



The European Innovation Partnership on Raw Materials

European association for mining industries,
metal ores and industrial minerals

European Mining and Business Forum

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- ≡ Euromines and its role

- ≡ Pillar 2 of the EIP
 - = Sustainable supply of raw materials within the EU

- ≡ Links to EU Horizon2020 research & innovation programme

Euromines – who we are



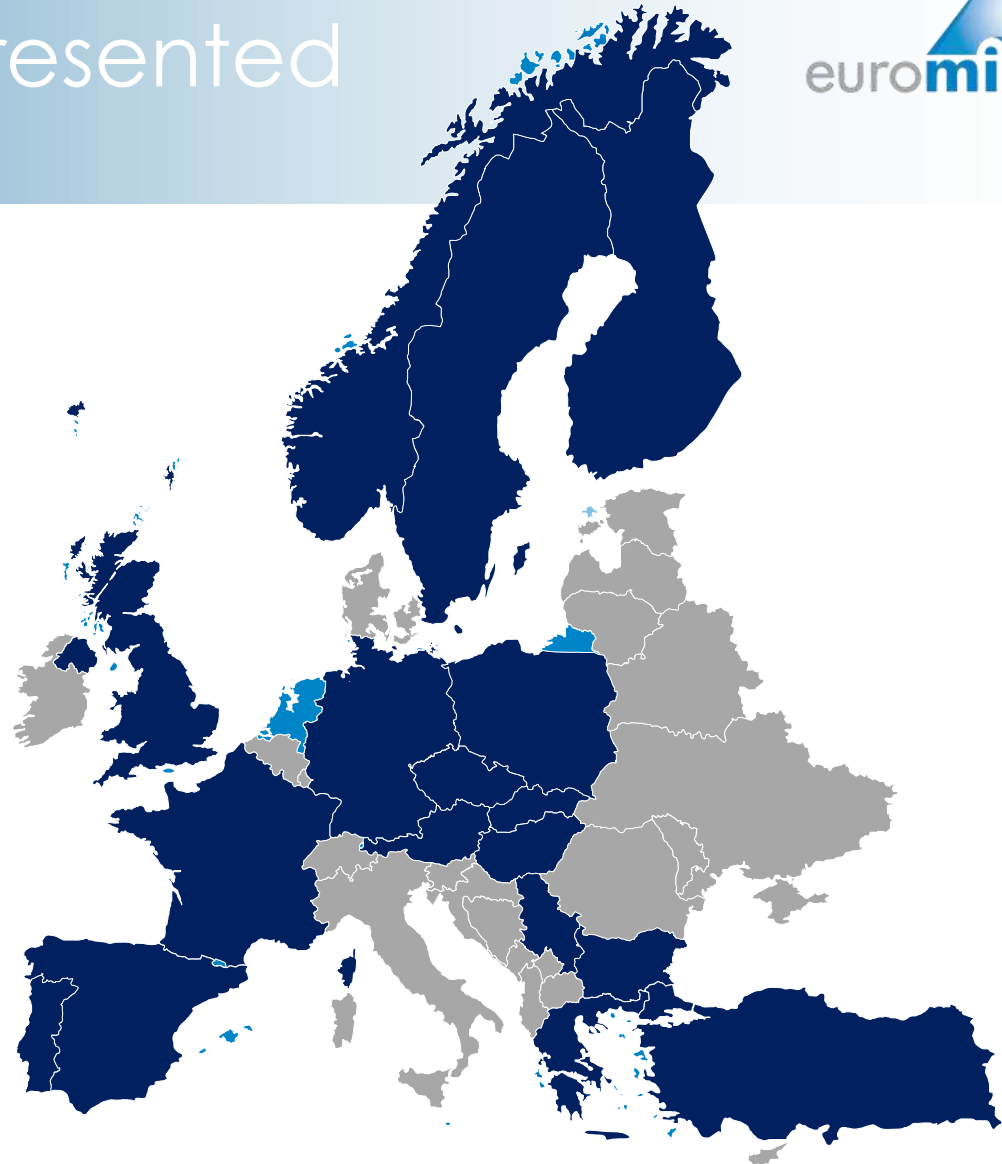
- Recognized representative of the European mining industry;
- Service provider to its members with regard to EU policy;
- Network for cooperation and for the exchange of information throughout the sector within Europe;
- Link to contacts with the mining community throughout the world.



