

ERA-MIN NEWSLETTER

February 2023

ERA-MIN JOINT TRANSNATIONAL CALL 2023

The **ERA-MIN Joint Transnational Call 2023** is **OPEN**. The second joint call of ERA-MIN3 was launched on 7th December 2022 with a **budget of €13.6M**, and applicants have until **30th March 2023** to submit their proposals.

The scope of the 2023 Call is needs-driven research addressing **non-fuel, non-food raw materials: metallic minerals; construction materials; industrial minerals**, and has the following **5 Topics**:

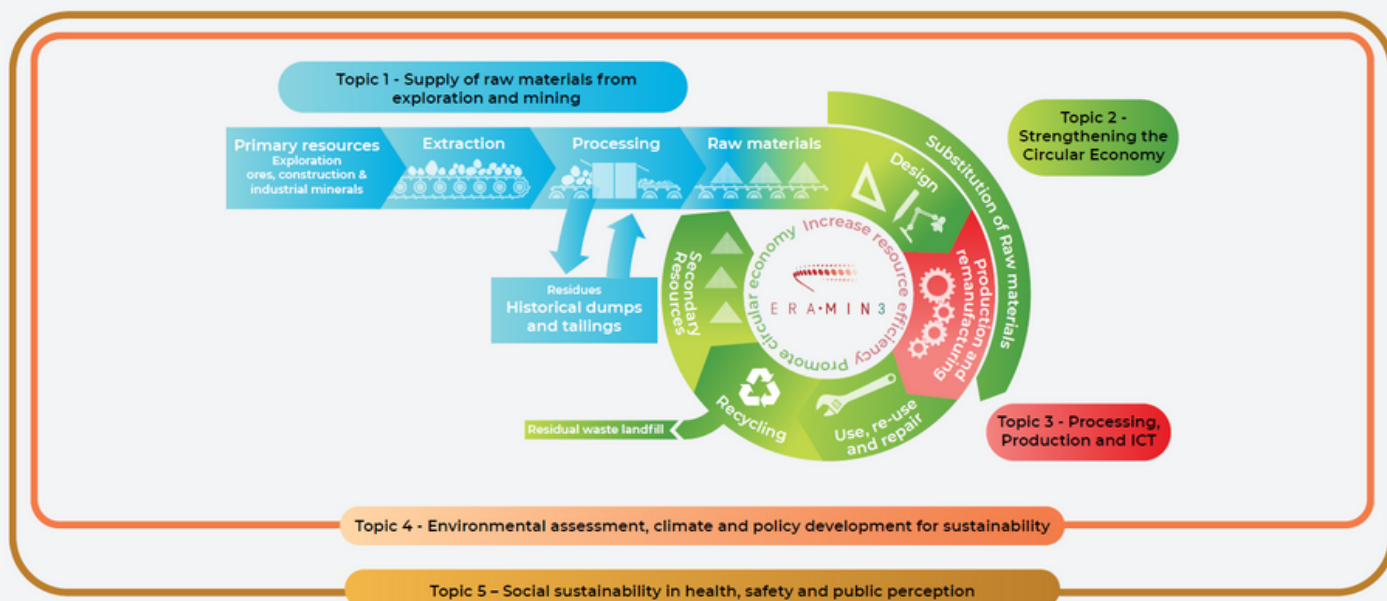
• Topic 1. Supply of raw materials from exploration and mining

• Topic 2. Strengthening the Circular Economy

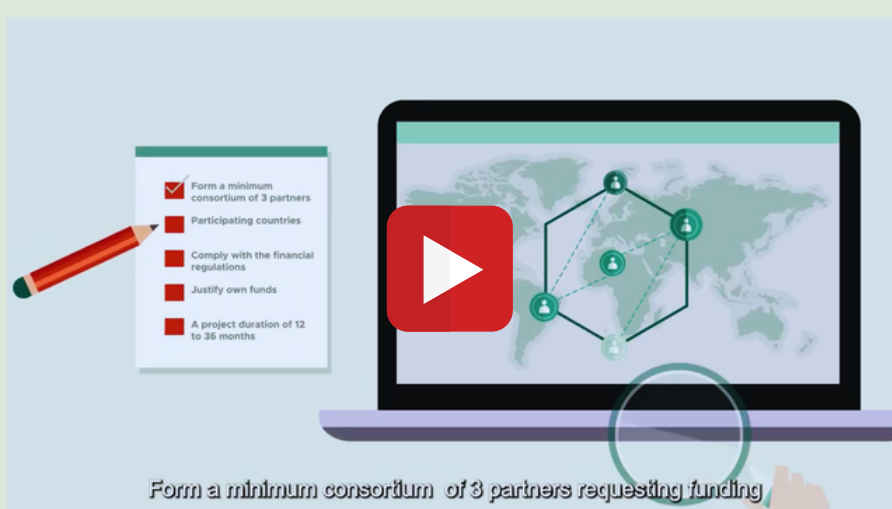
• Topic 3. Processing, Production and ICT

