

EU co-funded ERA-MIN Joint Call 2021



Raw Materials for the Sustainable
Development and the Circular Economy

8 February, 2021



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ERA-MIN 3

RAW MATERIALS FOR THE SUSTAINABLE DEVELOPMENT
AND THE CIRCULAR ECONOMY

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Objectives



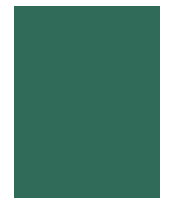
Raw Materials for the Sustainable Development and Circular Economy

1. **Support and promote R&I cooperation in Europe**, contributing to the objectives and the implementation of both the Raw Materials Initiative and the EIP RM Strategies, maximising the impact of the Technology Pillar of the Strategic Implementation Plan;
2. Reduce fragmentation of R&I funding in the area of **non-fuel, non-food raw materials** across Europe and globally;
3. Provide a **pan-European support network** and financial resources to improve synergies, coordination and collaboration;
4. Improve the **efficiency and impact of human and financial investment** in R&I activities in the area of Raw Materials;
5. Improve the **competitiveness and the environmental, health and safety performance** of non-fuel, non-food RM operations.



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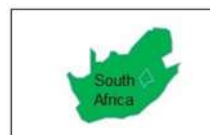
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Consortium Newcomers to ERA-MIN3 network

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Bulgaria, Czech Republic, Estonia, Québec (Canada), Slovakia, Wallonia (Belgium) and Navarra (Spain) will join the ERA-MIN network for the first time



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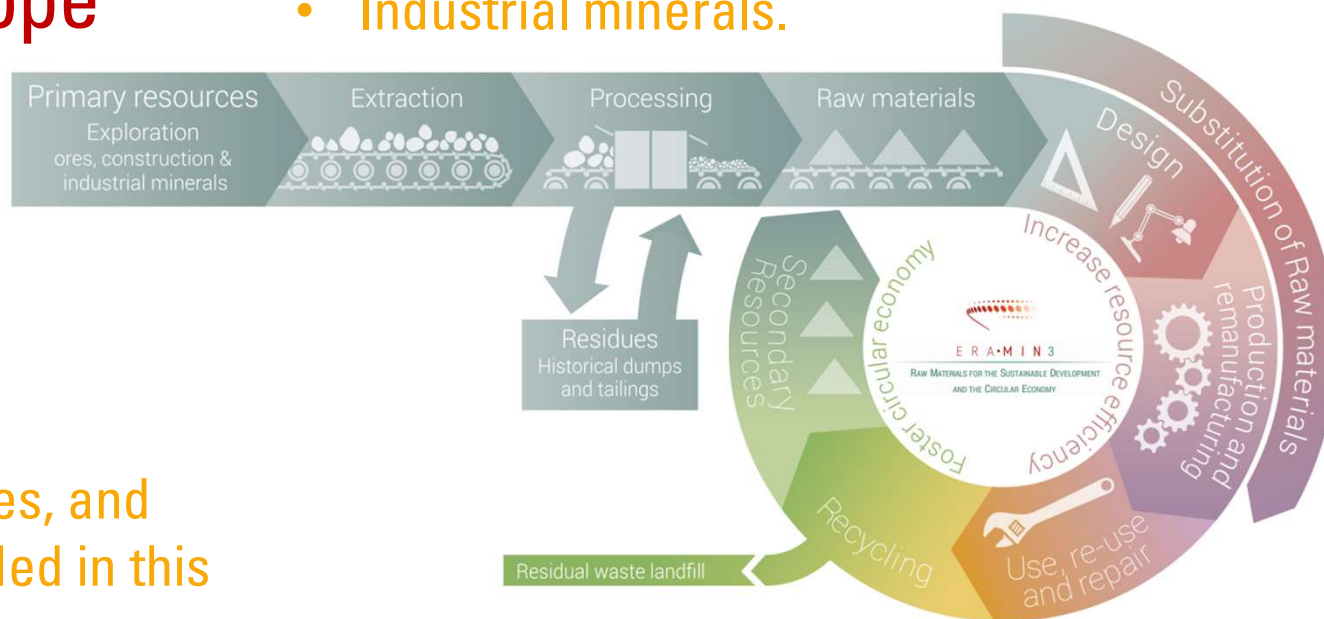
RAW MATERIALS FOR THE SUSTAINABLE DEVELOPMENT AND THE CIRCULAR ECONOMY

ERA-MIN Joint Calls

Scope

Non-fuel non-food raw materials

- Metallic,
- Construction,
- Industrial minerals.



