

# EU co-funded ERA-MIN Joint Call 2021



## Presentation of the Call

17 February, 2021 – ERA-MIN3 Call Launch event



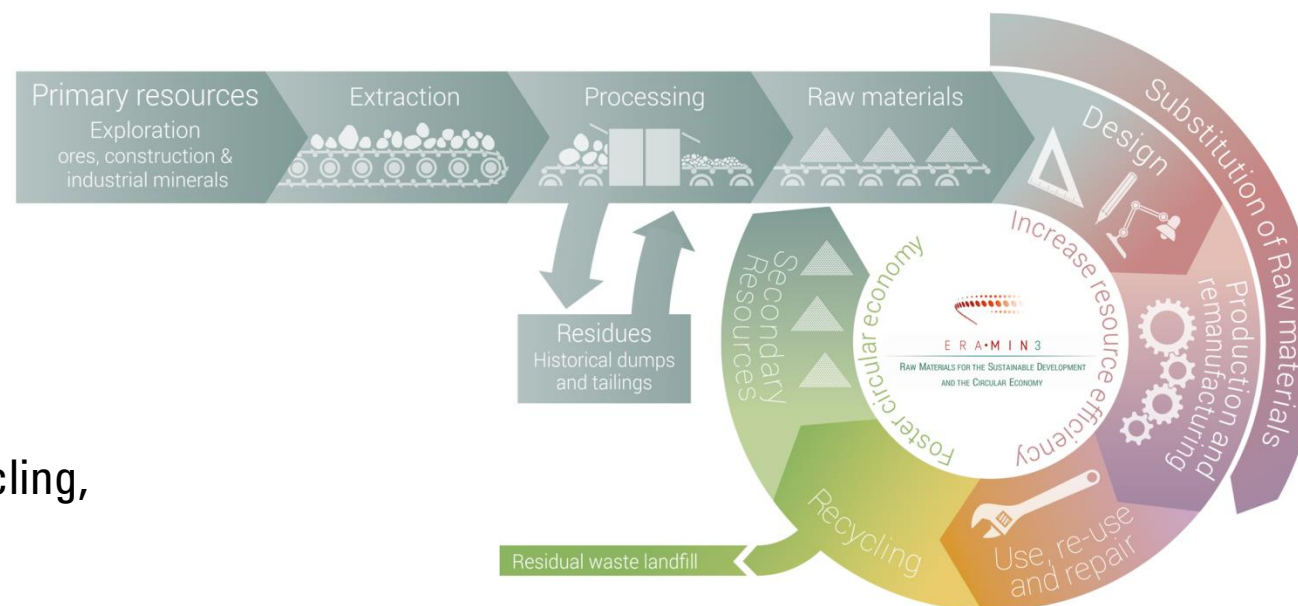
Co-funded by the Horizon 2020  
programme of the European Union

# 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

# Joint Call 2021

## Call Information & Important Dates

### EU co-funded ERA-MIN Joint call 2021

#### Raw Materials for the Sustainable Development and the Circular Economy

€19.5 million

Total call budget (sum of national/regional budgets)

#### Two-stages submission procedure

|                         |   |
|-------------------------|---|
| September 2020          | 1st Call pre-announcement                           |
| November 2020           | 2nd Call pre-announcement                           |
| <b>January 15, 2021</b> | <b>Official launch of the Call</b>                  |
| <b>April 1, 2021</b>    | <b>Deadline for Pre-Proposal submission</b>         |
| June 15, 2021           | Communication of pre-proposal assessment            |
| September 1, 2021       | Deadline for full-Proposal submission               |
| November 30, 2021       | Tentative communication of full-proposal assessment |
| December 14, 2021       | Selection of full-proposals recommended for funding |
| May 1, 2022             | Latest starting date of selected projects           |

Further information:

- Joint Call Secretariat ([eramin@fct.pt](mailto: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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EU co-funded ERA-MIN Joint Call 2021  
Raw Materials for the Sustainable Development  
and the Circular Economy

# Joint Call 2021

## Participating countries & regions (RFOs)

## Countries & regions

Belgium-Flanders (FWO and Hermesfond/VLAIO)



