provide support for:*
  - *Economic transformation in line with smart specialisation strategies:*
    - ❖ *support of SMEs,*
    - ❖ *business incubators,*
    - ❖ *Innovation*
    - ❖ *cooperation of industry and researchers*
  - *Reskilling of workers traditionally linked to coal sector;*
  - *Promotion of energy efficiency and alternative renewable energy sources;*





**DOLNY  
ŚLĄSK**



## Lower Silesia – unfinished transformation

- *Last closed mine – 20 y. ago*
- *Challenges:*
  - ❖ *Revitalization*
  - ❖ *Depopulation*
  - ❖ *Geological problems*
  - ❖ *Social aspects*
  - ❖ *Water shortages*

*Best project within CRiT:*

*Construction of a water production plant using post-mining water intake and construction of a plant for the use of geothermal heat from these waters*



European  
Commission

# Greater Poland on the Edge of transformation



WOJEWÓDZTWO  
WIELKOPOLSKIE



- *Challenges:*
  - ❖ *Konin area heavily dependent on lignite coal;*
  - ❖ *Lignite extraction and power generation activities from coal generate almost 6000 direct jobs;*
  - ❖ *Lowering of groundwater level and drought;*
  - ❖ *Lignite resources are about to be fully exploited in next decade;*

*Best project within CRiT:*

*Hydrogen Technologies (complementary project ideas)*



# Silesia – during transformation

- *Ongoing restructuration:*
  - ❖ *reduction of coal mines from 70 to 27*
  - ❖ *43% of the gross value added created in the Śląskie comes from the industry sector and mining plays an important role in it*
  - ❖ *49.4% of GVA created in mining in PL;*
- *Challenges:*
  - ❖ *Degraded areas 18%;*
  - ❖ *Strong dependence on coal around industries;*
  - ❖ *Support for companies – 66 mining entities 250 in a chain;*
  - ❖ *Social aspect: 80 000 direct jobs;*
  - ❖ *Air Quality*
  - ❖ *By 2050 the population in the Śląskie Voivodeship will decrease by 19.1%*



## Silesia - ESIF suport in 2007-2013

- *100m EUR to transition projects financed by ESIF;*
- *Deep transformation of the public space in Katowice*
- *The former coal mine has been revitalised and transformed in the Cultural Area*

- *Silesian Museum - exhibition located underground to reflect the mining past of the area, with the surface area reconverted to a public park;*
- *International Congress Centre - A surface of 8.4 ha was revitalised;*
- *Concert hall of the Polish National Radio Symphony Orchestra;*







## Silesia - ESIF suport in 2014-2020 (2)

- *Approx. 100m EUR to transition projects*
- *Sources: ROP for Silesia and the national OP Infrastructure & Environment, as well as OP TA.*
- *Best projects within CRiT:*
  - ❖ *Development of a post-mining sites management system; (inventory of post-mining areas for investment and pro-economic purposes);*
  - ❖ *Silesia under the blue sky; (air quality technologies);*
  - ❖ *Modernisation of the Silesia Urban Park (ex-mining areas);*
  - ❖ *InfoSmog-MED; (information system on air pollution);*
  - ❖ *Regional Platform of Economic Activation;*



## Silesia - ESIF suport in 2014-2020 (3)

- *Above-mentioned projects will be shortly followed by new initiatives (approx. 30m EUR), selected for implementation by Polish Country team:*
  - ❖ *Economic acceleration of the region's economy development in the areas of new specialisations and innovations;*
  - ❖ *Inter-university business centre of creativity, co-working, prototyping and animating projects;*
  - ❖ *Inter Silesia - internationalization of the SME sector;*
  - ❖ *Business Accelerator / Competence Centre;*



## Unique support

- *Separate set of selection criteria (Jaspers) ;*
- *Non-competitive mode of project selection;*
- *Competitive projects selection with bonus points for contributing to coal regions initiative;*
- *Separate calls in OP I&E focused only on Coal Regions in Transition in RES;*