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.

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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.
- Premogovnik Velenje d.o.o.

**SLOVENIA:**
- Dimosia Epicheirisi ilektrismou AE
- Polytechnio Kritis

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

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