

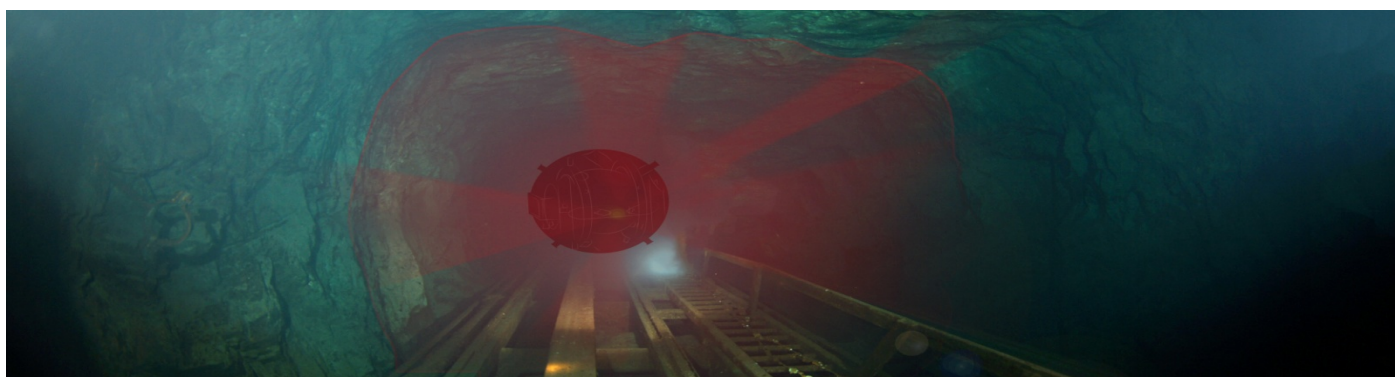


UNDERWATER EXPLORER FOR FLOODED MINES

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The UNEXMIN Consortium is developing a novel robotic mine surveying system to be used for the autonomous mapping of flooded underground mines. The technology developed by UNEXMIN will increase Europe's capacity to re-evaluate its abandoned mines for their mineral potential, with reduced exploration costs and increased investment security for any future mining operations. By retrieving data from historical sites that are currently inaccessible it will also help to document and safeguard Europe's unique mining heritage.



As a part of the UNEXMIN project the European Federation of Geologists (EFG) is creating a database of flooded underground mines in Europe. There is a special focus on mines that produced metallic minerals in the past, and on mines that cannot be re-surveyed by scuba divers due to their depth or difficulty of access. EFG is also collecting information on any flooded mines/structures that are of cultural and/or archaeological importance and could now be re-surveyed with the UNEXMIN technology.



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