UPCOMING SCHEDULE



7 DECEMBER 2022

ERA-MIN Joint Call 2023- Publication of Call documents

30 MARCH 2023

Deadline for full-proposal submission

17 OCTOBER 2023

Tentative communication of selection of proposals

1 APRIL 2024

Latest starting date of selected projects

HOW CAN YOU GET INVOLVED



If you are university, research institute, SME, industry, NGO or public authority

- Build a transnational consortium and submit your project idea to 2023 Joint Call
- Apply as reviewer for the international peer-review of transnational R&I projects



If you are a national or regional Research Funding Organisation (Agency or Ministry) from Europe or beyond

Join the 2023 Joint Call for transnational R&I projects to support the internationalization of your universities, research institutes, SME and/or industry



If you are a raw materials initiative, Horizon 2020 funded project, industrial association or international body

Liaison with ERA-MIN 2 activities to ensure complementarity and avoid duplication of efforts



ERA-MIN 2

Implement a European-wide coordination of research and innovation programs on raw materials to strengthen the industry competitiveness and the shift to a circular economy

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COORDINATION

PORTUGA

PROJECT COORDINATOR Mrs. Dina Carrilho PROJECT MANAGER Mr. Stefano Amaral E-MAIL eramin@fct.pt



PARTNERS

MINCYT, Argentina FWO, Belgium - Flanders FIO, Belgium - Flanders Finep, Brazil ANID, Chile

Business Finland, Finland ADEME, France ANR, France JUELICH, Germany GSI, Ireland

MUR, Italy NCBR, Poland UEFISCDI, Romania MIZS, Slovenia DSI, South Africa

CDTI, Spain
AEI, Spain
ICE, Spain - Castille y Léon
Vinnova, Sweden
TUBITAK, Turkey



PAN-EUROPEAN NETWORK OF RESEARCH FUNDING ORGANISATIONS



This project has received funding under Grant agreement no 730238.

Funding Scheme ERA-NET Cofund



PROJECT AMBITION and ACHIEVEMENTS

A public Pan-European platform of regional, national funding organisations that coordinate R&I funding programmes on non-fuel, non-food raw materials.

Supported non-fuel non-food raw materials R&I through joint collaborative projects, knowledge transfer promotion as well as capacity building.

Facilitated the mutual learning of funding programmes through joint activities in the field of raw materials achieving a more efficient use of national/regional funds, time and personnel.

Implemented 3 Joint Transnational Calls as an attractive tool to internationalise the national/regional **R&I** community in the raw materials sector across Europe and globally.

Supported international R&I projects between universities, research institutes, small, medium and large enterprises, NGOs, public authorities.

Promoted fundamental and applied research and innovation (R&I) cooperation through world-wide coordinated funding, providing access to leading knowledge and new markets.

Reduced fragmentation of R&I funding on raw materials across Europe.

Contributed to the Strategic Implementation Plan of the European **Innovation Partnership on Raw** Materials, particularly in the area of research and innovation co-ordination.

The bottom-up ERA-MIN Joint Calls complemented other EU funding instruments (Horizon 2020; EIT RawMaterials).

> The 40 transnational R&I projects constituted a Raw Materials R&I programme, which expected impacts contributed to the objectives of the EIP on Raw **Materials** and the **ERA-MIN** Research Agenda.

Built on the success of ERA-MIN 2, ERA-MIN3 (2020-2025), a Pan-European network will facilitate a long-term collaboration between raw materials R&I programmes beyond Horizon 2020 in support of the EU Circular Economy Action Plan and the European Green Deal.



PARTNERS

ANID

Portugal

Argentina Finland MINCYT Business **Finland** - Flanders FW0 FI0 Brazil Finep Chile

