



EU-Latin America Dialogue on Raw Materials

Diálogo UE-América Latina sobre
materias primas

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Matérias-primas

Argentina, Buenos Aires
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ERA-MIN 2 Joint Call- Main Activities and Results



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Role in ERA-MIN 2: Leader of Work Package on Strengthening the raw materials research community

ERA-MIN 2 - Main Activities and Results



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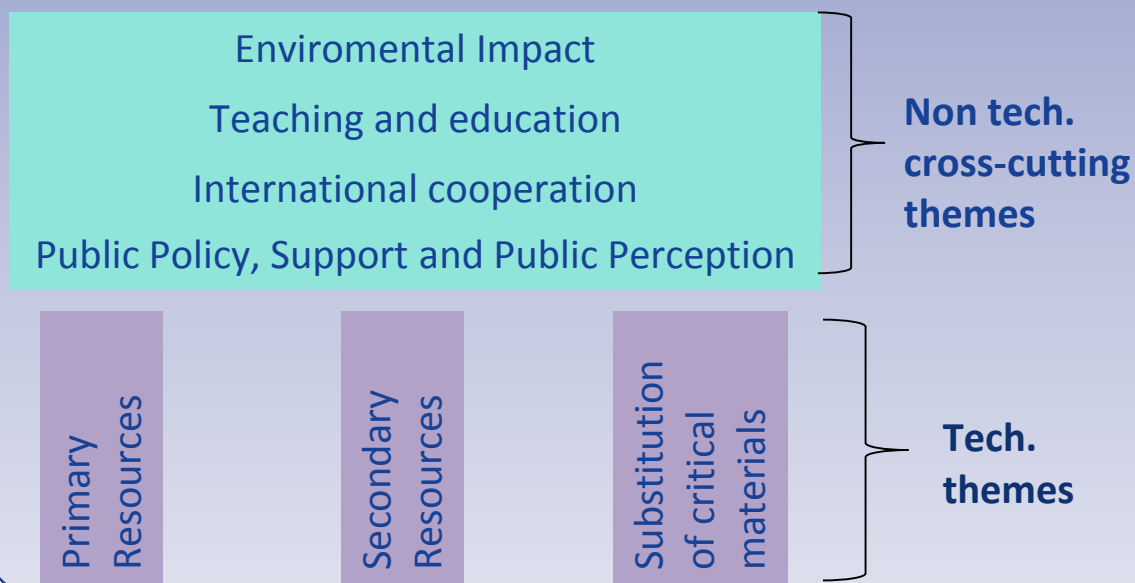
- Background – EU FP7 project ERA-MIN (2011-2015)
- EU Horizon 2020 project ERA MIN 2 (2016-2021) - activities
- ERA-MIN Joint Call 2017 – pre-proposal submission results

Background: EU FP7 project ERA-MIN (2011-2015)



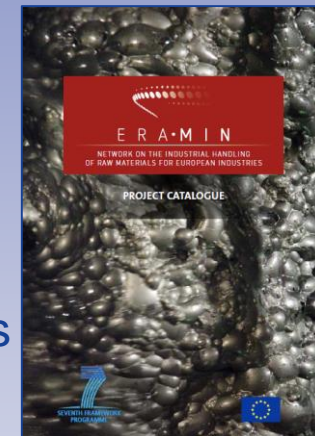
- **Industrial Handling of Raw Materials for European industries**
- **21 partners/associated partners of 15 EU countries + Argentina + South Africa**

ERA-MIN Research Agenda (2013) non-energy, non-agricultural raw materials



3 Joint Calls 2013/2014/2015

- **13,0 M€** of total national public funds
- **17** total R&D funded projects
- 13** projects on **primary resources**
- 7** projects on **secondary resources**
- 2** projects on **substitution** of Critical Raw Materials



