



ERA-MIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

ERA-MIN 2 is a public-public partnership, based on the ERA-NET Cofund scheme supported by European Commission's Horizon 2020, for five years since 2016, to 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.

The ERA-MIN 2 main objective is to enhance and strengthen the coordination of research and innovation programmes, from EU and beyond, in the field of **non-energy, non-agricultural raw materials (construction, industrial and metallic minerals)** in line with the integrated strategy EU Raw Materials Initiative and the Strategic Implementation Plan of the European Innovation Partnership on Raw Materials. With this aim, ERA-MIN 2 has the goal to implement **3 joint calls** for collaborative transnational R&I projects between 2017 and 2019.

51 proposals submitted to the ERA-MIN Joint Call 2018

51 transnational R&I proposals were submitted by the deadline, involving **280 applicants** of which **62 enterprises** (22%), requesting in total €36 million of public funds and with a total cost of €49 million.

The joint call had the participation of 24 funding organisations from EU and non-EU countries/regions, the one-step proposal submission was open from 31st October 2018 until 31st January 2019 and was focused on needs-driven R&I on all aspects of the non-energy non-agricultural raw materials (ores, construction, industrial minerals) life cycle, covering both primary and secondary resources and substitution of critical raw materials in a circular economy approach. The five main thematic areas of the call were:

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.** Proposals within this topic were expected to propose non-technological innovations regarding:
 - New business models,
 - Improvement of methods or data for environmental impact assessment,
 - Social acceptance and trust/public perception of raw materials.

The submitted proposals will be subjected to a general and a regional/national eligibility before the independent assessment by the Scientific Evaluation Board, which will be composed of international experts in the field. The Call Steering Committee will decide which projects will receive funding based on the ranking list and the available national/regional budgets. The results are expected to be sent to the proposal coordinators in May 2019.

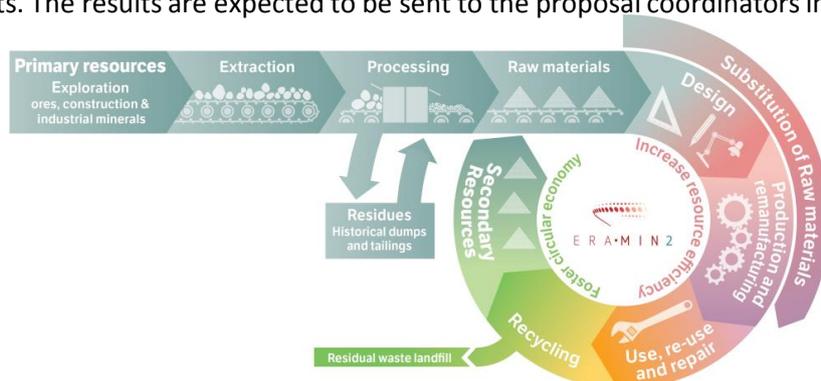


Figure 1: Circular Economy

Main results of ERA-MIN Joint Call 2017

The European Commission has co-funded with €5 million the €15 million joint call jointly implemented by the 21 ERA-MIN 2 funding organisations, from EU and non-EU countries/regions, focusing on needs-driven R&I on all aspects of the **non-energy, non-agricultural raw materials (ores, construction, industrial minerals)** life cycle, covering both primary and secondary resources and substitution of critical raw materials in a circular economy approach.

16 transnational R&I proposals out of 94 were recommended for funding, with a **total request of €12.3 million of public funds** and with a **total cost of €16 million**, involving 88 applicants of which 34 enterprises (39%). The projects started in May 2018 for 2 to 3 years. Further information of this call is available at [ERA-MIN 2 webpage](#)

