



RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY



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

Ms. Dina Carrilho
ERA-MIN 2 project coordinator

*Horizon 2020 - SC5 Calls 2019
11 – 12 September 2018 / Bruxelles, Belgium*



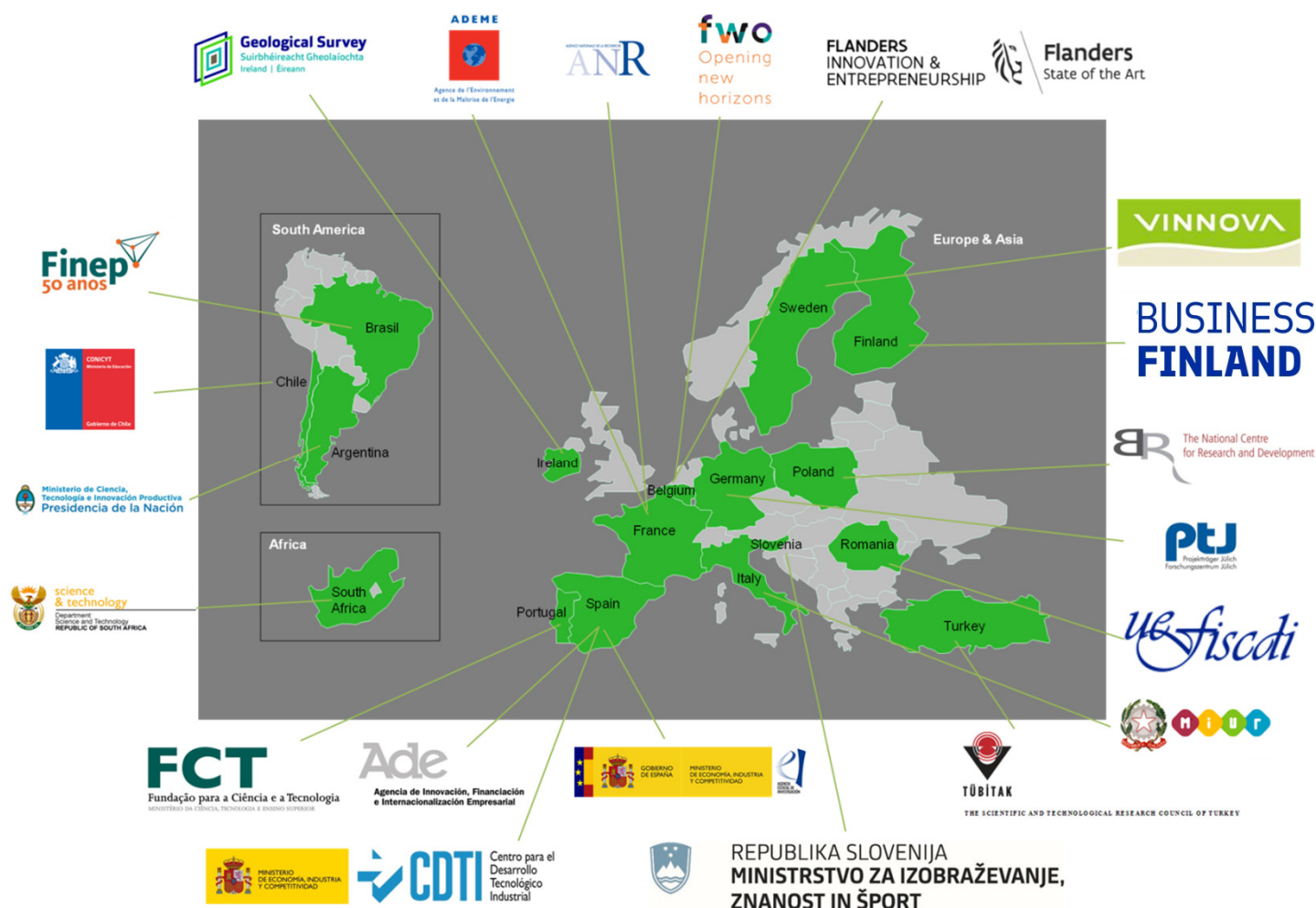
About ERA-MIN 2

- Global, innovative and flexible **pan-European network of 21 public research Funding Organisations from 17 countries/regions**
- **Horizon 2020 ERA-NET Cofund on Raw Materials** (Societal Challenge 5)
- Supports and promotes research and innovation (R&I) cooperation through **world-wide coordinated funding of transnational R&I collaborative projects.**
- Aims to support the **European Innovation Partnership on Raw Materials**, the **EU Raw Materials Initiative** and the **EU's transition to a Circular Economy**
- **Secure the sustainable and responsible industrial supply of primary resources**

