



E R A • M I N 2

RESEARCH & INNOVATION PROGRAMME
ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY

ERA-MIN 2

Boosting the R&I area in the field of Raw Materials

Ms. Dina Carrilho, Department of International Relations

FCT

Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR

Horizon 2020 Portuguese Raw Materials Infoday, 31 October 2017, Lisbon

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



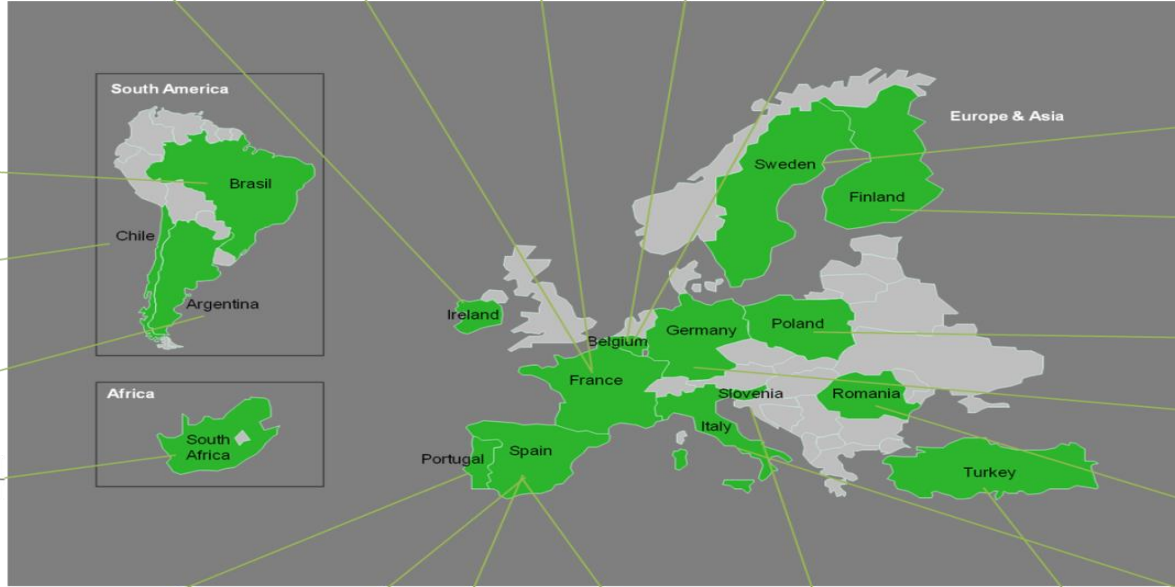
ERA-MIN 2

- Title: Implement a European-wide coordination of **research and innovation programmes** on **Raw Materials** to strengthen the Industry competitiveness and the **shift to a circular economy**
- Funding scheme: Horizon 2020 **ERA-NET Cofund** (SC5-17-2016)
- Total costs: **16 million Euro**
- EU contribution: **5 million Euro**
- Duration: **60 months** (1st December 2016 - 30th November 2021)
- **21** public research and innovation **funding organisations** (Ministries and funding agencies) from **17** countries/regions



Pan-European consortium

ERA·MIN2



REPUBLICA SLOVENIJA
MINISTRSTVO ZA IZOBRAŽEVANJE,
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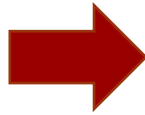


OBJECTIVES

- **Secure the sustainable and responsible industrial supply of raw materials** in support of the EU integrated strategy “Raw Materials Initiative” (2008) and the European Innovation Partnership on Raw Materials
- Enhance and strengthen the **synergies, coordination and collaboration** of **public research and innovation (R&I) funding programmes** from EU and non-EU countries and regions
- Support and promote R&I cooperation in the area of **non-energy non-agricultural raw materials (construction, industrial and metallic minerals)**

OBJECTIVES

- 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



Main activities

- **2017** - one Joint Call for R&I projects with EU co-funding
- **2018 and 2019** –two Joint Calls for transnational R&I proposals (*without EC co-funding*) OPEN to participation of funding organisations from other countries and regions
- **2018-2021** – Follow-up of funded projects (including ERA-MIN projects). Organise mid-term and final Workshops



ERA-MIN Joint Call 2017

- **Joint Call for R&I projects with EU co-funding by 1st February 2017.**
Total Call budget including EU co-funding: **15 million Euro**
- **Call topics** based on the challenges and priorities identified in the **ERA-MIN Research Agenda (2013)** that support the transition to a **circular economy**
- **Centralised peer-review** by Scientific Evaluation Board based on 3 main evaluation criteria: **Excellence, Impact and Implementation.**
- Selection of projects following the **ranking list** recommended by the Scientific Evaluation Panel.

