



PROJECT
SLIM

Social innovation to minimize impact of mineral extractive techniques

ZABALA Innovation Consulting manages the European project SLIM "Sustainable Low Impact Mining solution for exploitation of small mineral deposits based on advanced rock blasting and environmental technologies", led by the Universidad Politécnica de Madrid. Thanks to ZABALA's expertise, SLIM also includes a broad package of Social Innovation actions.



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13
PARTNERS

5
EUROPEAN PILOT CITIES

25%
IMPROVING EFFICIENCY

20%
REDUCTION OF ENERGY CONSUMPTION



IN ONE CLICK		
Coordinator	Programme	Period
UNIVERSITY POLITÉCNICA OF MADRID Sector	HORIZON 2020	2016-2020
MINING	Web	
	www.slim-project.eu	

01
The Challenge

SLIM aims to **minimize the impact of mineral extractive techniques** on mines of small deposits, including deposits of high chemical complexity or low mineral quality.

02
Solutions

The project **has focused** on the introduction of technological advances **to minimize** the impact and eliminate risks, as well as the consideration of the economic, social and environmental dimensions of the mines in order to reach agreements with local populations. **SLIM includes** a broad package of Social Innovation actions that will include dialogue, as well as information and participation processes with the communities involved and key social actors.

03
Impacts

Among other aspects, **SLIM is expected to improve** the efficiency of mining activity by 25%, reduce vibrations and derived noise by 20-25%, cut energy consumption by 20% and decrease greenhouse gases by 10%.