ERA-MIN 2 Background



<https://ec.europa.eu/growth/tools-databases/eip-raw-materials/en>

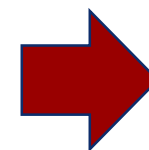
ERA-MIN 2 Introduction

- **ERA-MIN 2** - *Implement a European-wide coordination of research & innovation programs on raw materials to strengthen the industry competitiveness and the shift to a **circular economy***
- Aims to develop the non-energy and non-agricultural raw materials sector: **construction, industrial and metallic minerals.**
- Instrument: **ERA-NET Cofund**
 - Eligible partners are research funding bodies (Ministries, national and regional funding agencies)
 - One Call for proposals co-funded by the European Commission up to 33% of the national/regional funds committed by the ERA-NET partners
- 1st December 2016 – 30th November 2021 - **5 year research programme**

ERA-MIN 2 Objectives

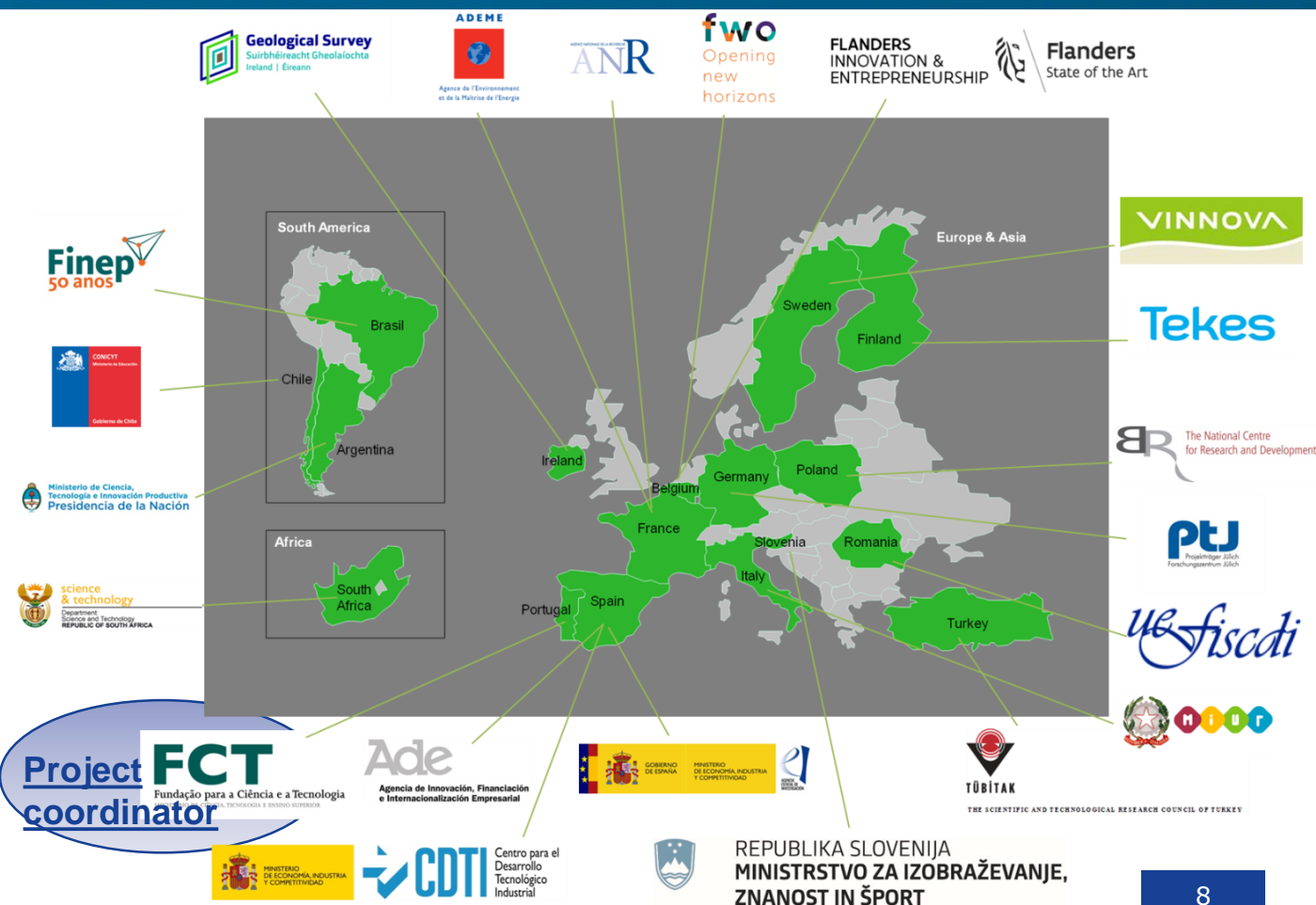


- Enhance and strengthen the synergies, coordination and collaboration of national and regional EU and non-EU public research and innovation (R&I) funding programmes.
- Support and promote R&I cooperation in the area of **non-energy non-agricultural raw materials**.
- Improve the efficiency and impact of human and financial investment in R&I activities to strengthen the industry competitiveness and the **shift to a circular economy**.