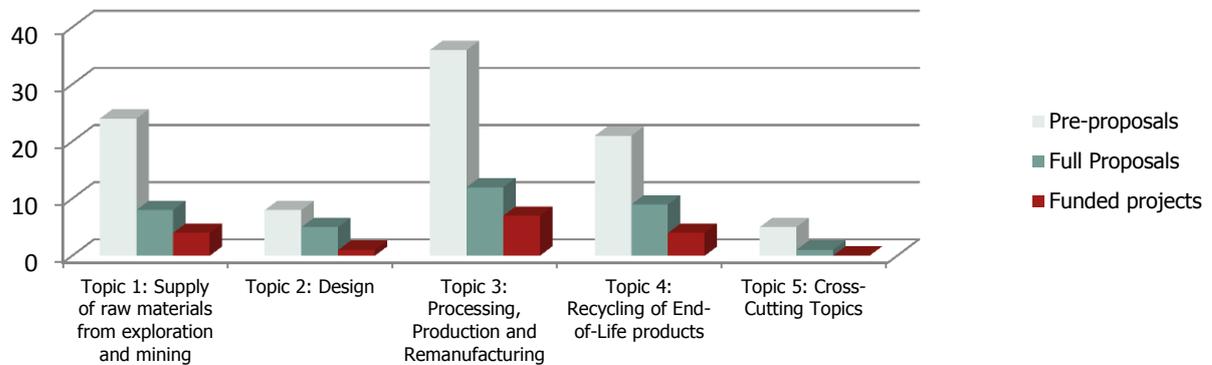


Figure 2: Number of pre-proposals, full-proposals and funded projects per topic.

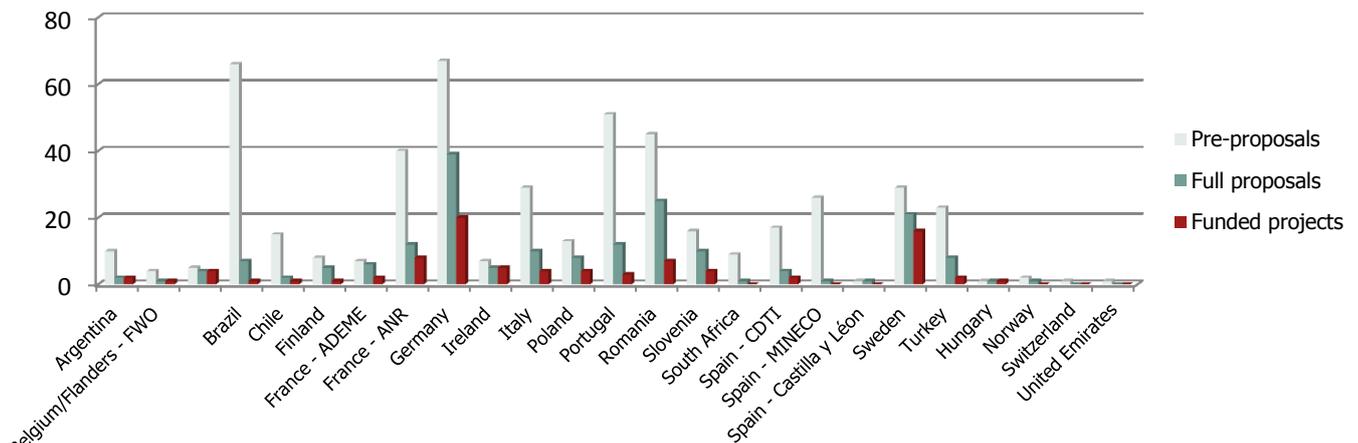


Figure 3: Number of applicants per country/region at pre-proposal stage, full proposal stage and funded projects

ERA-MIN Joint Calls 2013 & 2014: Main results of the funded projects

The main outcomes of the projects funded under the first two calls (2013 and 2014) are now published.

These projects have produced 5 patents/licenses and 1 start-up company.

The report shows that 38 and 69 young researchers were involved in projects of call 2013 and call 2014, respectively which represent 40% and 36% of the total researchers participating in these projects. Another aspect to be highlighted is the fact that 49% and 44% of the researchers involved in the projects of call 2013 and call 2014, respectively, are female which represent a good indicative of gender balance.

The main outcomes and further statistics are available at [ERA-MIN 2 webpage](#).

Further information

[Boost Section](#) – ERA-MIN 2 offers an open space for comments about the needs and barriers identified in ERA-MIN 2.

[Events Section](#) – Next events:

3rd International Critical Metals Conference:
Edinburgh 30/04/2019 – 02/05/2019

Raw Materials Summit 2019:
Berlin 20/05/2019 – 22/05/2019

World Circular Economy Forum:
Helsinki 03/06/2019 – 05/06/2019

EuroNanoForum 2019:
Bucharest 12/06/2019 – 14/06/2019

15th Mining Forum 2019:
Berlin 27/06/2019 – 28/06/2019

More information at www.era-min.eu

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