



RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY



Co-funded by the Horizon 2020 programme
of the European Union

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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:

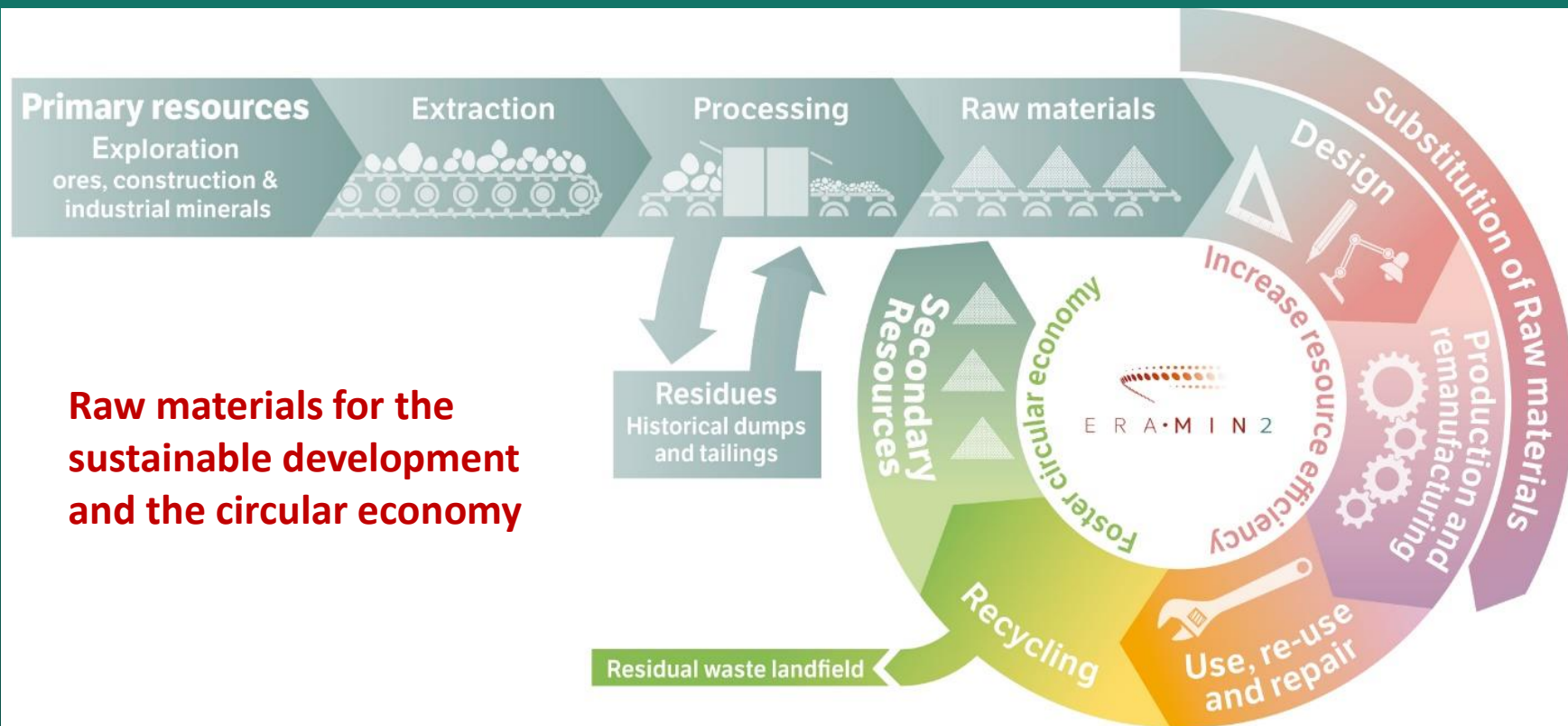
Belgium- Brussels; Belgium-Flanders; Belgium-Wallonia; Finland;
France; Germany; Greece; Italy- Calabria; Ireland; Poland; Portugal;
Romania; Slovakia; Slovenia; Spain; Spain - Castilla y León; Sweden;
Turkey

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.