- Reduce the fragmentation of R&I funding across Europe and globally through the implementation of **3 joint calls for transnational R&I proposals**.



30 R&I projects
30 million Euro

ERA-MIN 2 consortium

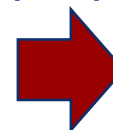


21 public funding organisations:

- 11 EU Member States countries: Finland, France, Germany, Ireland, Italy, Poland, Portugal, Romania, Slovenia, Spain and Sweden;
- 2 EU MS regions: Belgium-Flanders and Spain-Castille y León
- 1 EU Associated Country: Turkey
- 4 non-EU countries: Argentina, Brazil, Chile and South Africa

ERA-MIN 2 - Main Activities

- 2017 - Launch **one joint transnational call with EU co-funding**
- 2018 & 2019 - Launch **additional joint calls** for transnational R&I proposals **only with national/regional funds** without EU co-funding
- Cooperation with initiatives, projects and associations related to raw materials to ensure complementarity and avoid duplication of efforts.
- Organise joint workshops and matchmaking events with other ministries and funding agencies to facilitate international cooperation.



Funding organisations from **other countries and regions from EU and outside EU** are invited to join



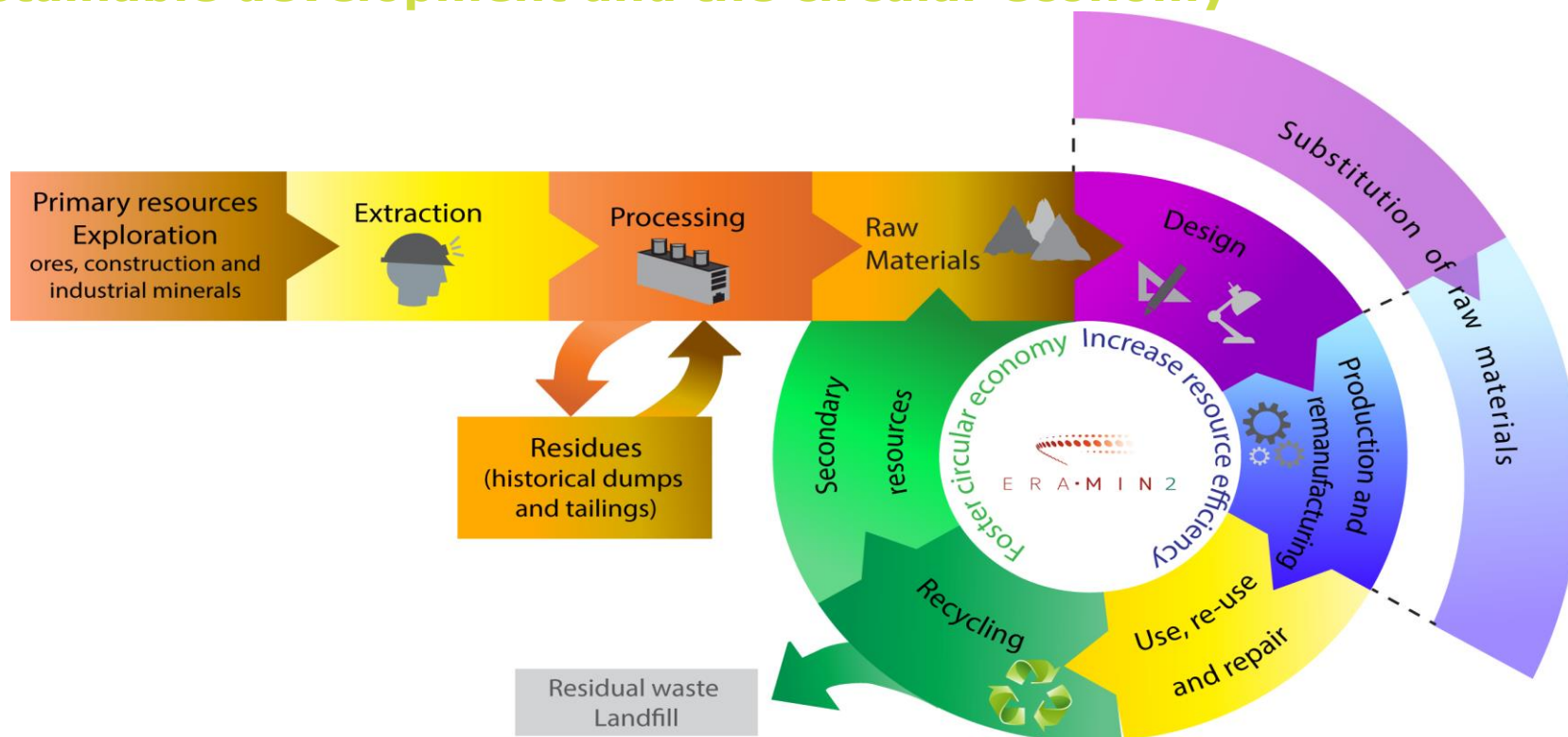
2021 - 24 Associated partners/Observer organisations:

- 18 from European countries
- 6 from non-European countries

ERA-MIN Joint Call 2017 - scope

Raw materials for the sustainable development and the circular economy

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 2017 – call procedures

Raw materials for the sustainable development and the circular economy

- Total call budget: ca. **15 million** , including ca. **5 M€** EU co-funding
- Joint application & evaluation but **national/regional funding**
- **National and regional priorities apply**
- Call open: **1st February 2017**
- **Pre-proposal deadline: 5th May 2017**
- Funding decision: **Jan. 2018**, Projects start: **May 2018**;
- **Centralised peer-review** based on the 3 main H2020 evaluation criteria: **Excellence, Impact and Implementation.**
- Selection of projects following a **ranking list** recommended by the Scientific Evaluation Board (independent experts)



ERA-MIN Joint Call 2017 – preliminary results



	ERA-MIN Call 2017	Call 2015	Call 2014	Call 2013
Scope	Raw materials for the sustainable development and the circular economy	Sustainable Raw Materials Supply in Europe	Sustainable Raw Materials Supply in Europe	Sustainable and responsible supply of primary resources
Main call thematic areas	<ol style="list-style-type: none"> 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 (New business models; Improvement of methods or data for environmental impact assessment; Social acceptance and trust/public perception of raw materials) 	<ol style="list-style-type: none"> 1. Primary resources 2. Secondary resources (recycling) 3. Substitution of Critical Raw Materials 	<ol style="list-style-type: none"> 1. Primary resources 2. Secondary resources (recycling) 3. Substitution of Critical Raw Materials 	<ol style="list-style-type: none"> 1. Primary resources

ERA-MIN Joint Call 2017 – preliminary results



	ERA-MIN Call 2017	Call 2015	Call 2014	Call 2013
Participating Funding bodies and Countries / Regions	<u>21 funding organisations</u> 12 EU/associated countries: 2 EU regions: 4 non-EU countries: Argentina, Brazil, Chile, South Africa	<u>13 funding org.</u> 10 EU/associated countries 2 non-EU countries: Argentina, South Africa	<u>12 funding org.</u> 10 EU/associated countries 2 non-EU countries: Argentina, South Africa	<u>5 funding org.</u> 5 EU countries
Total Call budget	15 million € (including EU co-funding of 5 million €)	8 million €	7.7 million €	3.9 million €
submission procedure	Two-stage submission procedure: pre-proposal and full-proposal	One-stage: full-proposal	One-stage: full-proposal	One-stage: full-proposal