	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

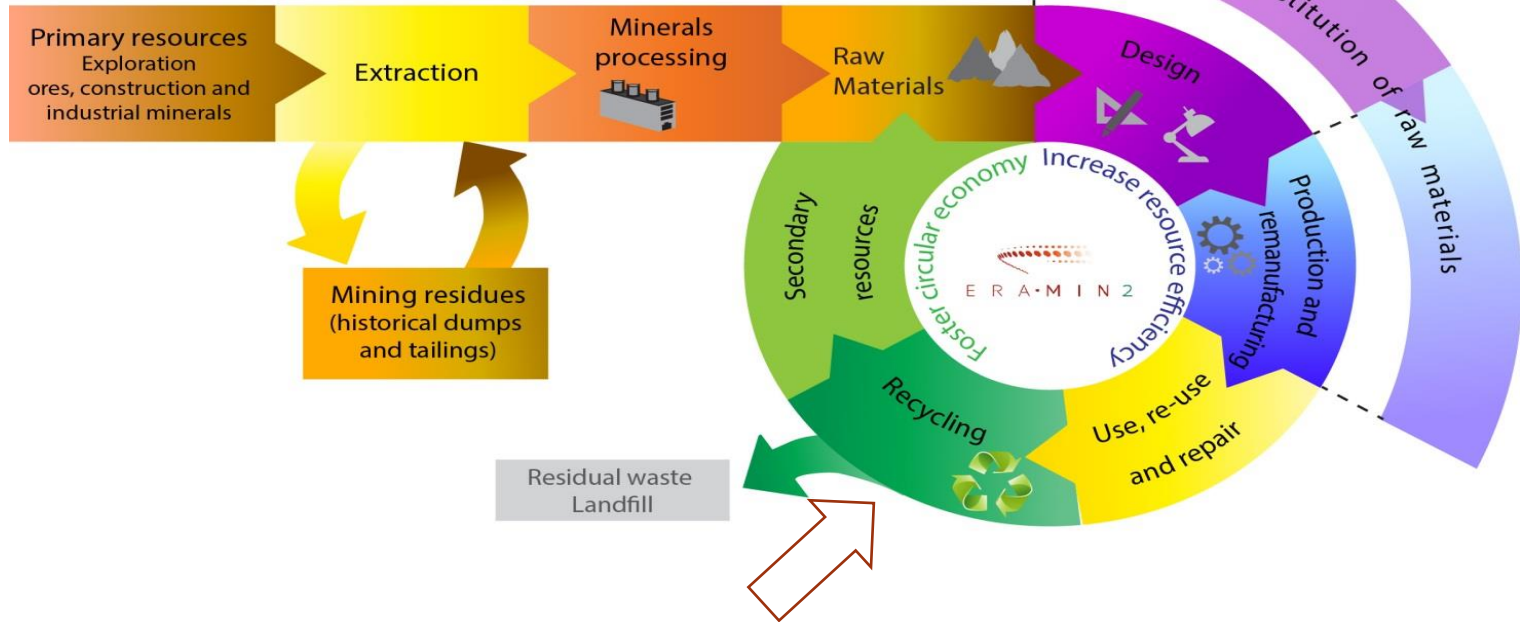




ERA-MIN Joint Call 2017

ERA-MIN 2

SCOPE: needs-driven research
non-energy, non-agricultural raw materials
construction, industrial and metallic minerals





Joint Call 2017 - Cross-cutting topics

Increase resource efficiency





	ERA-MIN Call 2017	Call 2015	Call 2014	Call 2013
Participating funding org. and countries / regions	21 funding organisations 11 EU Member-States 1 EU Associated country 2 EU regions: 4 non-EU countries: Argentina, Brazil, Chile, South Africa	13 funding org. 10 EU/Associated countries 2 non-EU countries: Argentina, South Africa	12 funding org. 10 EU/Associated countries 2 non-EU countries: Argentina, South Africa	5 funding org. 5 EU countries
Total call budget	15 million € (includes 5 million € of EU co-funding)	8 million €	7.7 million €	3.9 million €
Submission procedure	Two-stage submission procedure: pre-proposal (Stage 1) and full-proposal (stage 2)	One-stage: full-proposal	One-stage: full-proposal	One-stage: full-proposal



