



REMIX

Interreg Europe



European Union
European Regional
Development Fund

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Mining in Lower Silesia

STRONG MINING IMPACT AND HERITAGE

- **copper**: 4,5% of the world's copper deposits (35,5 mln t), accompanied by silver (1200 t produced annually), gold (2700 kg annually), Pb, Se, Ni, Re
- **lignite**
- **construction stones** (granite, marble, yellow chalky sandstone, bentonites, magnesites, glass sands, etc.)
- **medicinal and thermal waters**
- **black coal** heritage (4 former mines)



Regional Innovation Strategy for Lower Silesian Voivodeship 2011-2020

„Strategic Framework for intelligent specializations of Lower Silesia” indicates potential areas of intelligent specializations of Lower Silesia with verification mechanisms

„Natural and secondary raw materials” – smart specialization



Importance of REMIX to Lower Silesia

Onboard with REMIX early on in 2015

To influence RIS3 in the region with respect to the raw materials sector in such a way as to contribute to its better impact on the development of the Lower Silesian Voivodeship:

- engage representatives of the mining industry in a dialogue about future development;
- strengthen the mining and processing sector in the field of innovation;
- evaluate the current Regional Innovation Strategy and propose new solutions drawing from the experience of partners and project stakeholders.

The peer review conducted in Lower Silesian on December 2017 helped to evaluate RIS3 in the area of natural and secondary raw materials. The main conclusion of the REMIX partners group work and the overall discussion was: **„Good communication in the region is the key to success in the RIS3 implementation”**



REMIX influence and good practice

Involving stakeholders in project's activities – the main advantage of the Interreg Europe programme for Lower Silesia

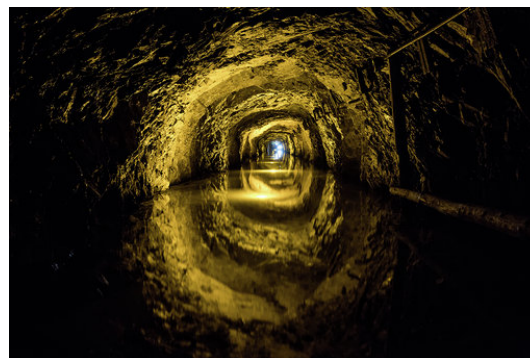
The stakeholders had the opportunity not only to familiarize themselves with **mining issues and problems in the partners' regions** but also to compare their experience with the others and consider transferring some lessons into their practice.

Lower Silesian Good Practices:

- Mineral waste raw materials on heaps of former mining and the processing of minerals of the Sudetes - a database with geochemical maps of selected areas.
- The Old Mine Science and Art Centre (Stara Kopalnia Centrum Nauki i Sztuki)
- The Gold Mine tourist complex in Złoty Stok



stakeholders' meeting on 09.11.2018



Złoty Stok complex



Stara Kopalnia

Good Practice from Lower Silesia

The exhibition titled „Copper. A history of the extraordinary metal” in the Copper Museum in Legnica

An educational programme for children and youth to increase knowledge about raw materials and their role in the modern world and raise awareness of the significance of raw materials and the possibilities of their use for better development of European regions.

