

RIS-RECOVER

**Regional innovation scheme for
zero waste extraction of critical
raw materials**



Mining tailings and metallurgical heaps can pose a substantial risk to environment, due to their large quantity and composition, while on the other hand represents valuable sources of secondary raw materials, including critical raw materials.

The main goal of RIS-RECOVER project is to bring together industry, research/education, government, general public and environment sectors in shaping novel zero waste paradigm for mining tailing and metallurgical heaps in order to increase competitiveness and innovation potential of regional knowledge triangle. The project activities are based on the current state of the regional environment (e.g. waste management, legislation, regional knowledge) and the latest know-how of the RIS-RECOVER consortium. The novel zero waste paradigm is focused on extraction of valuable raw materials from mining tailings and metallurgical heaps and recycling of remaining residues into materials for the construction sector.

The main output of the project will be a regional innovation scheme based on validated and fact-based data. Such validated approach will be transferred to other parts of RIS region and across Europe.

Project Title	RIS-RECOVER — Regional innovation scheme for zero waste extraction of critical raw materials
Project Duration	01/2018 – 03/2021
Project Partners	Slovenian National Building and Civil Engineering Institute (ZAG), Civil Engineering Institute Macedonia (GIM), Geological Survey of Slovenia (GeoZS), Goce Delcev University Štip (GDU), Montanuniversität Leoben (MUL), Vlaamse Instelling voor Technologisch Onderzoek NV (VITO).
Project Volume	€ 495.313
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