

# Post-mining development - the ReSource project

## Exploring sustainable utilisations of post-mining potentials

Ústí nad Labem, 10th of February 2012

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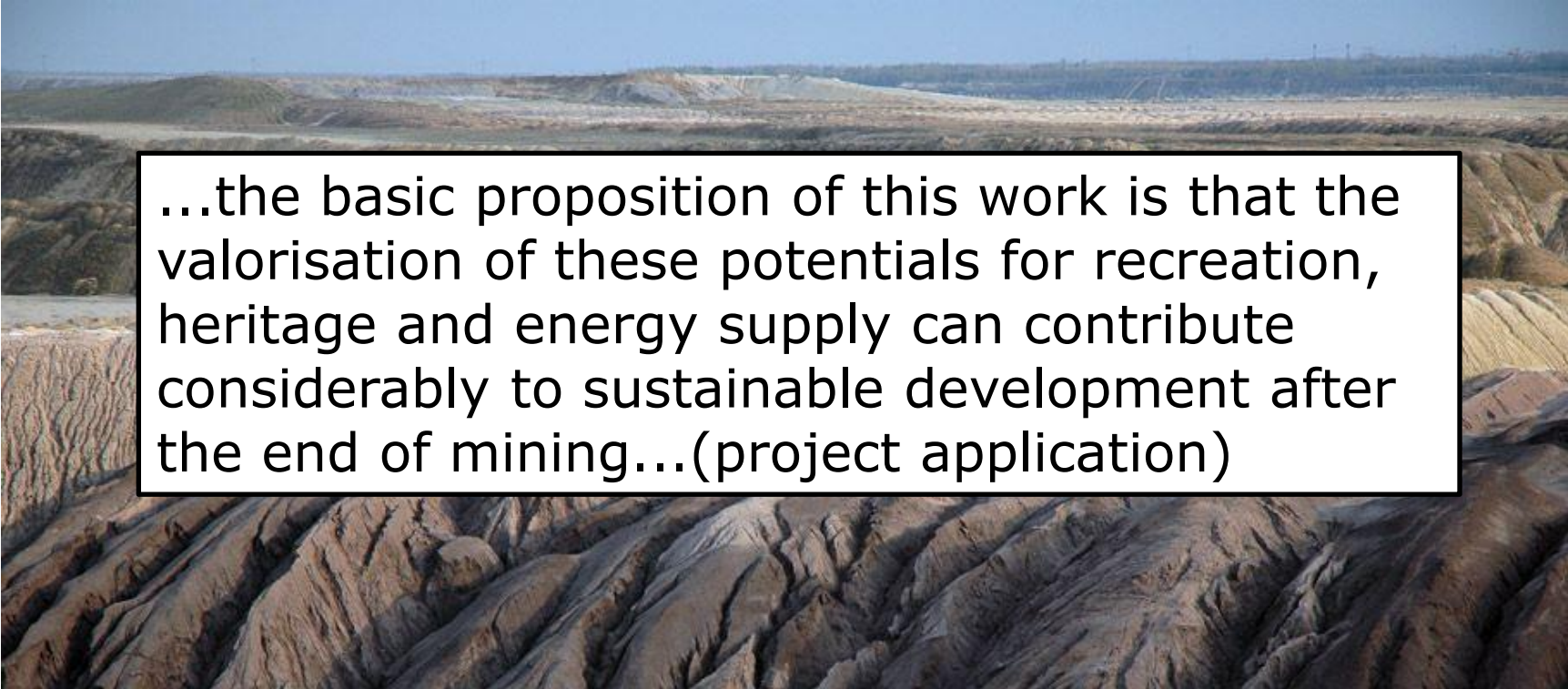