Vlaanderen  
verbeelding werkt

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)



REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA IZOBRAŽEVANJE,  
ZNANOST IN ŠPORT

Spain (AEI and CDTI)



Spain – Navarra (CFNA)



Sweden (Vinnova)



### EU Associated country:

- Turkey (TUBITAK)



### Non-EU countries:

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



# Joint Call 2021

## Elegibility criteria

### Eligible legal entities:

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

### Eligible research (TRL 1-9):

- Fundamental
- Applied research
- Innovation

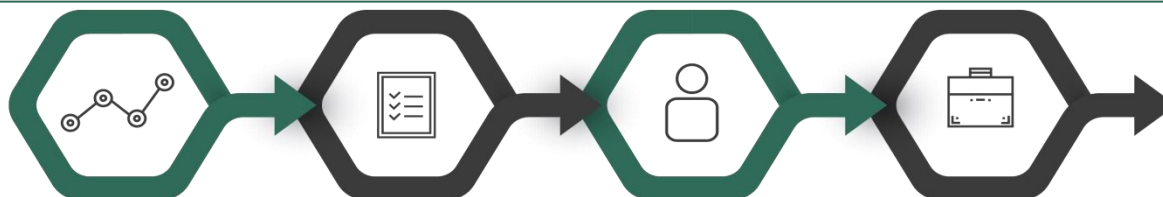
Minimum Consortium: **3 partners** requesting funding from **3 countries** whereof **2** are **EU Member State or an Associated Country (Turkey)** named in this Call

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

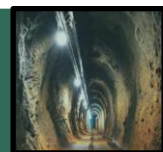
### Project start

# Joint Call 2021

## Topics

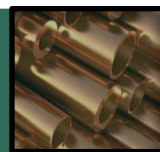
Proposals can only address **more than one main topic** and more than one of the 20 sub-topics, subject to national/regional regulations

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



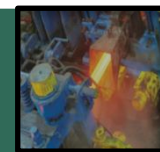
**Supply** of raw materials from exploration and mining

Topic 1



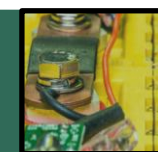
**Circular design** for increased resource efficiency

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
- Environmental, social, and health safety issues

Topic 5



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## Topics

1

### Topic 1. Supply of raw materials from exploration and mining

- 1.1: Exploration
- 1.2: Mining operations
- 1.3: Mine closure and reclamation

2

### Topic 2. Circular Design

- 2.1: Product design for increased raw material efficiency
- 2.2: Product design for reuse or extended durability of product
- 2.3: Product design to promote recycling
- 2.4: Product design for critical materials substitution

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## Topics

### Topic 3. Processing, Production and Remanufacturing

3.1: Increase resource efficiency in resource intensive production processes

3

3.2: Increase resource efficiency through recycling of residues or remanufacturing of used products and components

3.3: Increase resource efficiency using information and communication technologies (ICT)

### Topic 4. Recycling and Re-use of End-of-Life Products

4.1: End-of-life products collection and (reverse) logistics

4.2: End-of-life products pre-processing: pre-treatment, dismantling, sorting, characterisation

4

4.3: Reuse, repair, refurbishing, repurposing and remanufacturing of End-of-Life products

4.4: Recovery of raw materials from End-of-life products

4.5: Recovery of raw materials from End-of-life immovable assets

4.6: Increase recycling or reuse through information and communication technologies (ICT)



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## Topics

5

### Topic 5: Cross-cutting topics.

- 5.1: New business models (implementing circular economy aspects)
- 5.2: Improvement of methods or data for environmental impact assessment
- 5.3: Social acceptance and trust/public perception of raw materials
- 5.4: Health and safety issues

# 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

# Get involved

## Contact & Info

### Partner Search Tool

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

### Newsletter

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



- ☐ If you are a research performing organisation, submit an application to the Call for proposals;
- ☐ If you are an expert, apply as a reviewer.
- ☐ If you are a research funding organisation, 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.

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

### CONTACT DETAILS

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**FCT** Fundação para a Ciência e a Tecnologia