Joint Call 2017 at a glance

- Joint application & evaluation but **national/regional funding**
- **National and regional priorities apply** – not all topics are supported by all funding organisations
- **Funding rules and regulations apply:**
 - eligible partners from **academia, industry, SMEs, NGOs, public authorities** from the participating countries/regions
 - **Eligible type of research: fundamental and applied research** (Technology Readiness Level **TRL 1-9**)

Joint Call 2017 at a glance

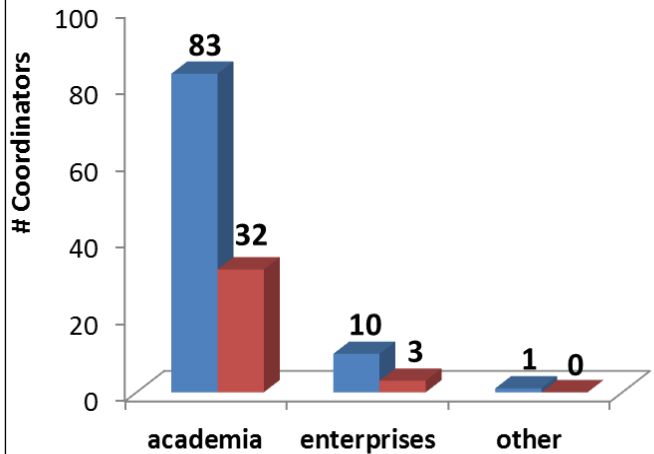
- **Partnerships academia-industry** are particularly encouraged to apply. Other types of consortia (e.g. purely industrial or academic) may also apply.
- Consortia of **2-7 partners** from **2-7 countries** (Minimum 2 EU Member States or Associated Countries) participating in the call
- **Average total project requested funding:** 0.3 -1 million Euro
- **Project duration:** between 12 and 36 months.

	ERA-MIN Call 2017	Call 2015	Call 2014	Call 2013
Submitted proposals	94 pre-proposals 35 full-proposals	23 full-proposals	21 full-proposals	18 full-proposals
Pre-proposals	493 applicants /27% enterprises	126 Applicants/ 30% Enterprises	83 Applicants/ 22% Enterprises	67 Applicants/ 26% Enterprises
Full-proposals	186 applicants /33 % enterprises			
Funded projects (success 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.16- Dec. 18	Jan.15- Dec.17	Jan. 14- Dec. 16



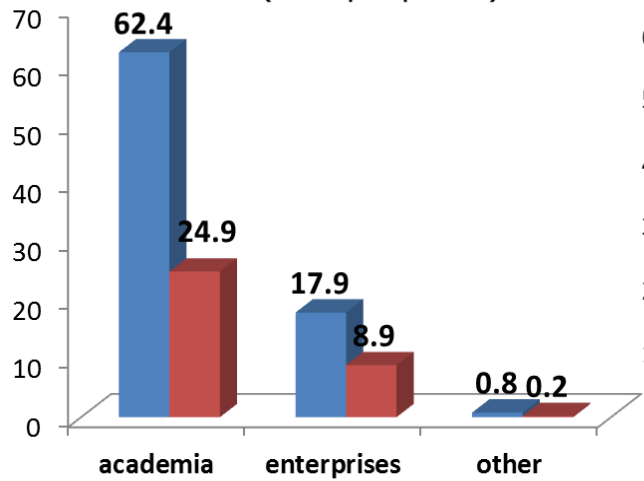
Joint Call 2017 at a glance

94 Pre-proposals
35 Full-proposals



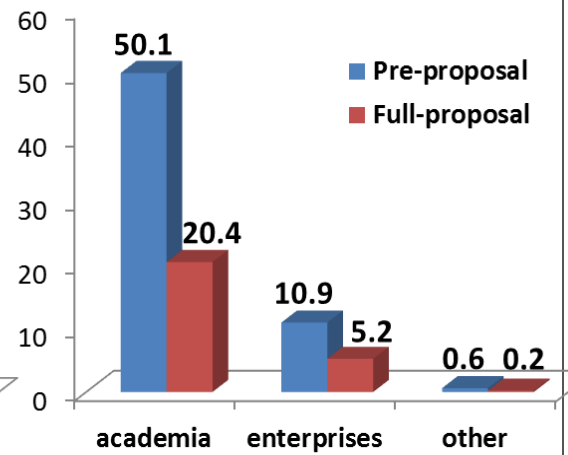
Total costs:

81.2 million € (Pre-proposal)
34 million € (Full-proposal)

