



European Mining in the Green and Digital Era

1st Press Release

MASTERMINE project officially launches in Seville, Spain

A productive kick-off meeting for MASTEMINE took place in Seville on January 25-26th, marking the official start of the Horizon Europe co-funded project. The Consortium had the chance to come together and attend the meeting both online and in-person. The partners engaged in a fruitful discussion about the project's objectives, the work packages and different use cases as well as the upcoming steps, under the coordination of ITAINNOVA, the project's coordinator.

The second day of the meeting, partners had the chance to visit Tharsis mines and premises, one of the end users of the project and organizers of the kick-off meeting.



About the project

MASTERMINE is a 4-year Horizon Europe co-funded project which aspires to become the go-to ecosystem for mines that envision digitalisation, environmental sustainability, productivity monitoring and public acceptance within their strategic goals. The focus will be on an Industrial Metaverse (IM) approach to build a digitalized copy of a real-world mine.

The project will demonstrate its applicability in 4 EU demo cases and one replication demo in South Africa. The mining partners offer access to a total of 10 mines around Europe, producing 10 different raw materials, including 4 CRMs (Cobalt, Coking Coal, Phosphate Rock and Platinum).

MASTERMINE consists of six high-level modules:

- CYBERMINE: Leading the digital transformation of EU mines.
- AUTOMINE: Establishing autonomous and electric operations along with smart monitoring and maintenance.
- GEOMINE: Ensuring safety and stability in critical structures.
- GREENMINE: Enhancing the environmental sustainability of the mines.
- METAMINE: Building the first mining metaverse of the EU mines.
- OURMINE: Connecting the mining industry with the surrounding community to build trust and foster social innovation.

Project title: European Mining in the Green and Digital Era

Project ID: 101091895

Start Date: 01/12/2012

Project Duration: 48 months

Project Consortium:



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