ERA-MIN Joint Call 2017 – preliminary results

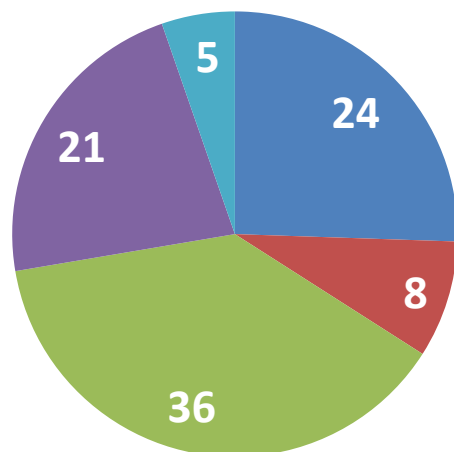


	ERA-MIN Call 2017	Call 2015	Call 2014	Call 2013
Submitted proposals	94 pre-proposals	23 full proposals	21 full proposals	18 full proposals
Applicants	493 applicants	126 applicants	83 applicants	67 applicants
Enterprises participation	27%	30 %	22 %	26 %
Funded projects (sucess rate)	Mid January 2018	6 (26 %)	7 (33.3 %)	4 (22.2%)
Allocated funding	Mid January 2018	5.1 million €	5.1 million €	2.8 million €
Projects Start-end date	May 2018 – April 2021	Jan.2016-Dec. 2018	Jan.2015-Dec.2017	Jan. 2014-Dec. 2016

ERA-MIN Joint Call 2017 – distribution by topic

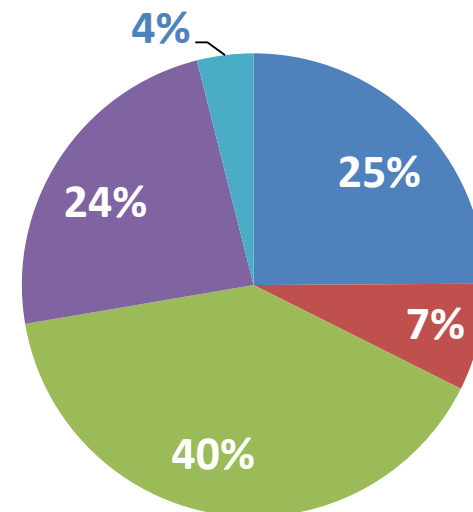


94 pre-proposals



- Topic 1
- Topic 2
- Topic 3
- Topic 4
- Topic 5

Total costs: 81.2 million €

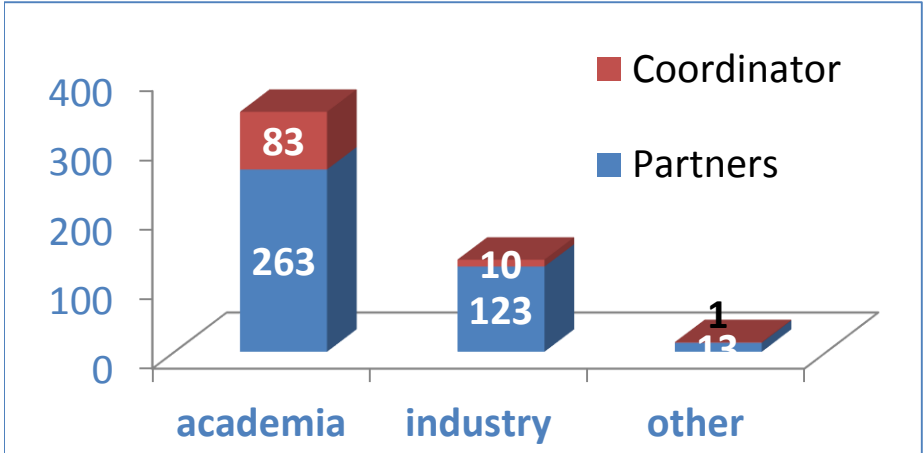


Pre-proposals could address one of the five main topics and any sub-topic!



