



**IMPROVING COMPETITIVENESS TOWARDS
A NEW SUSTAINABLE MINING
ACROSS THE WHOLE VALUE CHAIN**



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**JOINING EFFORTS WITH AND
FOR THE MINING INDUSTRY**

**BUILDING THE FUTURE OF THE
MINING TERRITORIES**

IBERIAN SUSTAINABLE MINING CLUSTER

The **Iberian Sustainable Mining Cluster (ISMC)** has been created to halt the current decline of the mining sector in Spain, with special attention to the region of Castilla y León and the mining areas of the Province of León, in Northwest Spain. This decline affects the whole value chain as well as social acceptance of mining operations.

ISMC currently includes around **50 companies, research and institutional entities** joining efforts to consolidate the strengths of the **mining sector and its associated services**, promoting sustained economic growth for its members, with special attention to SMEs.

ISMC & THE MINING VALUE CHAIN



OBJECTIVES

- Boost the mining sector and related services
- Promote growth and competitiveness
- Foster cooperation across industries
- Attract business and commercial opportunities
- Promote technological innovation and sustainability

RAW MATERIALS & THE CIRCULAR ECONOMY

ISMC brings together **leading companies** in the fields of exploration and extraction of mineral resources, engineering, training, logistics, business and other related services. Furthermore, it **covers a wide range of raw materials and some essential critical raw materials (CRMs)**.

EU LIST OF CRITICAL RAW MATERIALS (2017)

Antimony	Hafnium	PGMs
Baryte	Helium	Phosphate rock
Beryllium	HREEs	Phosphorus
Bismuth	Indium	Scandium
Borate	LREEs	Silicon metal
Cobalt	Magnesium	Tantalum
Fluorspar	Natural graphite	Tungsten
Gallium	Natural rubber	Vanadium
Germanium	Niobium	

The development of a **sustainable, low environmental impact mining** will only occur through the improvement and integration of **new methods, techniques and processes** that allow the use and valorisation of raw materials and their by-products, always according to the principles of **sustainability and circular economy**. ISMC members are fully aware of these objectives and are willing to incorporate them into their activities **across the entire mining value chain**.



EXPERTISE OFFER

- ISMC covers the whole mining value chain
- Wide coverage of raw materials & CRMs
- Pilots and new lines of research
- Stakeholders participation
- Clustering activities