• Topic 4. Environmental assessment, climate and policy development for sustainability

• Topic 5. Social sustainability in health, safety and public perception



Check the **VIDEO** on the call announcements for quick overview of all the details of Call 2023



All details can be found on [ERA-MIN website](#), including the **Call Text and other call documents**.

For more information on previous call results and funded projects please visit our **RESULTS** section on ERA-MIN website and the **Dashboard** (see below).

NEW JOINT TRANSNATIONAL CALL 2023

PARTICIPATING COUNTRIES AND REGIONS



(NOTE: ORGANISATIONS FROM COUNTRIES/REGIONS NOT PARTICIPATING IN THE CALL CAN BE ASSOCIATED PARTNERS AND PARTICIPATE IN THE CALL WITH OWN FUNDS.)

**CHECK OUT THE NEW ERA-MIN
PARTNER SEARCH TOOL**
TO HELP YOU FIND COOPERATION
POSSIBILITIES WITHIN THE ERA-MIN
JOINT CALLS.

OTHER ELEGIBILITY CRITERIA AND RECOMMENDATIONS TO APPLICANTS

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.

Read carefully read the **international eligibility criteria**, and the **national/regional funding rules and regulations**, as each consortium partner requesting funding is directly supported by the respective Funding Organisation of their country/region

ERA-MIN FUNDED PROJECTS DASHBOARD

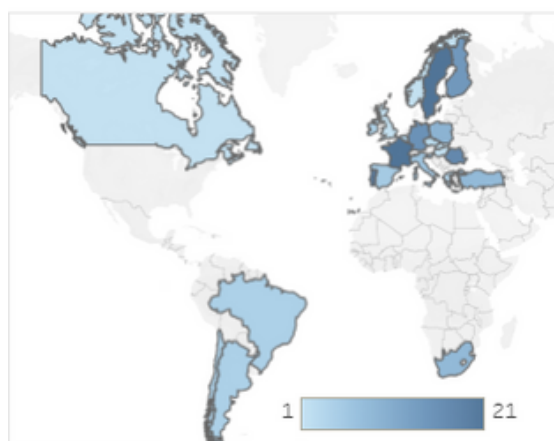
On ERA-MIN website, a new [Project Dashboard](#) has been developed including all projects funded up to date under the 3 ERA-MIN projects (where a total of 7 calls have been completed - 2013, 2014, 2015, 2017, 2018, 2019 and 2021)

In total, **79 projects** have been funded with over **€60M** of public funding and total project costs of nearly **€83M**.

You can now navigate interactively through each and everyone of the projects and group them by:

Country participation

Country participation. Number of projects by country



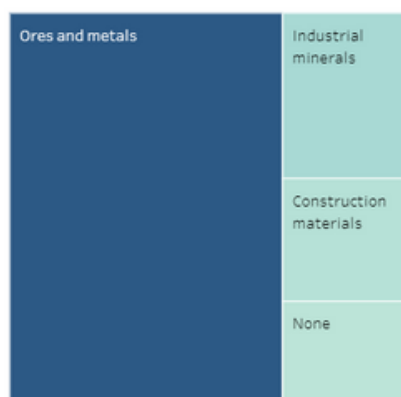
Number of projects by category



Categories within ERA-MIN Research agenda

Mineral category or Keywords

Mineral Category



Keywords Map



END OF AN ERA-MIN 2?

ERA-MIN 2 came to a close this last November with the final meeting taking place in Liège, Belgium. Six years of successful work (after one-year extension due to COVID) have led to **40 R&I funded projects** with nearly **30M€ in public funding** to support them.