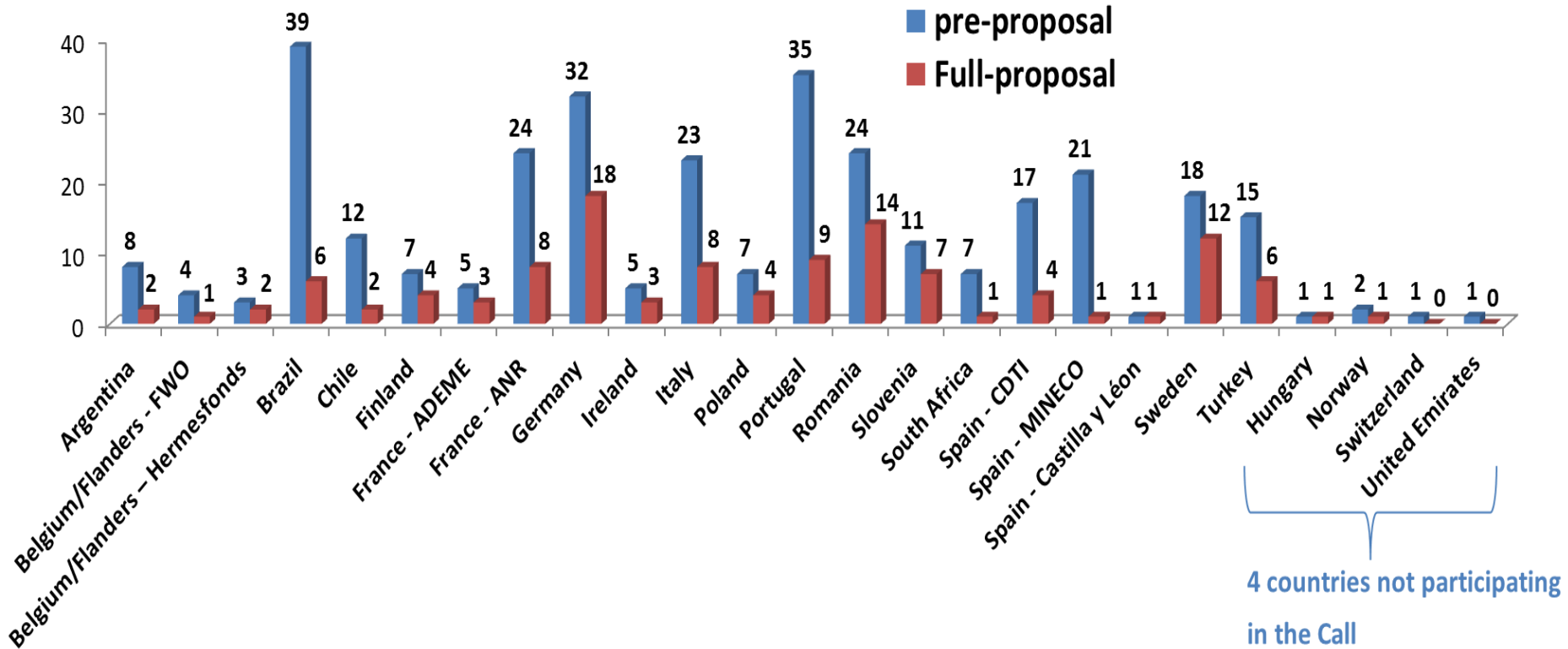


Requested funding:

61.7 million € (Pre-proposal)
25.7 million € (Full-proposal)