Raw materials for batteries, and their recycling, are included in this framework



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ERA-MIN & ERA-MIN 2 Joint Calls

ERA-MIN Joint Calls

Previous calls & funded projects

FP7 ERA-MIN Joint Calls			H2020 ERA-MIN 2 Joint Calls		
2013	2014	2015	2017 (EU co-funded)	2018	2019
57 R&I transnational projects (total)					
30% enterprises (average)					
€42 Million total public funding					
€60 Million total project costs					



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ERA-MIN Joint Call 2017

16 funded R&I projects



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All topics and sub-topics are covered by the funded projects

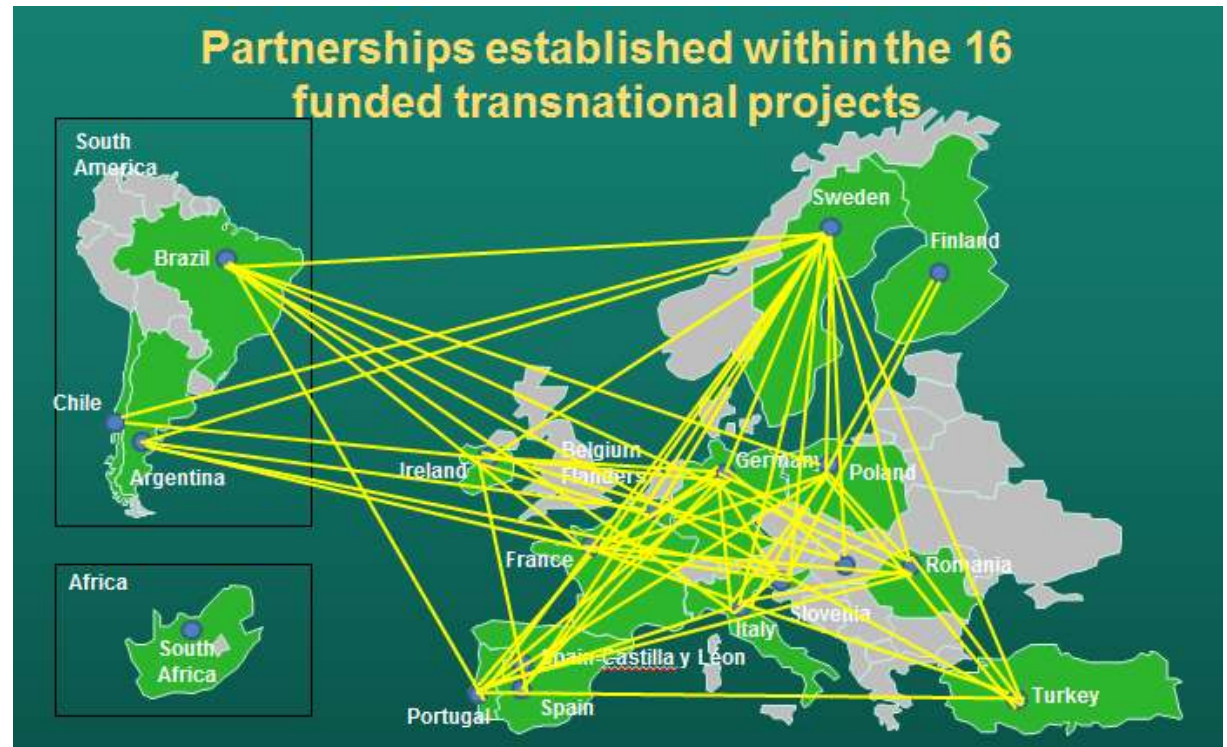
80% academia-industry projects

4 to 11: # partners per project

2 to 8: # countries per project

€0.5 to €1.5 Million: funding per project

24-36 months: Project duration



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ERA-MIN Joint Calls R&I collaborative international projects

Funded projects

Examples

(<https://www.era-min.eu/results>)

- Li-deposit exploration
- Gold mining in EU
- New eco-innovative solutions for mining infrastructures
- Recovery of base/precious metals in mining by-products
- Recycling of construction materials
- Substitution of phosphate rocks and natural graphite
- Recycling of Critical Raw Materials from End-of-Life products and waste
- **8 Battery related projects (€6 million) from ERA-MIN Calls (2015, 2017, 2018, 2019)**