ERA-MIN 2 aims to develop the **non-energy and non-agricultural** raw materials sector: **metallic, construction and industrial minerals.**

ERA-MIN 2. Consortium

21 public research and innovation funding organisations of
11 EU Member States countries, 2 EU MS regions,
one EU Associated country
and 4 non-EU countries



EU co-funded ERA-MIN Joint Call 2017

Total call budget ca. 15 Mio €

EU co-funding: ca. 5 Mio €

Launch: February 2017

Funding decision: Jan. 2018

Project's start: May 2018

94 submitted pre-proposals

493 applicants

16 projects selected for funding

88 beneficiaries

34 Enterprises (38.6 %)

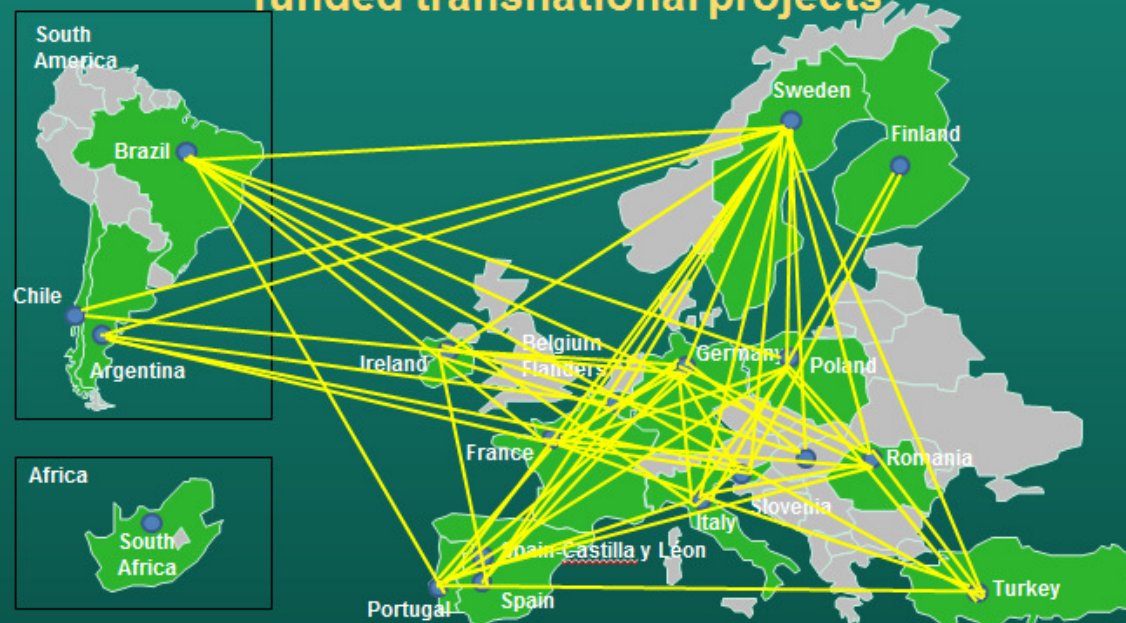
80% academia-industry projects

Total funding: 12.3 Mio EUR

Total Costs: 16 Mio EUR

Project duration: 24-36 months

Partnerships established within the 16 funded transnational projects



Nº countries per project: from 2 to 8

Nº partners per project: from 4 to 11

Project total costs: 0.5 - 1.5 Mio €

Project funding: 0.5 – 1.4 Mio €

Call sub-topics addressed by the 16 funded projects

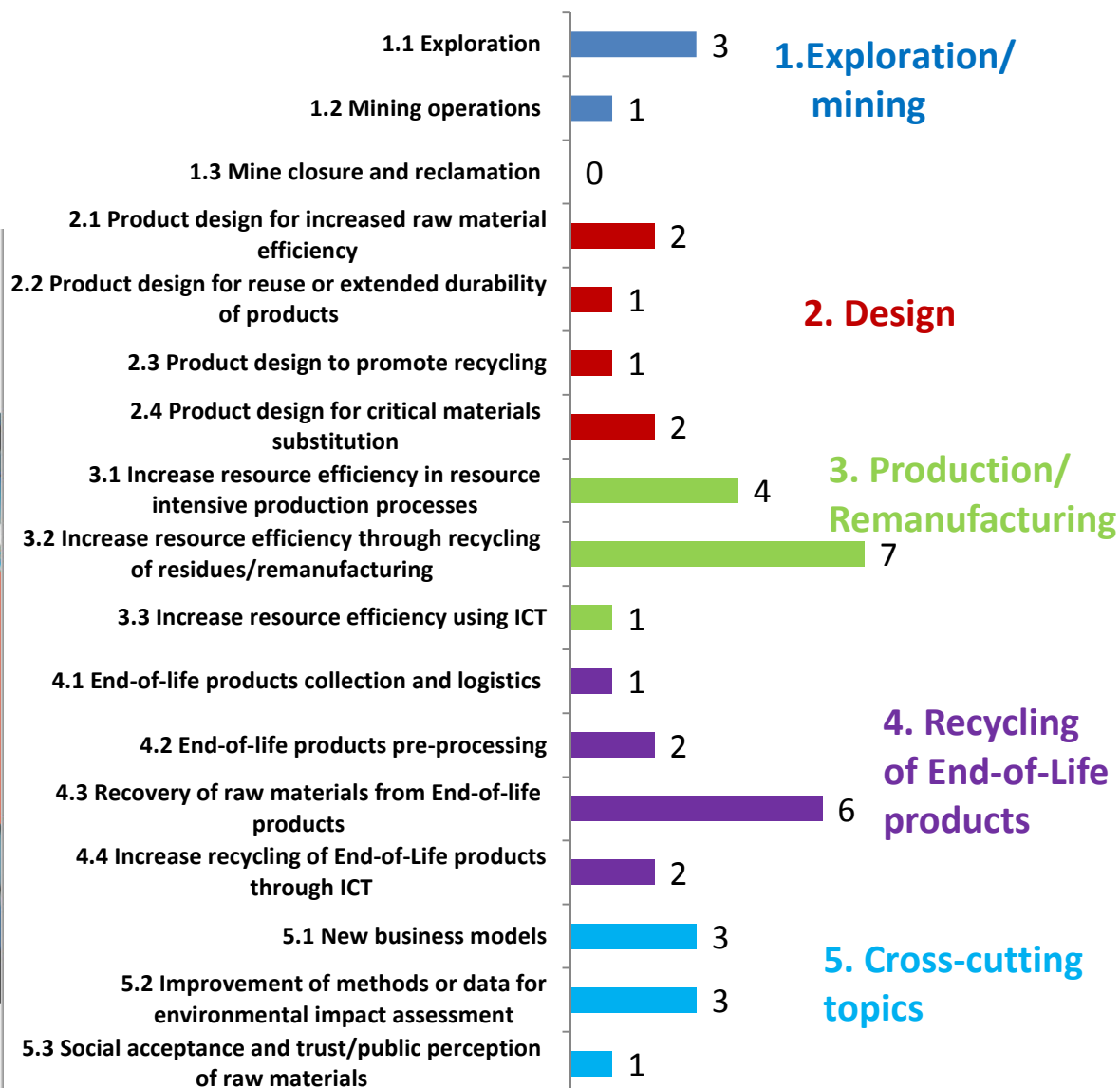


ERA-MIN JOINT CALL 2017 CATALOGUE OF PROJECTS

This project has received funding from European Union's Horizon 2020 programme
under Grant Agreement n°730238.



