

PRESS RELEASE #4

I4-GREEN: Leading the way towards sustainable mining in Europe

February 19, 2024- The initiative, coordinated by ICAMCyL, is transforming mining in Europe towards greener and more sustainable practices, promoting innovative technologies to protect the planet.

The I4-GREEN project emerges as a pioneering initiative, leading the way towards green and sustainable mining in Europe. Through technological innovation and interregional collaboration, we seek to reduce dependence on imports of critical raw materials and minimize the environmental impact of their extraction and processing.

Europe faces the challenge of reducing its dependence on imports of critical raw materials, essential for the energy transition and environmental sustainability. The I4-GREEN project responds to this challenge, unleashing the green innovation potential of the EU's interregional ecosystems. Its focus is on promoting mining that is both green, circular, and socially responsible.

I4-GREEN's main goal is to transform the European extractive industry. It seeks to revive ecosystems affected by deindustrialization, establishing a single node for the green transformation of extractive industries and generating cutting-edge process recovery technologies that are sustainable and have low environmental impact. This approach not only aims to mitigate negative environmental impact but also to unleash the power of green innovation to foster a sustainable transition in other EU regions.

Through the implementation of two consolidated and profitable pilots in Portugal and Spain, I4-GREEN demonstrates its commitment to technological innovation. These pilots serve as living laboratories to implement technological solutions that meet the needs of sustainable mining. From the re-evaluation of dumps and mining waste to the development of new products, processes, and technical services, the project promotes the application of green and circular technologies in mining.

The ICAMCyL Center stands out in the I4-GREEN initiative as a fundamental pillar in the promotion of sustainable mining practices and green innovation in Europe.

Through the coordination of this project, ICAMCyL promotes the development and implementation of advanced technologies that support the extraction and processing of raw materials in an eco-innovative and energy-efficient manner. Its focus on the effective management of industrial resources and the substitution of critical raw materials underlines its commitment to environmental sustainability and reducing Europe's dependence on external imports. ICAMCyL plays a crucial role in moving towards greener and more circular mining, aligning its efforts with the objectives of I4-GREEN to revive affected ecosystems and promote a more sustainable and responsible economy.

*The I4-GREEN project is coordinated by ICAMCyL Foundation, please contact us for further information:
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