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Joint Call 2021 Participating countries & regions (RFOs)

Countries & regions

Belgium-Flanders (FWO and Hermesfond/VLAI0)

Belgium-Wallonia (SPW-Recherche)

Bulgaria (BNSF)

Czech Republic (TA CR)

Estonia (ETAg)

Finland (Business Finland)

France (ADEME and ANR)

Germany (BMBF/JÜLICH)

Ireland (GSI/EPA)

Italy (MUR)

Poland (NCBR)

Portugal (FCT)

Romania (UEFISCDI)

Slovakia (SAS)

Slovenia (MIZS)

Spain (AEI and CDTI)

Spain – Navarra (CFNA)

Sweden (Vinnova)

EU Associated country:

- Turkey (TUBITAK)

Non-EU countries:

- Canada-Québec (PRIMA-Québec);
- South-Africa (DSI).



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Joint Call 2021

Topics

Proposals can only address **one main topic** and more than one of the 20 sub-topics, subject to national/regional regulations

The inclusion of the **cross-cutting topics** in proposals is of **added value**



Supply of raw materials from exploration and mining

Topic 1



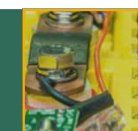
Circular design for increased resource efficiency

Topic 2



Processing, Production & Re-manufacturing

Topic 3



Recycling and Re-use of End-of-Life products

Topic 4



Cross-cutting topics:

- New business models;
- Environmental impact assessment
- Social acceptance and public perception
- Health and safety issues

Topic 5



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Joint Call 2021

Eligibility criteria

Eligible legal entities:

- Universities
- Research institutes
- SMEs, large industry
- NGOs
- Public authorities

Eligible research (TRL 1-9):

- Fundamental
- Applied research
- Innovation

Minimum Consortium: **3 partners** requesting funding from **3 countries** whereof **2** are **EU Member State** named in this Call or an **Associated Country (Turkey)**

Applicants requesting funding must comply with the national/regional funding criteria and regulations of their respective Funding Organisation

Applicants not requesting funding must provide evidence of the availability of their own funds to cover their project costs.

At least **half of the partners** in a consortium must belong to countries participating in the Call.

Project duration: **12 - 36 months** (subject to national/regional rules)



H2020 evaluation criteria:

1. Excellence
2. Impact
3. Implementation

Selection of project for funding through a ranking list from an international scientific assessment of proposals

Variable funding rates:

- 100 % for non-profit organisations
- <70% for profit organisations

Project start



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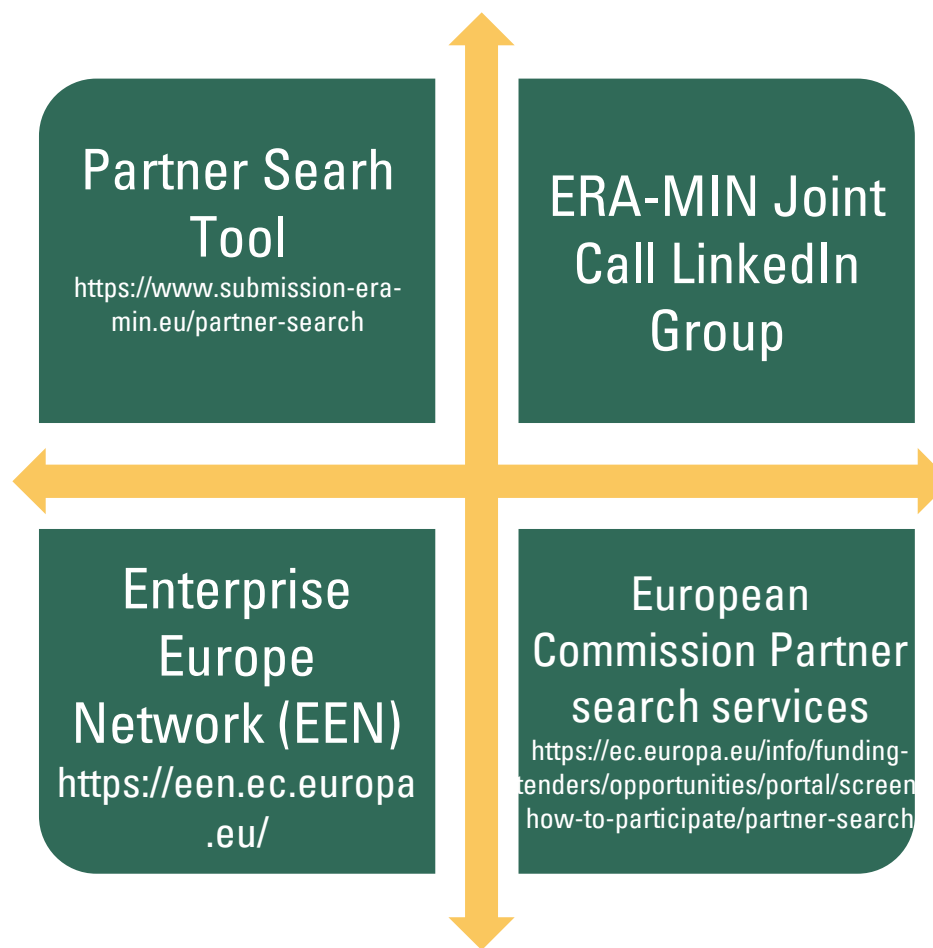
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Joint Call 2021 Partner Search