France **ADEME** ANR Germany JUELICH Ireland

16

million euros

TOTAL COST

GSI

Italy

MUR

Poland

UEFISCDI

MIZS

DSI

NCBR

y Léon ICE Sweden Vinnova Turkey **South Africa** TUBITAK

Spain

CDTI

AEI

Austria MinPol Belgium Spain - Castille EFG **EUROMINES** INTRAW

PROMETIA **Belgium - Brussels** Innoviris

FRONT **Czech Republic** Belgium - Wallonia TACR SPW-Wallonia

Denmark - Minas Gerais and

Brazil

FAPFMIG

Bulgaria

GI-BAS

Canada

- Québec

Greenland **GEUS** Germany EIT RawMaterials Greece

GSRT IGME

Peru FONDECYT

Slovakia

Italy

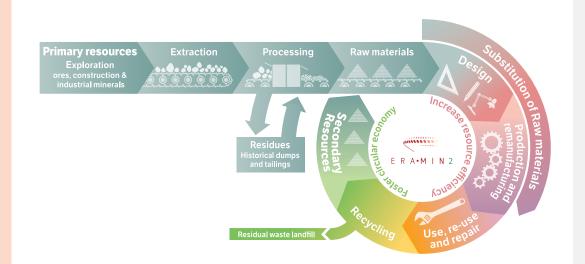
- Calabria

Calabria Region

72 months (2016 - 2022)

million euros **EU CONTRIBUTION**

DURATION



ERA-MIN Joint Call 2017 & 2018 & 2019 results

Raw materials for sustainable development and the circular economy

SCOPE

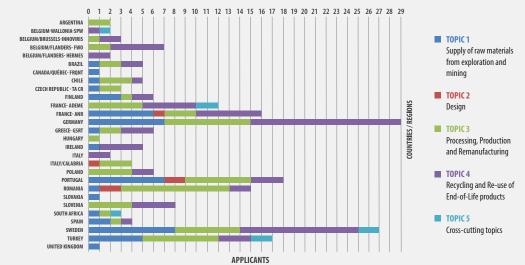
Demand-driven research and innovation on primary and secondary resources of construction, industrial and metallic minerals and substitution of Critical Raw Materials, addressing one or several areas of the circular economy

2017 & 2018 & 2019 CALLS BUDGET

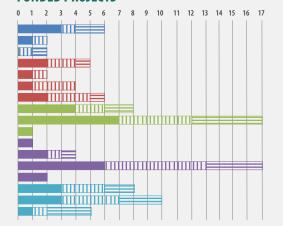
€ 39.3 million (sum of national/regional funds and EU contribution)

	EU CO-FUNDED CALL 2017	CALL 2018	CALL 2019	CALL 2017 & 2018 & 2019
SUBMITTED PROPOSALS	94	51	38	183
TOTAL APPLICANTS (% ENTERPRISES)	493 (27%)	280 (22%)	203 (28%)	976 (26%)
FUNDED PROJECTS	16	12	12	40
APPLICANTS (% ENTERPRISES)	87 (39%)	57 (28%)	67 (37%)	211 (35%)
TOTAL PROJECT COSTS	€16 MILLION	€12.7 MILLION	€12.4 MILLION	€41.1 MILLION
TOTAL REQUESTED FUNDING	€12.3 MILLION	€8.8 MILLION	€8.5 MILLION	€29.6 MILLION
CALL SUCCESS RATE	17%	24%	32%	24.3%

CALL 2017 & 2018 & 2019



FUNDED PROJECTS



- 1.2. MINING OPERATIONS
- 1.3. MINE CLOSURE AND RECLAMATION 2.1. PRODUCT DESIGN FOR INCREASED RAW MATERIAL EFFICIENCY
- 2.3. PRODUCT DESIGN TO PROMOTE RECYCLING
- 2.4 PRODUCT DESIGN FOR CRITICAL MATERIALS SURSTITUTE
- 3.1. INCREASE RESOURCE EFFICIENCY IN RESOURCE INTENSIVE PRODUCTION PRO
- 3.3 INCREASE RESOURCE FEELCIENCY USING ICT
- 4.1. END-OF-LIFE PRODUCTS COLLECTION AND (REVERSE) LOGISTICS 4.2. END-OF-LIFE PRODUCTS PRE-PROCESSING: PRE-TREATMENT, DISMANTLING
- SORTING, CHARACTERISATION
- 4.3 RECOVERY OF RAW MATERIALS FROM END-OF-LIFE PRODUCTS
- 4.4. INCREASE RECYCLING OF END-OF-LIFE PRODUCTS THROUGH ICT 5.1. NEW BUSINESS MODELS

CALL 2017

- 5.2. IMPROVEMENT OF METHODS OR DATA FOR ENVIRONMENTAL IMPACT ASSESSMEN

[[[]] CALL 2018