

## Call announcement ERA-MIN Joint Transnational Call 2023

### Highlights

- **Indicative Call budget: €13.6 Mio.**
- **December 7, 2022** – Official launch of the Call.
- **March 30, 2023** - Deadline for proposal submission.
- **October 17, 2023** – Tentative communication of selection of proposals.
- **April 1, 2024** - Latest starting date of selected projects.

The **ERA-MIN Joint Transnational Call 2023** presents a **funding opportunity** for companies, universities, research institutes, NGOs and public authorities that wish to propose research and innovation actions within the theme of “**raw materials for sustainable development and the circular economy**” at **transnational** level. The proposed research should clearly demonstrate potential to promote the sustainable and responsible sourcing, processing, production, consumption and recycling of primary and secondary **minerals and metals** (metallic, construction and industrial minerals), by taking into account also appropriate sustainability and non-technology aspects as environmental, social, health and circular economy issues. ERA-MIN3 is also open to R&I projects on **raw materials for EU strategic autonomy** and **successful transition to a climate-neutral and circular economy**.

### Participating countries and regions

The countries and regions, and their 23 research funding organisations that have agreed to allocate national/regional budgets to support partners of their country, or region, in the transnational applications are:

#### **EU countries/regions (research funding organisations)**

Belgium-Flanders (VLAIO/FIO); Belgium-Flanders (FWO); Belgium-Wallonia (SPW-Recherche); Bulgaria (BNSF); Czech Republic (TA CR); Estonia (ETAG); Finland (Business Finland); France - Nouvelle Aquitaine; Germany (BMBF/PT JÜLICH); Ireland (GSI/EPA), Poland (NCBR); Portugal (FCT); Romania (UEFISCDI); Slovakia (SAS); Slovenia (MIZS); Spain (AEI); Spain – Asturias (IDEPA), Spain – Basque Country (EJ/GV – Innobasque); Spain – Navarra (CFNA) and Sweden (Vinnova).

**EU Associated country:** Turkey (TUBITAK)

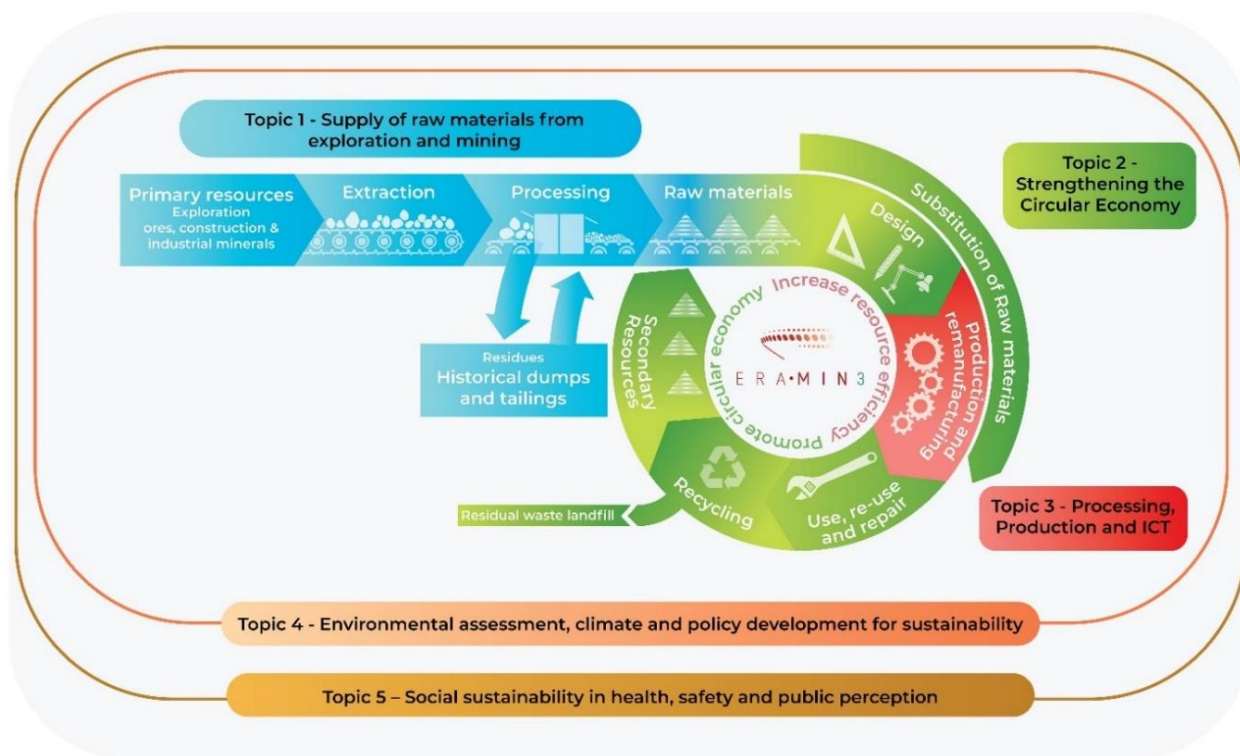
**Non-EU countries:** Canada-Québec (PRIMA-Québec) and South-Africa (DSI).

## 2023 Call scope and topics

**The scope** of the 2023 Call is needs-driven research on minerals and metals extracted from primary or secondary sources, specifically non-fuel, non-food raw materials (metallic minerals; construction materials and industrial minerals), addressing one or several areas of the raw materials sustainability scheme. Both technical and non-technical ideas are supported with the aim of retaining the value of the raw materials that are used in products and returning them into the product cycle at the end of their use, keeping in mind the need for an environmentally and socially sustainable and responsible industrial supply of primary and secondary resources.

