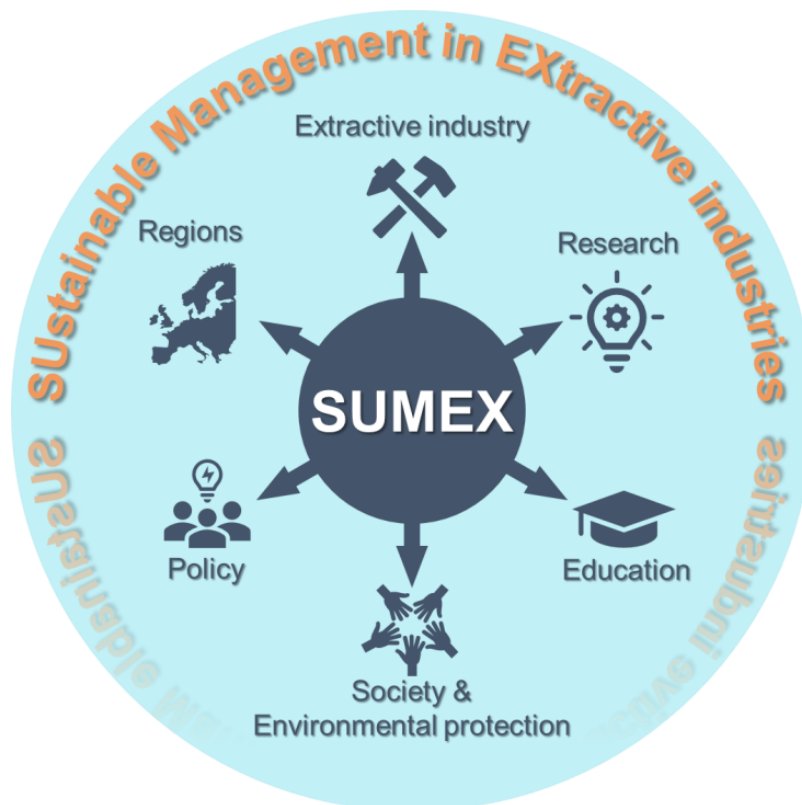


SUMEX



Summary:

SUMEX is a H2020 Horizon project. The project supports the set-up of a European sustainability framework to improve the permitting procedure along the extractive value chain (prospecting, exploration, extraction, processing, closure, post closure activities), to guarantee timely decisions, a transparent governmental regulatory regime, appealing financial and administrative conditions and sustainable natural environmental and social conditions. The main mission of SUMEX is to assist policymakers and other stakeholders in seizing this opportunity.

In order to foster more, but sustainable mineral production in the EU, SUMEX will establish a sustainability framework for the extractive industry in Europe. It does so by considering the Sustainable Development Goals, the European Green Deal, as well as EU Social License to Operate considerations and will involve stakeholders from industry, government, academia and civil society backgrounds from all across the EU.

This framework is then applied across the extractive value chain to analyse the mineral, as well as relevant economic, environmental and social policy frameworks of the EU, member states

and selected regions along five focus areas – socio-economic and environmental impact assessments, land use planning, health and safety, reporting official statistics and permitting processes/policy integration-to find, or build, where needed, good practices or tools for an open access toolkit, which will be embedded in a broader Community of Practise (CoP) and which forms the basis for capacity building. This CoP will consider relevant stakeholder groups, with a focus on permitting authorities, across the EU, providing a digital platform and using a series of workshops and webinars. In SUMEX, the experience from other projects like MINGUIDE, MINLAND, MIREU, STRADE builds a powerful foundation for addressing the challenge of how best to implement sustainability considerations into the whole raw materials value chain.

Duration:

1 November 2020- 30 October 2023

Objectives:

Strengthen policy coordination and agenda setting along the mineral extraction value chain.

- Improve the understanding of mechanisms of horizontal and vertical coordination along the value chain
- Identify conditions that support the horizontal and vertical coordination and permitting procedures
- Foster agenda setting for mineral extraction

Propose a uniform EU sustainable management in extractive industries context.

- Operationalisation of SD framework
- Identify needs and gaps in permitting and planning practise, regarding policy coordination and agenda setting

Cluster with other projects to identify good practices and good practise principles.

- Clustering with projects based in the fields of mineral management, land-use planning, socio-environmental management to gain a comprehensive (holistic) perspective
- Foster strong meta research, to avoid duplication

Identify good practices and good practice principles for policy strategies and policy integration.

- Identify good practises and principles for policy strategies and strategic approaches, coordination/integration and approaches and property rights regimes for different institutional systems
- Fill the gaps identified in the gap analysis from O2, through in-dept analysis of the use cases a) battery materials and b) construction materials
- Review and analyse mapped practices that lead to recommendations and training material
- Validate the results in peer learning workshops

Build a toolkit with good practises, with a focus on access to land, permitting and policy coordination and integration.

- Identify stakeholder learning needs and requirements
- Foster decision making practices and decision quality by providing the online toolkit and testing it regularly during the project (based on the feed-back from the CoP)
- Establish a CoP via the Leaders & Learners League (3L) approach

Deploy an open access toolkit for capacity building across EU and with all stakeholders.

- Support knowledge management and knowledge brokerage by 3L
- Evoke and establish interactive single-, double- and triple-loop learning, via digital and virtual training materials and social learning experiences
- Establish a three-step approach for horizontal and vertical policy learning through a series of different workshop types (a) needs analysis, (b) peer learning & validation workshops and (c) toolkit diffusion workshop and webinars

- Establish the self-sustainability of the digital platform

Use cases:

1.-Andalusia has a long history of mining many commodities, and embraces mining in the present day as well. The region is a well-suited test case for SUMEX and given that it is very active in MIREU and the OECD Mining Regions and Cities Initiative is well suited to engage other EU regions to participate in SUMEX's Community of Practice (CoP).

2.-The SUMEX project aims at covering the whole EU and for achieving its highest input and impact, the focus area is divided into 5 regions where regional peer learning workshops are planned: Northern Europe, Southern Europe, Eastern Europe, Western Europe and Central Europe.

3.-Construction and battery materials. While construction materials are the most important part of Europe's extractive industry in terms of volume, battery raw materials will play an increasingly important role in the switch to electric vehicles and the energy transition. Project partners from industry (Boliden and UEPG), located in different geographic regions and having partners all across the EU, are contributing their practical knowledge and experience to the mapping and analysis of the use-cases, and play a crucial role in the policy analysis and identification of good practices.

Budget: € 1 999 551,25

Consortium:

- Montanuniversitaet Leoben (MUL)
- OEKO-INSTITUT E.V
- Tallinn University of Technology (TalTech)
- Vienna University of Economics and Business
- University of Lapland (LAY)
- Wageningen University (WU)
- European Federation of Geologists (EFG)
- Boliden Mineral AB
- Union Européenne des Producteurs de Granulats (UEPG)
- DGIEM is the Regional Mining Authority in Andalusia. It is part of the Regional Ministry of Finance, Industry and Energy.

Social media:

Webpage: <https://www.sumexproject.eu/>

Twitter: @SUMEXproject.

Facebook: <https://www.facebook.com/SUMEXproject>

LinkedIn: @SUMEX Project

Youtube: @sumexproject3083

