

# Solutions for CRITICAL Raw materials - a European Expert Network

30  
MONTHS  
—  
30  
PARTNERS  
—  
15  
COUNTRIES

## SCRREEN PROJECT TO STRENGTHEN EUROPE'S CRITICAL RAW MATERIAL STRATEGY

### OBJECTIVES

- ➔ **Establish an EU Expert Network that covers the whole value chain for current and future critical raw materials.**  
It will build on existing structures and initiatives, as well as international collaboration, and will aim at clustering related EU projects and initiatives.
- ➔ **Analyse pathways and barriers for innovation, and identify the solutions for overcoming them.**  
These should enable technology breakthroughs, substitution options, new resources (primary, secondary, urban mines) etc.
- ➔ **Study the regulatory, policy and economic framework for the development of these technologies and propose ways to move forward, while looking at end of life issues.**  
The objective is to lift barriers and ultimately boost the creation of new markets in Europe, inducing job and wealth creation.
- ➔ **Identify the knowledge gained over the last years and ease the access to these data widely and efficiently, beyond the project.**  
SCRREEN will collect and organise all of the data generated in other projects, associations, initiatives etc, and develop a knowledge data portal.

# WHAT ARE CRITICAL RAW MATERIALS?

Raw materials are crucial to Europe's economy and essential to maintaining and improving our quality of life. Securing reliable and unhindered access to certain raw materials is a growing concern within the EU and across the globe. To address this challenge, the European Commission has created a list of Critical Raw Materials (CRMs). CRMs combine a high economic importance for the EU with a high risk associated with their supply. Examples of CRMs include rare earth elements, cobalt and niobium.

Periodically, the European Commission publishes a list of CRMs based on a criticality assessment at EU level on a wide range of raw materials.

## THE SCREEN CONSORTIUM & NETWORK

SCRREEN is coordinated by the French Alternative Energies and Atomic Energy Commission (CEA). The consortium comprises 30 partners from 15 countries.



SCRREEN is supported by key **associations, initiatives, industry, SMEs and consultancies** in the sector - these stakeholders will also be involved in the project's Expert Network.

**EU Initiatives:** EIT RawMaterials, E-MRS, ERAMIN2, ETP-SMR, SusChem, EUMAT, EURELCO...

**European Associations:** EUROMINES, EUROMETAUX, EFG, PROMETIA, ECGA, EARN, CIME Cluster, Recharge, WEEE Forum...

**International organisations:** AMIRA, CMI, IMA...

**Public Authorities or their representatives:** Lapland Regional Council, French Ministry of Environment, Junta de Castilla y Leon, IGMNiR, EDM, SIEMCALSA...

## CONTACT US

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