

Pan-European Research & Innovation Funding Programme on Raw Materials



RESEARCH & INNOVATION PROGRAMME
ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY



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

*REMIX Mining Conference
Valladolid, 21 March 2018*

ERA-MIN 2. Consortium

21 public research and innovation funding organisations of EU and non-EU countries/regions

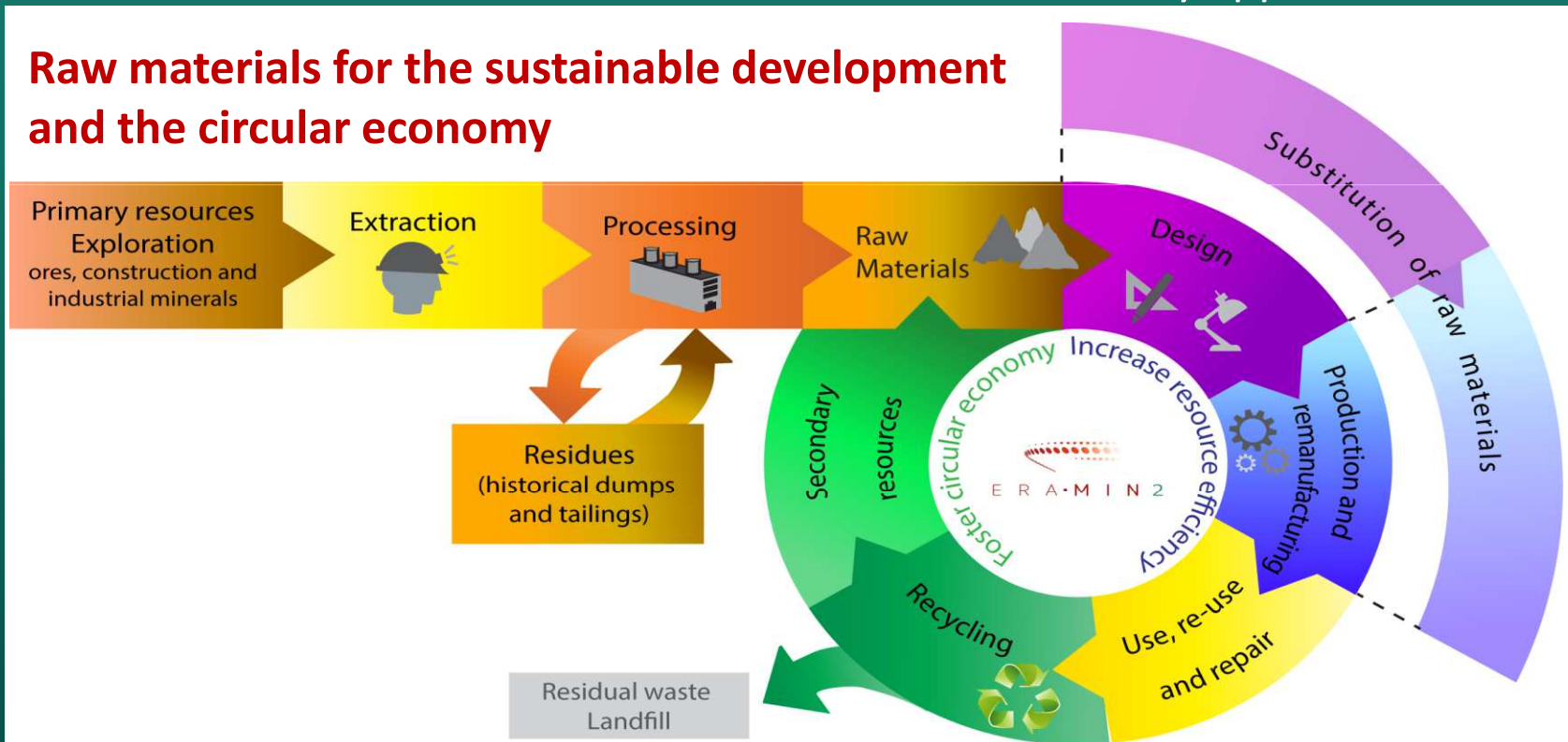
The map shows the following organizations linked to their respective regions:

- South America:**
 - Chile: **CONICYT** (Comisión Nacional de Investigación Científica y Tecnológica)
 - Argentina: **Ministerio de Ciencia, Tecnología e Innovación Productiva** (Presidencia de la Nación)
 - South Africa: **science & technology** (Department of Science and Technology, REPUBLIC OF SOUTH AFRICA)
- Europe & Asia:**
 - Ireland: **Geological Survey** (Suirbhíreacht Gneolaíochta, Ireland | Éireann)
 - Belgium: **ADEME** (Agence de la Recherche et de l'Innovation)
 - France: **ANR** (Agence Nationale de la Recherche)
 - Germany: **fwo** (Opening new horizons)
 - Poland: **FLANDERS INNOVATION & ENTREPRENEURSHIP** (Flanders State of the Art)
 - Sweden: **VINNOVA**
 - Finland: **BUSINESS FINLAND**
 - Spain: **FCT** (Fundação para a Ciência e a Tecnologia)
 - Italy: **Ade** (Agenzia de Innovación, Financiación e internacionalización Empresarial)
 - Slovenia: **REPUBLICA SLOVENIJA, MINISTRSTVO ZA IZOBRAŽEVANJE, ZNANOST IN ŠPORT**
 - Turkey: **TÜBİTAK** (THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY)
 - Other: **BR** (The National Centre for Research and Development), **PTJ** (Projektiranje 2024, Forschungszentrum Jülich), **UEfiscodi**, **M I U T**

ERA-MIN Joint Call 2017 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



ERA-MIN Joint Call 2017 – thematic areas

Five main topics:

1. Supply of raw materials from exploration and mining
2. Design
3. Processing, Production and Remanufacturing
4. Recycling 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 2017

Co-funded Call 2017

- EU co-funding: ca. **5 M€**
- Total call budget ca. **15 M€**

- Launch: **1st February 2017**
- Funding decision: **Jan. 2018**
- Projects start: **1st May 2018**

- **Centralised peer-review** 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.

Summary of ERA-MIN 2 Call

	ERA-MIN Call 2017
Submitted proposals	94 Pre-proposals 35 Full-proposals
Pre-proposals	493 Applicants / 27% Enterprises
Full-proposals	186 Applicants/ 33 % Enterprises
Funded projects (success rate)	16 (17%) 88 Applicants/ 38.6 % Enterprises
Allocated funding	12.3 million €
Projects Start-end date	May 2018 – April 2021

ERA-MIN Joint Call 2018

Submission procedure	One-stage submission procedure (only full proposals)
Call pre-announcement	September 2018
Call opens	31 st October 2018
Full-proposal submission deadline	31 st January 2019
Feedback to applicants	Mid May 2019
Earliest start date of projects	June 2019



Our project ERA-MIN2
was made possible
thanks to #H2020 funding

€30 billion is still
available in the 2018-20
Work Programme!

#InvestEUresearch



Coordination: FCT- Fundação para a Ciência e a Tecnologia – Portugal
(eramin@fct.pt)



Follow us: Website: www.era-min.eu



@eranetmin2



www.linkedin.com/in/era-min-joint-calls-102ba271

ERA-MIN Joint Call 2017 – 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 & 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 material substitution

ERA-MIN Joint Call 2017 – 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 manufacturing
- 3.3. Increase resource efficiency using information & communication technologies (ICT)

4. Recycling of End-of-life products

- 4.1. End-of-life products collection and logistic
- 4.2. End-of-life products pre-processing
- 4.3. Recovery of raw materials from End-of-life products
- 4.4. Increase recycling of End-of –Life products information & communications technologies (ICT)