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Call Information & Important Dates

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€19,5 million

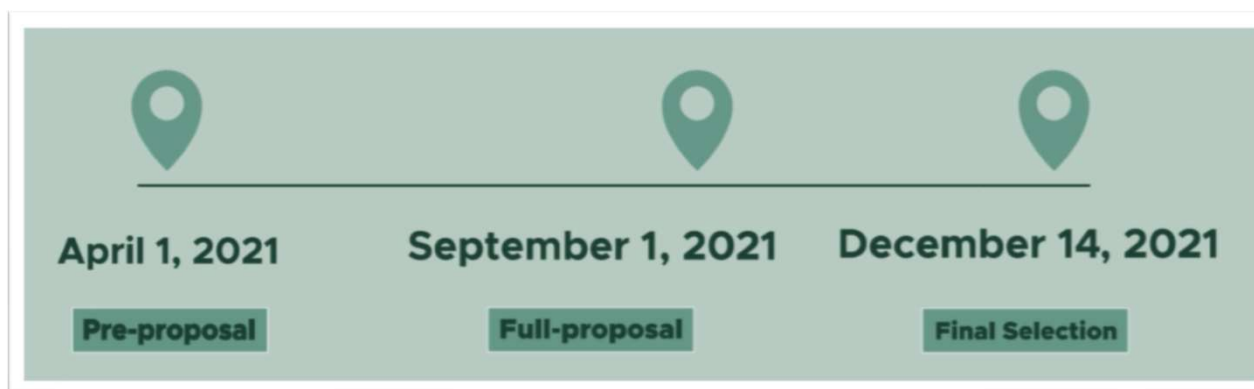
Total call budget (sum of national/regional budgets)

Two-stages submission procedure

January 15, 2021 Official launch of the Call

Further information:

- Joint Call Secretariat (eramin@fct.pt)
- Updated information will be available at: <https://www.era-min.eu/joint-call/era-min-joint-call-2021>



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Joint Call 2021

Website



Home
<https://www.era-min.eu/>

Call 2021
<https://www.era-min.eu/joint-call/era-min-joint-call-2021>



Call documents

- Call announcement. EU Co-funded ERA-MIN Joint Call 2021
- CV of key personnel
- Form A - Pre-Proposal Technical Description
- Form B - Statement of Commitment
- Form C - Statement of own funding
- Guide for proposal submission
- FAQs
- Cal Text. EU Co-funded ERA-MIN Joint Call 2021



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Get involved

Contact & Info



- ❑ If you are a **research performing organisation** (including enterprises) , submit an application to the Call for proposals;
- ❑ If you are an **expert on non-fuel, non-food raw materials** , apply as a reviewer.



- ❑ If you are a **research funding organisation** (Ministry or Agency), join the future Joint Call planned to 2023.



- ❑ If you are a **raw materials related project or initiative**, liaison with ERA-MIN3 to promote synergies.

Partner Search Tool

<https://www.submission-era-min.eu/partner-search>

Newsletter

<https://www.era-min.eu/newsletter>

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CONTACT DETAILS

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Ms. Ana Luisa Lavado

FCT Fundação para a Ciência e a Tecnologia



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