However, it is not the end, work continues under ERA-MIN3 until 2025 and probably beyond. Check out last year's publication on ERA-MIN and a decade of support to the RM Research Community.



Proceeding Paper

ERA-MIN: A Decade since the Inception of the EU Led Effort to Support the International Raw Materials Research Community[†]

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[†] Presented at International Conference on Raw Materials and Circular Economy, Athens, Greece, 5–9 September 2021.

Abstract: ERA-NET Cofund on Raw Materials (ERA-MIN) is a global, innovative and flexible pan-European network of research funding organisations, supported by EU Horizon 2020, that counts now with its third edition. ERA-MIN3 (2020–2025) builds on the experience of the FP7 ERA-NET ERA-MIN (2011–2015) and the still running H2020 ERA-MIN 2 (2016–2022). ERA-MIN aims to support the European Innovation Partnership on Raw Materials (EIP RM), the EU Raw Materials Initiative, the Circular Economy Action Plan and further develop the raw materials (RM) sector in Europe through funding of transnational research and innovation (R&I) activities. This is achieved through calls designed and developed specifically for the non-fuel, non-food raw materials sector.

Keywords: metallic minerals; construction materials; industrial minerals; circular economy; critical raw materials; research funding; international cooperation

You can also find ERA-MIN 2 results and testimonials of many of the projects from the three calls under ERA-MIN2 or relive the mid-term seminars or **ERA-MIN2 Final Conference** on our **Youtube channel**



Check out the **call 2017, 2018 and 2019 project testimonials** videos [here](#)

NEWS & EVENTS

Most relevant **News & Events** for the **ERA-MIN** community that have recently been published on the website



Québec Mines + Énergie

QUEBEC CITY, CANADA
21/11/2022 - 09:00 TO 24/11/2022 - 18:00



The aim of the Québec Mines + Énergie congress is to promote and develop Québec's rich mining and energy potential from a sustainable development perspective. Gathering professionals from all sectors since 43 years, Québec Mines + Énergie is a space for synergy and exchanges, while putting geoscience knowledge and innovation at the forefront.

Whether you are an exhibitor, delegate, speaker, scientist, professional, investor or student, this unique congress provides you with as many tools as possible and consolidates all the resources that will be beneficial into a single event.

Our colleagues from PRIMA-Quebec will be representing ERA-MIN and providing information on the upcoming **call 2023**.



Launch Webinar for the ERA-MIN Joint Call 2023

ONLINE
14/12/2022 - 14:30 TO 16:30



ERA-MIN3 will launch its **2nd ERAMIN 2023 Joint Transnational Call** on 7 December 2022. Join us in this online **CALL LAUNCH EVENT** on **14 December 2022 from 14:30 to 16:30 (CET)**. If you want to learn more details about the funding opportunity for **research and innovation projects on Raw Materials** and the specific rules and regulations for potential applicants, do not miss it.

An introduction to ERA-MIN3 and its background, the general aspects of the EU co-funded ERA-MIN Joint Call 2021, details on the Electronic Submission System (ESS) and Partner Search Tool are only some of the topics that will be presented at this event.

The **agenda** of the event can be found **here**. **Presentations** used during the event are **available** (see "Documents" section).



Workshop REVIVING: "New Solutions for Recovering Critical Raw Materials"

AT DEPARTMENT OF THE CIVIL ENGINEERING, UNIVERSITY OF COIMBRA
30/01/2023 - 09:30 TO 14:30



The workshop **"New Solutions for Recovering Critical Raw Materials"** which will take place on January, 30th at Department of the Civil Engineering in the University of Coimbra will gather international experts specialized in this field in two technical sessions.

Antonio Veiga Simão on behalf of the President of the Commission for the Coordination and Regional Development of the Center (CCDR); VR Luís Simões da Silva, representing the University of Coimbra will attend the Opening Session.

Moreover, Jean Martins from the University of Grenoble-Alpes, will give a speech on "Mining waste: From bioremediation to bioleaching for recovery" and Stefano Amaral, from the Foundation for Science and Technology will tackle issues related to "ERA-MIN3 - a Pan-European network to support international R&I projects on raw materials for the sustainable development and the circular economy".