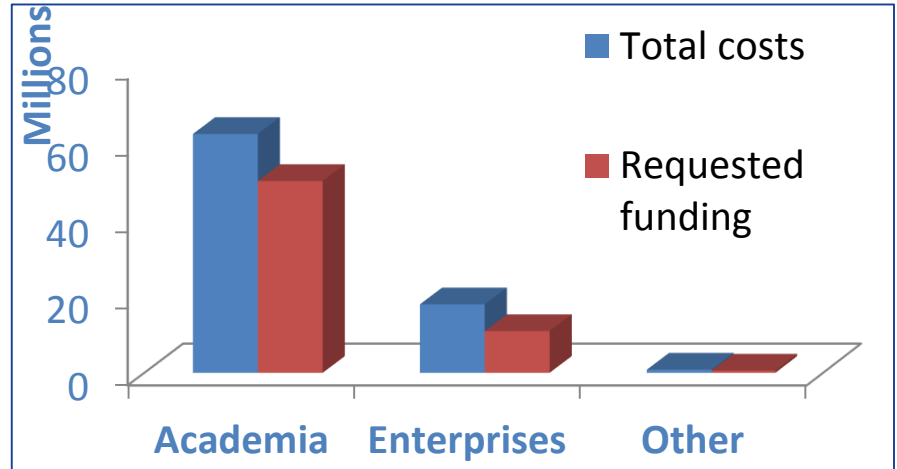
ERA-MIN Joint Call 2017 – distribution by type of organisation