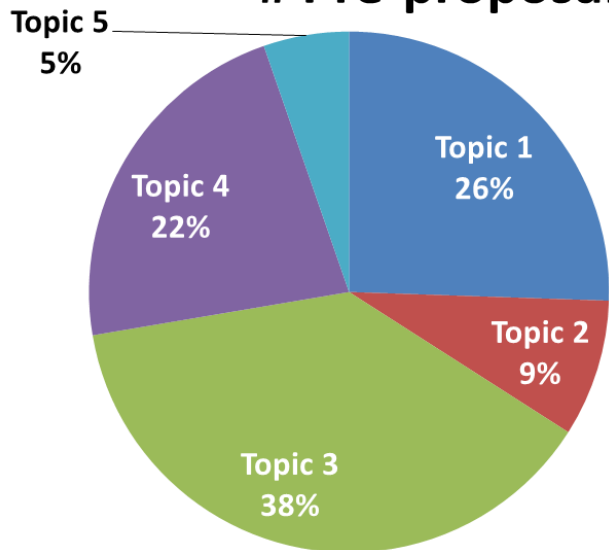


Joint Call 2017 at a glance

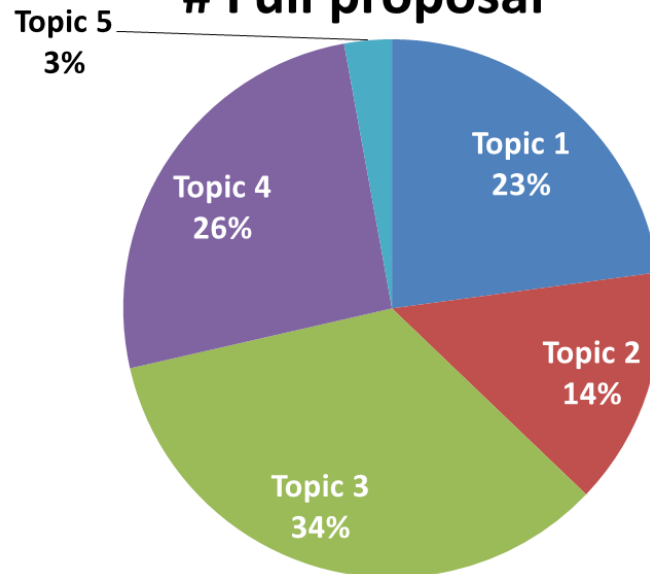


Joint Call 2017 at a glance

Pre-proposal

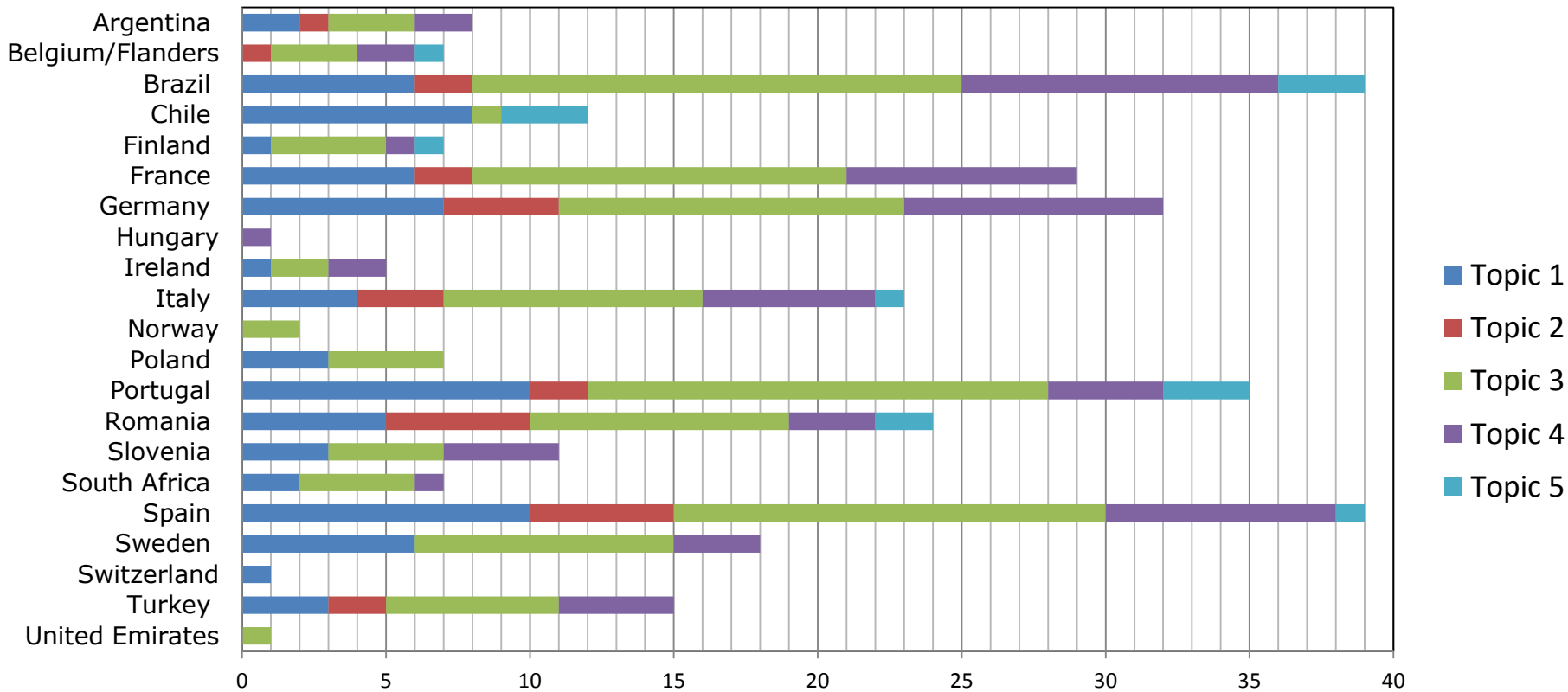


Full proposal





Joint Call 2017 at a glance



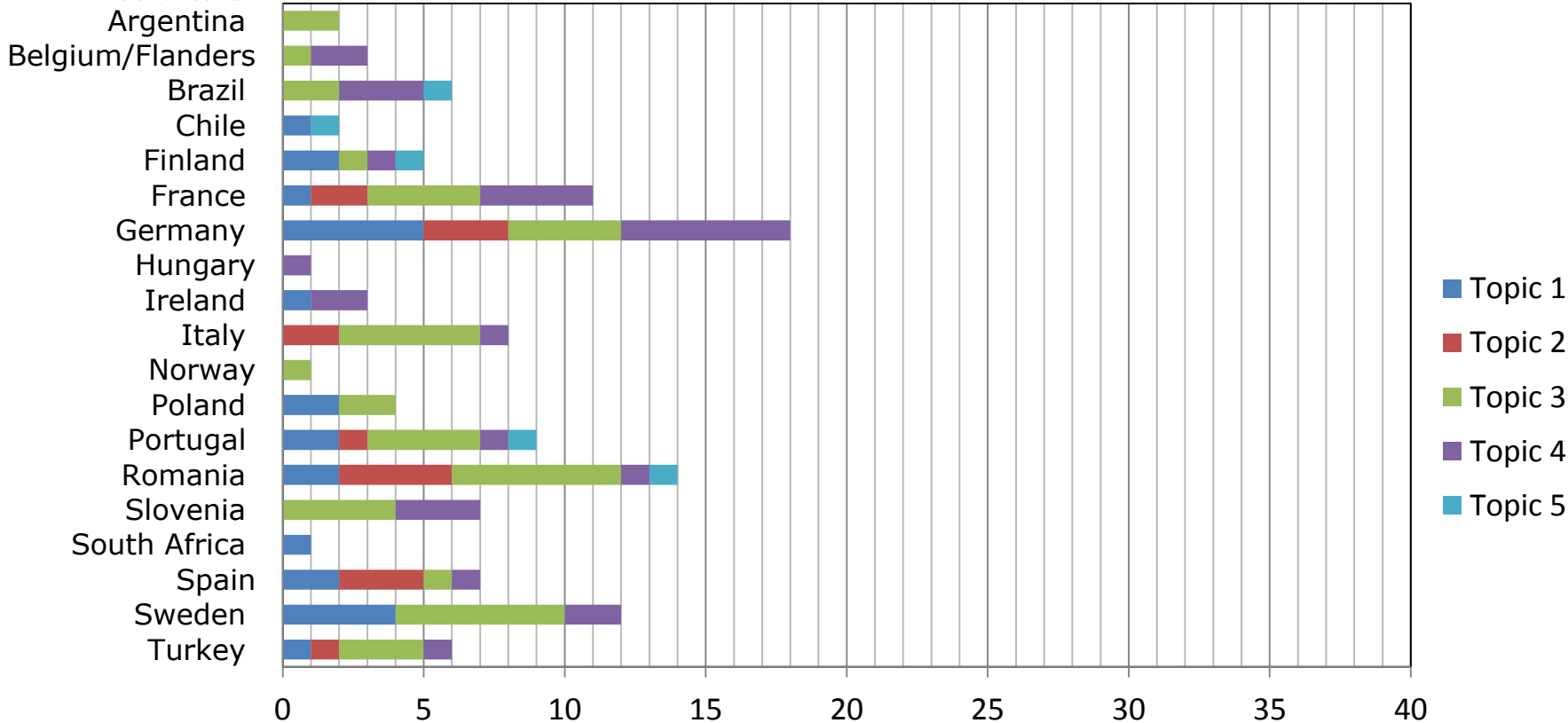
Pre-proposals





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Joint Call 2017 at a glance



Full-proposals



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Further information:

Ms. Dina Carrilho
ERA-MIN 2 project coordinator
Email: eramin@fct.pt

Website: www.era-min.eu

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