Mark Dopson, from the Linnaeus University in Sweden, -among other experts- will complete the sessions offering a perspective on "Strategies of the microbial inoculum production for bioleaching of critical metals".

This Project is developed within **ERAMIN2 Program** and financed by each **Call Funding Agencies**.



SUMEX MASSIVE OPEN ONLINE COURSE

18/11/2022



Mineral extraction is crucial to Europe's twin digital and green transition. So it is essential that these minerals are not extracted at the expense of the environment and people. In order to have a truly green transition, we also need a form of sustainable management in the extractive sector: Minimising the environmental footprint of an extraction project while at the same time contributing to a local and societal license to operate. This transition to sustainable management in the extractive sector is challenging, both for policy and industry.

The **SUMEX Massive Open Online Course** addresses **five key challenges that industry and policy face in this transition**. The course makes use of scientific concepts and holistic sustainability concepts at the operational level and will outline potential solutions based on practical examples applicable across Europe.

The six-week course officially kicked off on 7 November but you can still join and start your journey for sustainable management in the extractive industry

Past Events ERA-MIN has taken part in



Raw Materials Week 2022

BRUSSELS, BELGIUM

14/11/2022 - 09:30 TO 18/11/2022 - 18:30



The 7th edition of the "Raw Materials Week" will take place from 14 to 18 November 2022 as physical and online events, gathering a wide range of stakeholders discussing policies and initiatives in the field of raw materials.

You can join the event at the following [Link](#).



First IRTC conference

LILLE, FRANCE

15/02/2023 - 09:00 TO 17/02/2023 - 20:00



The network "International Round Table on Materials Criticality" (IRTC), funded by EIT RawMaterials, has had a crucial role in the international debate on criticality. In the original project IRTC, leading experts and developers of criticality methodologies started to discuss national perspectives and requirements of robust criticality assessments.

With the organization of an international conference, the IRTC project now proposes an interactive platform that will serve as a navigator to identify current and future topics of interest regarding material risks in industry and research world-wide, and to bring together industries interested to learn more about the topic and share their practices with academics, policymakers, and each other.

ERA-MIN3 will be represented through FCT (Portugal) attendance and the promotion with a poster of the ERA-MIN Joint Transnational Call 2023, as well as the results of the EU-Cofunded ERA-MIN Joint Call 2021.

She will also give a presentation on "*How worldwide coordinated research funding answers raw materials challenges: a case of study*"

Recent and Upcoming Events



PDAC 2023 Convention

TORONTO, CANADA

05/03/2023 - 09:00 TO 08/03/2023 - 20:00



PDAC 2023, PDAC's 91st annual convention, will take place in person in Toronto, Canada from **March 5-8 2023**.

ERA-MIN3 will be represented through FCT (Portugal) attendance and the promotion of the ERA-MIN Joint Transnational Call 2023, as well as the results of the EU-Cofunded ERA-MIN Joint Call 2021 will be disseminated.

As part of the EU booth (n° 931- South building), you will be able to find and meet our project coordinator, Dina Carrilho, who will be happy to answer your questions and guide you about ERA-MIN's activities.

On the morning of 7th March, she will present "*Pan-European Research and Innovation Programme to secure the sustainable supply of raw materials*" at the EU business and networking breakfast "*Securing raw materials for the green and digital transition*" and in the afternoon will also take part of the EU workshop: "*EU RESEARCH & INNOVATION FOR MINERAL EXPLORATION AND EXTRACTION - Current trends and Future Funding Opportunities*" with the presentation "*ERA-MIN - How to promote the sustainable and responsible sourcing through Pan-European coordinated research and innovation funding*".



EIT RawMaterials Summit 2023

BRUSSELS (BELGIUM)

15/05/2023 - 09:00 TO 17/05/2023 - 18:00



The annual event attracts more than 80 speakers and hundreds of attendees from organisations that are building a sustainable and secure raw materials sector to enable the twin green and digital transition by 2050.

The 5th edition of the Raw Materials Summit will take place from 15-17 May 2023 at The Egg, Brussels, Belgium, and will feature leading players in the international raw materials industry, innovators, educators, researchers, prominent figures from the European Commission, NGOs, and more.

Key discussions on the major innovations, policy initiatives, challenges and opportunities facing the raw materials sector will take place.

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