The five main call topics and the 19 sub-topics are:

- **Topic 1. Supply of raw materials from exploration and mining**
  - 1.1 Innovative exploration methods
  - 1.2 More sustainable mining operations,
  - 1.3 Improved environmental management of mines
  - 1.4 Efficient mineral processing and metallurgy
  - 1.5 Mine closure, remediation and re-mining of tailings and waste rock
- **Topic 2. Strengthening the Circular Economy**
  - 2.1 Product design for resource efficiency, including substitution
  - 2.2 End-of-life products pre-processing: collection, logistics, pre-treatment, dismantling, sorting, characterisation
  - 2.3 Reuse, repair, refurbishing, repurposing and remanufacturing of end-of-life products
  - 2.4 Recovery and urban mining of raw materials from end-of-life products or other wastes,
  - 2.5 Life-cycle-analysis of raw materials
  - 2.6 New business models (implementing circular economy aspects)
- **Topic 3. Processing, Production and ICT**
  - 3.1 Increase resource efficiency in resource intensive production processes
  - 3.2 Increase resource efficiency, recycling and reuse of products using information and communication technologies
- **Topic 4. Environmental assessment, climate and policy development for sustainability**
  - 4.1 Improvement of methods or data for environmental, social and health impact assessment (ESHIA)
  - 4.2 Policy development for primary and secondary raw material industry
  - 4.3 Energy-saving and climate action
- **Topic 5. Social sustainability in health, safety and public perception**
  - 5.1 Social acceptance and trust/public perception of the raw materials industry
  - 5.2 Health and safety issues
  - 5.3. Gender equality in the raw materials sector



## Some eligibility criteria and recommendations to applicants

- It is mandatory for all the participants to carefully read the **international eligibility criteria**, as well as any additional **national/regional funding rules and regulations** because each consortium partner requesting funding is directly supported by the respective Funding Organisation of their country/region.
- Each consortium must comprise at least **three** independent legal entities, eligible and requesting funding, from the participating Funding Organisations of at least **three** different countries, where at least one country is an EU Member State or an EU Associated Country named in this call. At least **half** of the partners in a consortium must belong to countries participating in the Call.
- **Applicants not requesting funding**, or not eligible for national/regional funding from countries/regions named in the Call, **can be partners** of the consortium (subject to the approval by the funding organisations supporting the other applicants requesting funding). Please check the other eligibility criteria at CALL TEXT.

## Evaluation criteria and Procedures

Proposals will be evaluated based on three main evaluation criteria:

- 1) Scientific Excellence,
- 2) Impact, and
- 3) Quality and Efficiency of the Implementation

Further information on the call evaluation criteria and procedures can be found in the [Call Text](#)

An online new ERA-MIN3 [Partner Search Tool](#) is now live. The partnering tool helps you to find cooperation possibilities within the sub-topics of the ERA-MIN Joint Call 2023. It can be used in the following ways:

- Post a Partner Offer/Request
- Search List of Partner Offers/Requests posted by others.

### Further information

For further information, please contact the **Joint Call Secretariat** ([eramin@fct.pt](mailto:eramin@fct.pt)).

The [Call Launch webinar](#) will be on 14<sup>th</sup> December 2022, 14:30-16:30 CET. Pre-registration is needed.

Updated information, Call Text and other call documents will be available from 7<sup>th</sup> December 2022 at [ERA-MIN website CALL section](#) Follow us: [Twitter](#), [LinkedIn](#) and [Youtube](#).

[Video Testimonials of the ERA-MIN & ERA-MIN 2 funded projects](#) present a **good overview** about what has been funded under ERA-NET Cofund on Raw Materials (ERA-MIN) and how the non-fuel, non-food mineral raw materials research area in Europe is developing. Moreover, these testimonials videos may be of real interest for applicants to the **ERA-MIN Joint Transnational Call 2023**, because they present **benefits and tips** to build a successful proposal, consortium and project development.

For information on the statistics and the 57 transnational R&I projects funded under ERA-MIN and ERA-MIN2 calls, as well as the 22 transnational R&I projects funded under the EU co-funded ERA-MIN3 Joint Call 2021 please check the [RESULTS section on ERA-MIN website](#) and the ERA-MIN [Dashboard](#) which is an interactive map for the identification of projects by country, mineral category and keywords.

### About ERA-MIN<sub>3</sub>

**ERA-MIN<sub>3</sub>** is a global, innovative, and flexible pan-European network of **25 European/non-European research funding organisations**, aiming to continue strengthening the **mineral raw materials** community through the coordination of research and innovation programmes on non-fuel, non-food raw materials (metallic minerals; construction materials and industrial minerals) in a **circular economy** approach. **ERA-MIN<sub>3</sub>** aims to contribute to the objectives of both the *Raw Materials Initiative* and the *Strategic Implementation Plan* of the *European Innovation Partnership on Raw Materials* and is fully inscribed in other initiatives to support the EU's transition to a Circular Economy in many fields, such as the *Circular Economy Action plan*, the *Battery Action Plan*, the *EU Action Plan on Critical Raw Materials* and the *European Green Deal*, by moreover answering to the *United Nations Sustainable Development Goals*.

The **ERA-MIN Joint Transnational Call 2023** is the second and last joint call of **ERA-MIN<sub>3</sub>**.

**ERA-MIN<sub>3</sub>** (2020-2025) is supported by the EU Horizon 2020 programme, that builds on the experience of the FP7 ERA-NET ERA-MIN (2011–2015) and ERA-MIN 2 (2016–2022).