

## Second pre-announcement ERA-MIN Joint Call 2019

“Raw materials for the sustainable development and the circular economy”

### Important dates

- **November 15, 2019** – Publication of Call documents
- **November 28, 2019** - Call for proposals opens
- **March 12, 2020** - Call for proposals ends
- **April 16, 2020** - Communication to non-eligible applicants
- **June 30, 2020** - Communication of Call results
- **December 1, 2020** - Latest date for project start

ERA-MIN 2 is a Pan-European, global, innovative and flexible network of 21 public research and innovation funding organisations of EU countries and regions and non-EU countries that aims to develop the **non-energy and non-agricultural raw materials** sector: **metallic, construction and industrial minerals**. ERA-MIN 2 has successfully implemented two joint calls (2017 and 2018) for collaborative R&I projects and as a result a total of 28 transnational projects were supported with €21.1 million of public funding and €28.7 million total costs. This joint call will be implemented without EU co-funding and with only national and regional funds of EU and non-EU funding organisations.

### 2019 Call scope and topics

**The scope** of the 2019 Joint Call is needs-driven research addressing all aspects of the non-energy non-agricultural raw materials life cycle covering both primary and secondary resources. The thematic areas and sub-topics are:

- 1. Supply of raw materials from exploration and mining**
  - i. Exploration*
  - ii. Mining operations*
  - iii. Mine closure and reclamation*
- 2. Design**
  - i. Product design for increased raw material efficiency*
  - ii. Product design for reuse or extended durability of products*
  - iii. Product design to promote recycling*
  - iv. Product design for critical materials substitution*
- 3. Processing, Production and Remanufacturing**
  - i. Increase resource efficiency in resource intensive production processes*
  - ii. Increase resource efficiency through recycling of residues or remanufacturing of used products and components*
  - iii. Increase resource efficiency using information and communication technologies (ICT)*
- 4. Recycling and Re-use of End-of-Life Products**
  - i. End-of-life products collection and (reverse) logistics*
  - ii. End-of-life products pre-processing: pre-treatment, dismantling, sorting, characterisation,*
  - iii. Recovery of raw materials from End-of-life products*
  - iv. Increase recycling of End-of-Life products through information and communication technologies (ICT)*
- 5. Cross-cutting topics**
  - i. New business models (implementing circular economy aspects)*
  - ii. Improvement of methods or data for environmental impact*
  - iii. Social acceptance and trust/public perception of raw materials*

We encourage proposals that integrate cross-cutting topics if supported by their funding organisations.



## Participating countries and regions

Below the list of research funding organisations participating in the call and their indicative budget commitments. Please note that funding organisations marked with \* are pending confirmation.

Country /Region	Funding Organisation	Indicative budget commitment (Euro)
Belgium/ Brussels	Innoviris	500 000
Belgium/ Flanders	FWO	200 000
Belgium/ Flanders	Hermesfonds /VLAIO	1 000 000
Belgium/ Wallonia	SPW-Wallonia	300 000
* Canada/ Québec	FRQNT	
* Chile	CONICYT	
Czech Republic	TA CR	1 000 000
Finland	Business Finland	1 000 000
France	ADEME	500 000
France	ANR	500 000
Greece	GSRT	500 000
Poland	NCBR	600 000
Portugal	FCT	500 000
Romania	UEFISCDI	600 000
Slovakia	SAS	120 000
Slovenia	MIZS	420 000
South Africa	DST	400 000
* Spain	AEI	
* Spain/ Andalucía	IDEA	
* Spain / Castilla y León	ICE	
Sweden	Vinnova	500 000
* Turkey	TUBITAK	

For further information, please contact the Joint Call Secretariat ([eramin@fct.pt](mailto:eramin@fct.pt))  
 More information will be available at <https://www.era-min.eu/joint-call/era-min-joint-call-2019>

