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PROMETIA 5th Scientific Seminar
14th December 2018, Berlin, Germany
ERA-MIN Joint Call 2018

• Call calendar
• Participating countries/regions
• Call scope and topics
ERA-MIN Joint Call 2018 at a glance

- 31 October 2018 - Call Publication
- 31 January 2019 - Proposal submission deadline
- May 2019 - Funding decision:
  - 1 Nov. 2019 – project’s start latest date
  - 24-36 months - Project’s duration

Participating countries/regions
(to be updated by the call publication)

18 EU Member States/Associated countries and regions:
Belgium- Brussels; Belgium-Flanders; Belgium-Wallonia; Finland; France; Germany; Greece; Italy- Calabria; Ireland; Poland; Portugal; Romania; Slovakia; Slovenia; Spain - Castilla y Léon; Sweden; Turkey

4 Non-EU countries: Brazil; Canada-Québec; Chile; South Africa

- ca. 14 Mio EUR - Total call budget
ERA-MIN Joint Call 2018 at a glance

Scope: demand-driven research and innovation on primary and secondary resources of metallic, construction and industrial minerals and substitution of Critical Raw Materials in a circular economy approach.

Raw materials for the sustainable development and the circular economy
1. Supply of raw materials from exploration and mining
2. Design
3. Processing, Production and Remanufacturing
4. Recycling and Re-use of End-of-Life Products
5. Cross-cutting topics:
   5.1. New business models
   5.2. Improvement of methods or data for environmental impact assessment
   5.3. Social acceptance and trust/public perception of raw materials
1. Supply of raw materials from exploration and mining
   1.1. Exploration
   1.2. Mining operations
   1.3. Mine closure and reclamation

2. Design
   2.1. Product design for increased raw material efficiency
   2.2. Product design for reuse or extended durability of product
   2.3. Product design to promote recycling
   2.4. Product design for critical materials substitution
ERA-MIN Joint Call 2018 – main topics and sub-topics

3. Processing, Production and Remanufacturing
   3.1. Increase resource efficiency in resource intensive production processes
   3.2. Increase resource efficiency through recycling of residues or remanufacturing of used products and components
   3.3. Increase resource efficiency using information and communication technologies (ICT)

4. Recycling and Re-use of End-of-life products
   4.1. End-of-life products collection and (reverse) logistics
   4.2. End-of-life products pre-processing: pre-treatment, dismantling, sorting, characterisation
   4.3. Recovery of raw materials from End-of-life products
   4.4. Increase recycling of End-of –Life products through information and communications technologies (ICT)
ERA-MIN Joint Call 2018 at a glance

• Joint application & evaluation but national/regional funding

• Centralised international evaluation of proposals based on the H2020 evaluation criteria: 1) Excellence, 2) Impact and 3) Implementation.

• Selection of projects following a ranking list recommended by the Scientific Evaluation Board.

• National/regional funding rules and regulations apply:
  • Not all topics and sub-topics are supported by all participating funding organisations
  • Not all legal entities (academia, industry, SMEs, NGOs, public authorities) are eligible for funding
  • Not all research types (fundamental, applied research or innovation - Technology Readiness Level TRL between 1 and 9) are eligible for funding
Call sub-topics addressed by the 16 funded projects

1. Exploration
   - Exploration
   - Mining operations
   - Mine closure and reclamation

2. Design
   - Product design for increased raw material efficiency
   - Product design for reuse or extended durability of products
   - Product design to promote recycling
   - Product design for critical materials substitution

3. Production/Remanufacturing
   - Increase resource efficiency in resource intensive production processes
   - Increase resource efficiency through recycling of residues/remanufacturing
   - Increase resource efficiency using ICT

4. Recycling of End-of-Life products
   - End-of-life products collection and logistics
   - End-of-life products pre-processing
   - Recovery of raw materials from End-of-life products
   - Increase recycling of End-of-Life products through ICT

5. Cross-cutting topics
   - New business models
   - Improvement of methods or data for environmental impact assessment
   - Social acceptance and trust/public perception of raw materials
HOW CAN YOU GET INVOLVED?

If you are a legal entity from university, research institute, SME, industry, NGO or public authority

• Apply, as coordinator or partner, in a transnational consortium to 2018 and 2019 ERA-MIN Joint Calls

• Apply as reviewer for the scientific assessment of international R&D projects

If you are a national or regional Research Funding Organisation (Ministry or Agency) across Europe or beyond

• Join the **2018/2019 ERA-MIN joint calls** for transnational R&I projects to support the internationalisation of your country’s academia and industry

If you represent a raw materials initiative, a Horizon 2020 project, an industrial association or an international body

• Liaison with ERA-MIN 2 activities to ensure complementarity and avoid duplication of efforts
Coordination/Joint Call Secretariat: FCT– Portugal
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