# Introduction/Agenda

1. Opening remarks
2. Utilising post-mining potentials
3. What to learn for a Czech RCE?

# 1. Opening remarks

# The Project



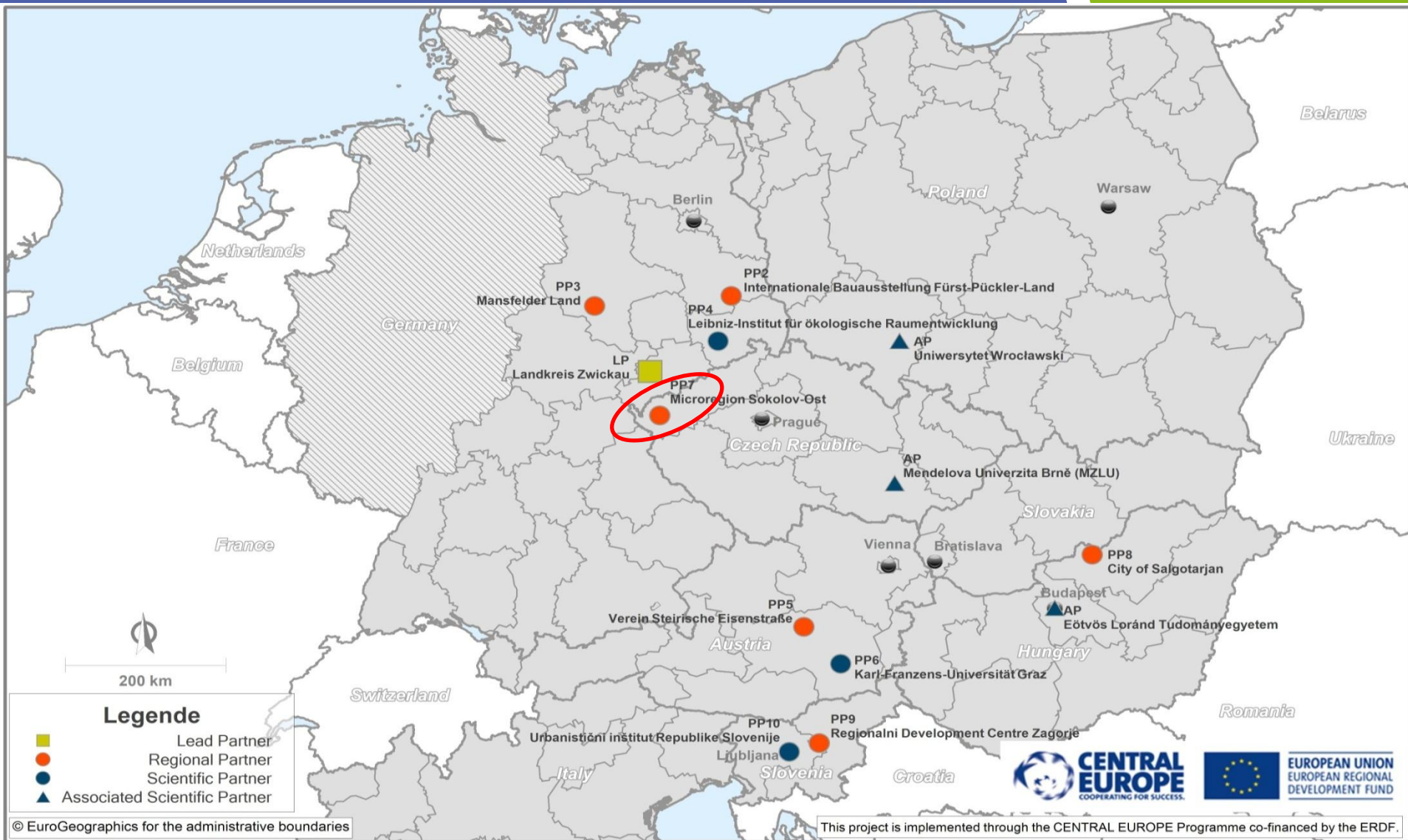
...the basic proposition of this work is that the valorisation of these potentials for recreation, heritage and energy supply can contribute considerably to sustainable development after the end of mining...(project application)

# The Project

- EU-INTERREG IVB project ReSOURCE (2009-2012)
  - [www.resource-ce.eu](http://www.resource-ce.eu)



- 3,21 Mio € total budget
- Setting: Regions with predominantly small and medium sized towns



# ReSource - Project Partners

Jörn Harfst - j.harfst@ioer.de  
 International seminar CZ RCE, Usti n. L., 10.02.2012



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## 2. Utilising potentials in post-mining regions

# Cultural Potentials

- Mining traditions and -events
- Mining associations
- Mining brass
- Mining Monuments/Museums
  - Active and inactive mines
  - Historical processing plants
  - Other infrastructure
- Mining inspired arts
- Mining landscapes
- ...



# Mining Heritage



International  
mining brass  
festival in  
Eisenerz  
(AUT)

St.Barbara  
festivities in  
Sokolov (CZ)

# Mining Infrastructure



Landmark Lausitzer Seenland, Lusatia (GER)

# Mining Landscapes



Lake Medard  
Sokolov (CZ)

Source: IOER, 2011

# Others

## Thermal water and health-gallery, Bad Bleiberg (AUT)



Source: READY, 2007

# Natural Potentials

## Renewable Energies

- Geothermal energy production from mine water
- Biomass production on heaps and dumps
- Energy storage systems
- ...

## Others

- Geoheritage
- ...

