



CresConSMin Pilot Project part of **Healthy Municipal Soils (HuMUS)** a European Union's Horizon Europe research and innovation programme, aims to raise stakeholders' awareness of soil contamination due to mining waste storage in Jiu Valley.



Actions

- Kick-off meeting with CresConSMin project representatives
- Petrila soil quality assessment and identification of future possible actions for soil health
- Workshops for enhancing dialogue with stakeholders, capacity building, and exchange of best practices
- SWOT analysis of Petrila area and development of the Territorial Management Agreement (TMA)



Goals

- Revegetation and native species planting in the area of mining waste storages of Jiu Valley
- Soil erosion control and implementation of soil remediation solutions
- Use of organic amendments, soil quality monitoring and nutrient management
- Ecosystem restoration and sustainable land management
- Increasing funding for mining areas rehabilitation projects



TMA goals

Establish clear recommendations regarding **biodiversity conservation**, **sustainable use of natural resources** and **soil protection**.

Manage and improve **soil health** in Petrila storage mining region while promoting sustainable practices.

Healthy Soils, Shared Responsibility: A Participatory Approach to Soil Health in Mining Areas.

Waste Mining Dams in the City of Petrila and the EU #MissionSoil

The tailing dams in the Jiu Valley region occupies an area of over **100 hectares**. These pose significant risks to human health due to the content of chemicals further entrained in the air and water streams. At the same time, can produce violent landslides damaging the environment, and collapsing nearby building structures. On the other side, causing erosion and material transportation. Herein, the Soil Mission proposed by the European Union aims to lead the transition to healthy soils via sustainable soil management. The inclusion of marginalised or vulnerable communities contributes to a shared understanding of the challenges and helps co-create solutions to protect and restore soil. [Sign the Mission Soil manifesto!](#)



Local Partners



Funded by
the European Union

humus-project.eu

info@humus-project.eu