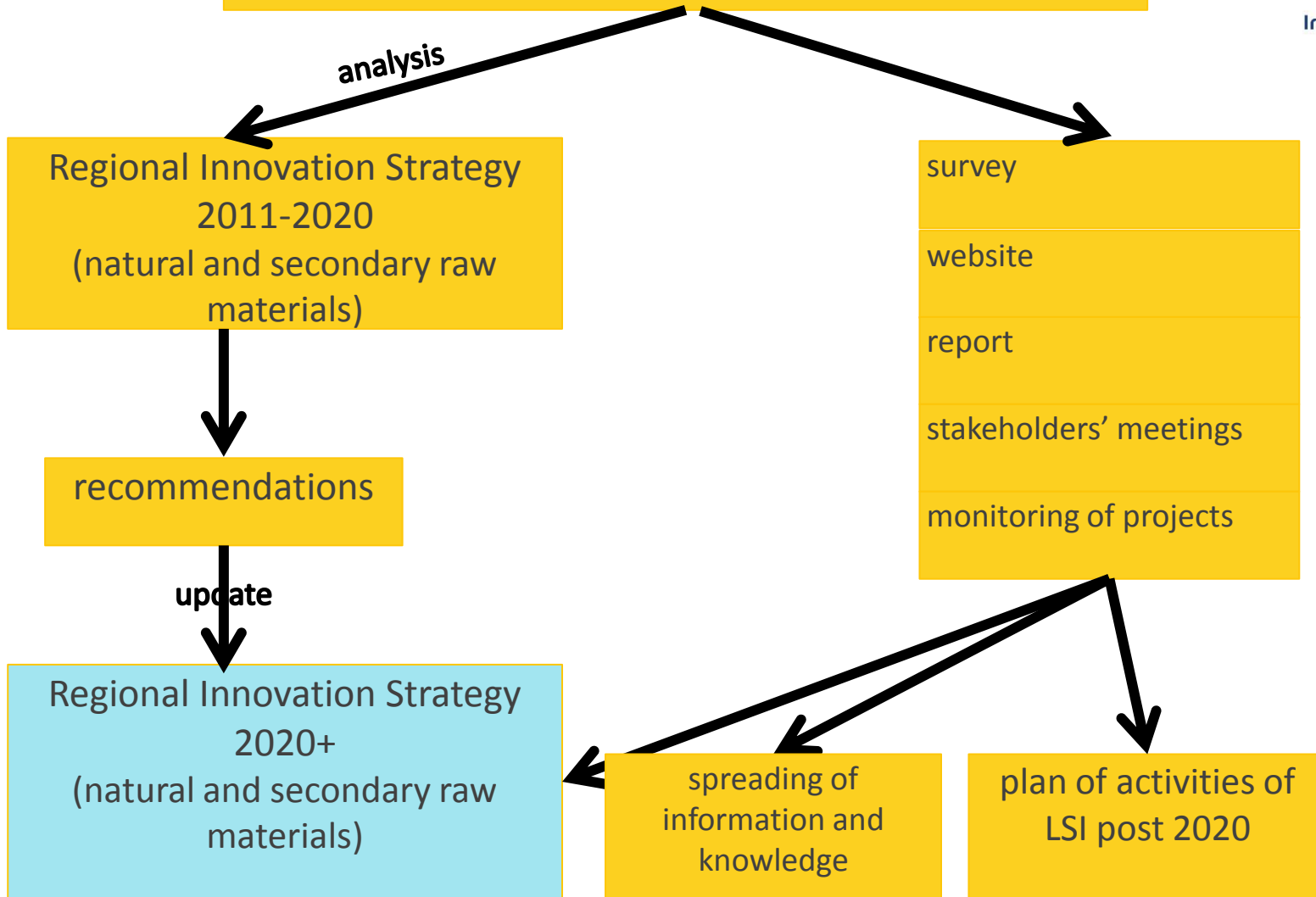
- *Popularizing mining among the general public, especially young generation*
- *Show the role of raw materials in the modern world as the key element of the development of knowledge-based circular economy.*
- *Innovative teaching methods to present attractiveness and diversity of mining, strengthening the key competencies of children and students: creativity and entrepreneurship as the necessary skills in their further professional life and overcoming mining stereotypes.*
- *The exhibition is based on the museum's extensive collections and exhibits focused on the presentation of copper and its use over history. The traditional museum exhibition is accompanied by multimedia presenting knowledge in modern ways: the multimedia*
- *„World without resources” game, 3D HTC goggles showing a virtual mine and holograms presenting contemporary miners and their equipment.*



Good Practice from Lower Silesia



ACTION PLAN (July 2019 – June 2021)



constant monitoring of RIS3 environment



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Thank you!

Questions welcome



Project smedia