# Renewable Energy - Potentials



Mine water  
drainage  
tunnel,  
Mansfeld (GER)

# Renewable Energy - Potentials



Biomass  
plantation,  
Lausatia (GER)

Source: IOER, 2010

# 3. What to learn for Czech RCE?



# Challenge

„...turning a fish soup into an  
aquarium“

Prof. Petr Rumpel



# Conclusions

- Sustainable development options in post-mining regions:
  - Mining tourism
  - Renewable „Energy Landscapes“
- > All post-mining regions possess cultural and natural assets – potentially opening new sustainable development perspectives

# Conclusions

- Regional networks of actors are a key factor
  - Establishment of local and regional arenas for exchange
  - Looking for synergies
  - Involving different partners
  - Agreement on joint projects



Source: IOER, 2010

# Contact info



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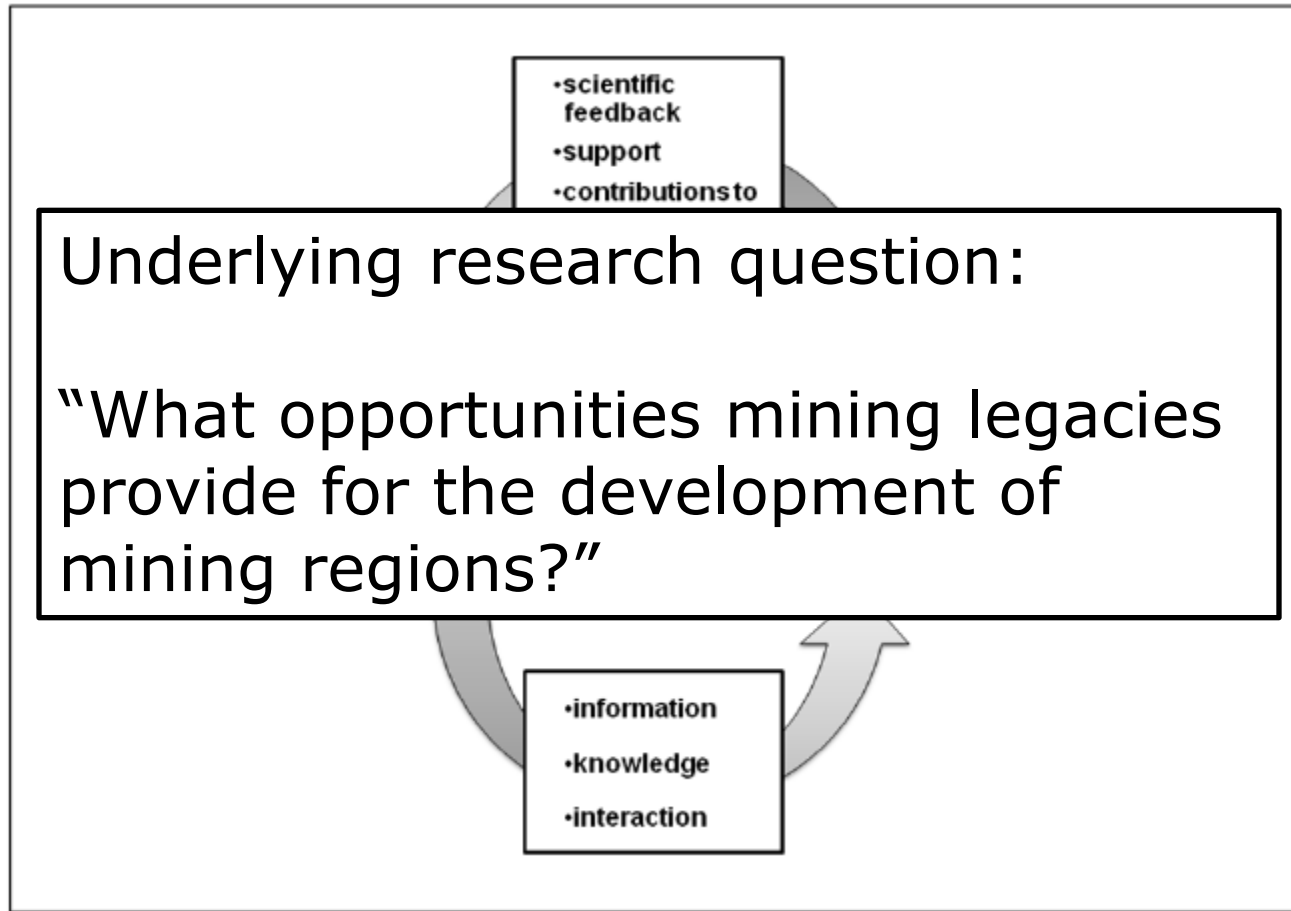
**Web: www.ioer.de**

**10th of February, Ústí nad Labem (Czech Republic)**

# Objectives

- Valorisation of post mining potentials
  - Natural potentials
  - Cultural potentials
  - Integrative approaches
- Finding of transferable strategic options
- Realisation of pilot investments
- Knowledge transfer
  - Handbook
  - Symposia and Workshops
  - Mining-Database...

# Role of research



Source: Scientific Concept of the ReSOURCE Project – “Roadmap”