Countries represented



- ≡ Austria
- ≡ Bulgaria
- ≡ Czech Republic
- ≡ Finland
- ≡ France
- ≡ Germany
- ≡ Greece
- ≡ Hungary
- ≡ Norway
- ≡ Poland
- ≡ Portugal
- ≡ Serbia
- ≡ Slovakia
- ≡ Sweden
- ≡ Turkey
- ≡ United Kingdom



The EU's Raw Materials Initiative and the EIP on Raw Materials

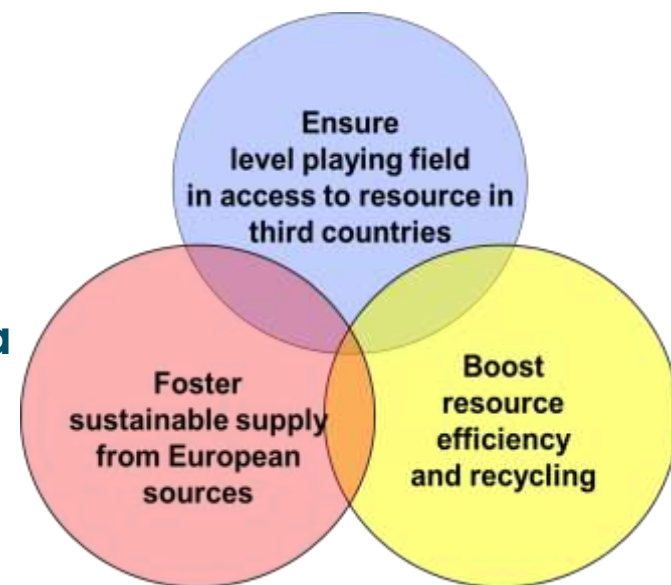


≡ **European Raw Materials Strategy**
= **COM(2008) 699; COM(2011) 25**

≡ **Europe 2020**

Four Flagships Initiatives out of seven

- = **Industrial policy for the globalisation era**
- = **Agenda for new skills and jobs**
- = **Resource Efficient Europe**
- = **Innovation Union**



EIP on Raw Materials: Key components

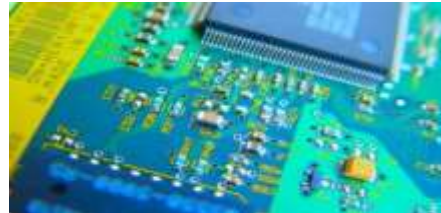


≡ **Technology-focused policy areas**

≡ **Non Technology policy areas**

- = Improving Europe's raw materials regulatory framework, knowledge and infrastructure base, e.g. access to land.
- = Promotion of excellence in resource efficiency

≡ **International cooperation**





EUROPEAN TECHNOLOGY PLATFORM
ON SUSTAINABLE MINERAL RESOURCES



Website www.etpsmr.org
Information on EPT SMR and its tasks

Horizon 2020 Societal Challenge

- ≡ a resource-efficient and climate change resilient society,
- ≡ protection and sustainable management of natural resources and ecosystems,
- ≡ sustainable supply and use of raw materials, to meet the needs of a growing global population within the limits of the planet.

Selected Topics of Horizon 2020 Calls



- = **Deep exploration &/or Invisible mine**
- = **New & sustainable metallurgical processes & systems**
- = **New technologies for the enhanced recovery of by-products**
- = **Minerals policy framework**
- = **Raw materials intelligence capacity**
- = **Optimising collection of raw materials data in Member States**
- = **Mineral deposits of public importance**
- = **Linking land use planning & national mineral policies**



Selected Horizon 2020 Projects



- ≡ **BioMOre** **Extracting Metals from Deep Ore Deposits using Biotechnology**
- ≡ **INSPIRATION** **INtegrated Spatial Planning**
- ≡ **METGROW PLUS** **Metal Recovery from Low Grade Ores and Wastes**
- ≡ **MICA** **Mineral Intelligence Capacity Analysis**
- ≡ **MINERAL EYE** **Real-time mineralogical analysis for the process optimization**
- ≡ **MIN-GUIDE** **Minerals Policy Guidance for Europe**
- ≡ **OptimOre** **Increasing yield on Tungsten and Tantalum by advanced crushing**
- ≡ **VERAM** **Vision and Roadmap for European Raw Materials**



Meeting critical needs in Europe

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