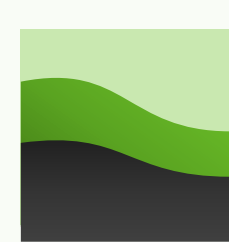# REECOL

Ecological rehabilitation and long term monitoring of post mining areas
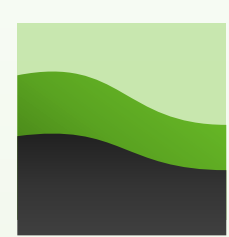
The REECOL project addresses challenges related with transition of post-mining areas

Large-scale environmental degradation and **loss of biodiversity** due to historic and ongoing coal mining activities, as well as **economic** and **social challenges** in coal regions transitioning away from coal dependency, including land use and unemployment.

Project objective

Achieving a sustainable transition in post-mining areas through **enhanced ecological rehabilitation frameworks**, leading to improved ecosystem health and resilience in affected landscapes.
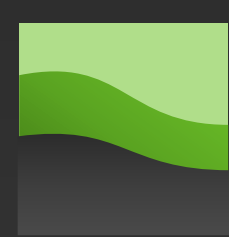
Main expected results/solutions

Innovative techniques: Creation of advanced reclamation and ecosystem rehabilitation methods, including non-contact soil remediation and utilization of highly active composts, supported by comprehensive short- and long-term monitoring solutions.

European audit catalogue for ecological rehabilitation: Development of a certification system to assess and validate ecological rehabilitation in post-mining areas, setting new industry benchmarks.
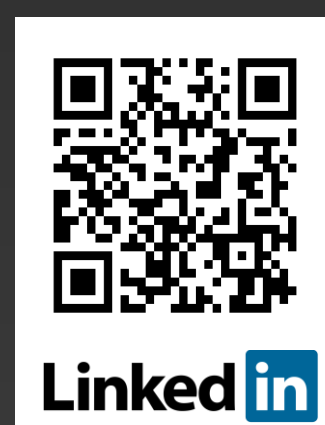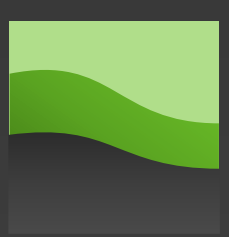
REECOL on the Internet – FOLLOW US

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Consortium - 11 partners from 5 European countries

POLAND:
- „Poltegor–Instytut" Instytut Górnictwa Odkrywkowego - **the coordinator**
- Główny Instytut Górnictwa – Państwowy Instytut Badawczy
- Polska Grupa Górnicza S.A.
- Instytut Techniki Górniczej KOMAG

CZECH REPUBLIC:
- Výzkumný ústav pro hnědé uhlí a.s.

SLOVENIA:
- Premogovnik Velenje d.o.o.

FRANCE:
- BRGM Bureau de Recherches Géologiques et Minières
- Ineris Institut national de l'environnement industriel et des risques
- Valorhiz SAS

GREECE:
- Dimosia Epicheirisi Ilektrismou AE
- Polytechneio Kritis

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the European Union

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