ERA-MIN Joint Call 2018 – 5 main topics

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

ERA-MIN Joint Call 2018 – main topics and sub-topics

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

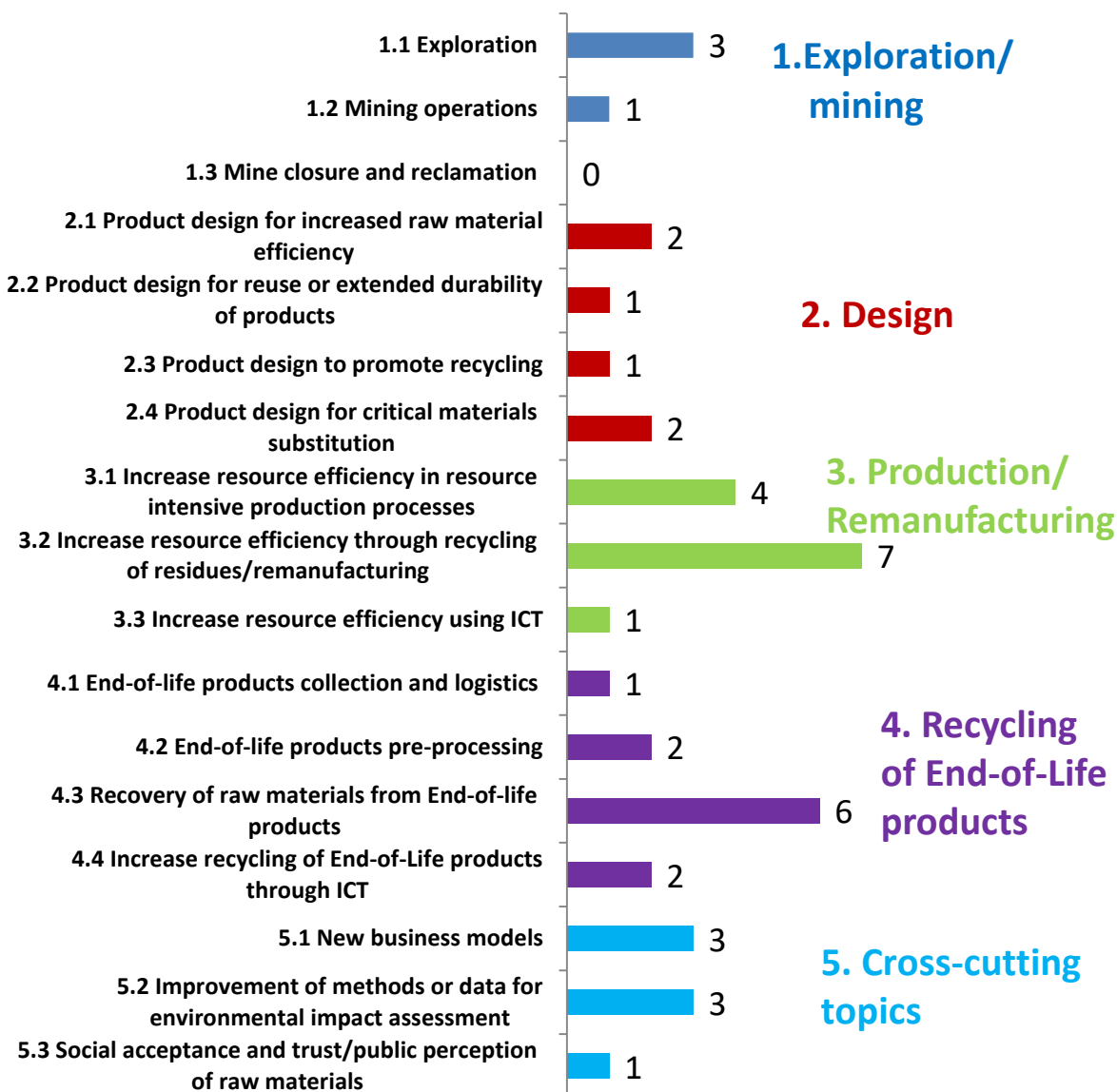


ERA-MIN JOINT CALL 2017 CATALOGUE OF PROJECTS

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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



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