PRE-PROPOSALS
493 total applicants



27% applicants are from enterprises

Total costs: 81.2 million €
Total requested funding: 61.7 million €



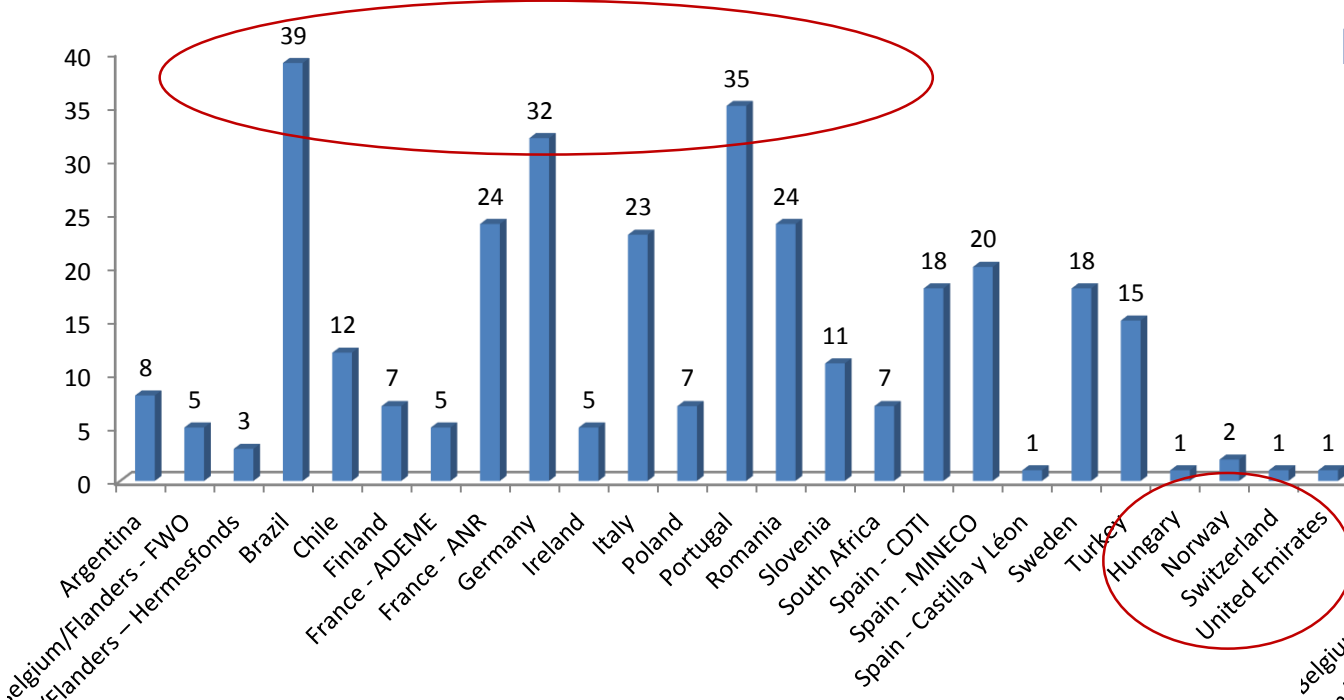
22% of total costs are from enterprises



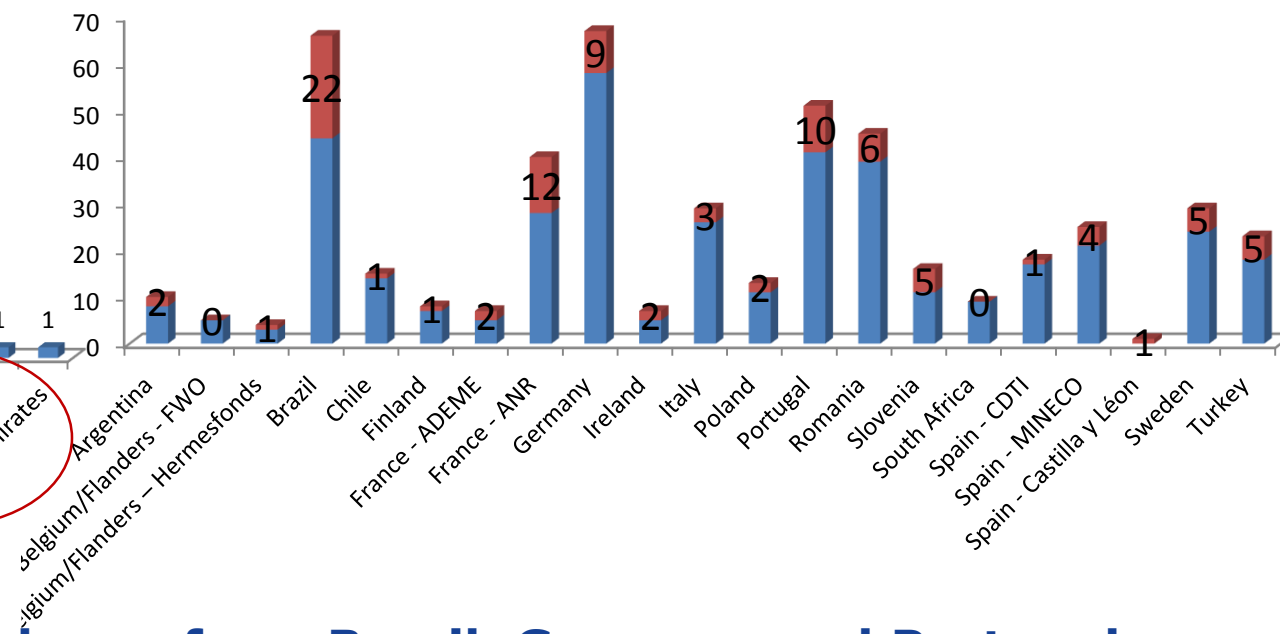
ERA-MIN Joint Call 2017 – distribution by country



Nº pre-proposals by country



Nº applicants (coordinator/partner) by country



The highest nº of submitted pre-proposals are from Brazil, Germany and Portugal

ERA-MIN 2 Joint Call- more information



- ERA-MIN Call 2017 results will be made public at website: **<https://www.era-min.eu>**
- More information on the 17 **ERA-MIN funded projects**: <https://www.era-min.eu/results>
- **ERA-MIN Research Agenda** : <https://www.era-min.eu/publications> or <https://hal.archives-ouvertes.fr/insu-00917653/>
- Follow us on Twitter: @eranetmin2

and LinkedIn: <https://www.linkedin.com/in/era-min-joint-calls-102ba271>

ERA-MIN 2 - Contacts



- ERA-MIN 2 project coordinator / Joint Call Secretariat
 - FCT – Fundação para a Ciência e a Tecnologia (Portugal)
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Muchas gracias!

Obrigado!

Thank you!