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ERA-MIN Joint Call 2018 at a glance

- Launch: **31st October 2018**
- Proposal submission deadline: **31st January 2019**
- Funding decision: mid **May 2019**
- Projects start till: **1st Nov. 2019**
- Project duration: **24-36 months**

Participating countries/regions

(to be updated by end of September 2018)

EU Member States or EU Associated countries/regions:

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

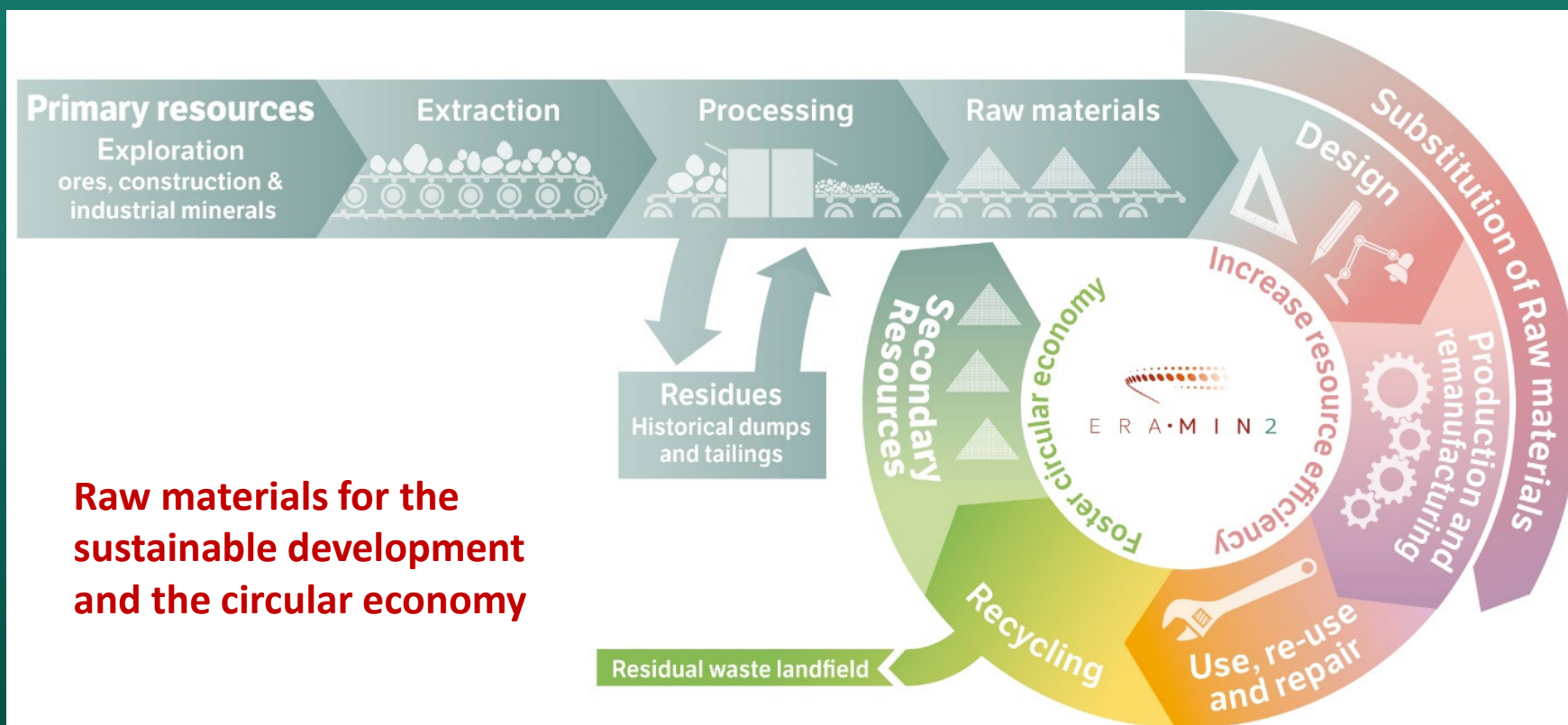
Non-EU countries: Brazil; Chile; South Africa

ERA-MIN Joint Call 2018 at a glance

- **Total call budget ca. 14 M€**
 - Joint application & evaluation but **national/regional funding**
 - **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.
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- **National/regional funding rules and regulations apply:**
 - Not all **topics and sub-topics** are supported by all funding organisations
 - Not all **type of partners** (academia, industry, SMEs, NGOs, public authorities are eligible for funding
 - Not all **type of research** (fundamental, applied research or innovation - Technology Readiness Level TRL between 1 and 9) is eligible for funding

ERA-MIN Joint Call 2018 at a glance

supports **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 – 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 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)



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



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