



# ERA-MIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS  
TO FOSTER CIRCULAR ECONOMY

**Acronym:** ERA-MIN 2

**Title:** 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

**Grant Agreement number:** 730238

**Funding scheme:** ERA-NET COFUND

**Start date:** 1<sup>st</sup> December 2016

**Duration:** 60 months

## DELIVERABLE D2.3

### *CALL DISSEMINATION MATERIAL*

**WP 2:** Preparation and launch of the co-funded call

**Task 2.5:** Promotion of joint co-funded call

**Task Leader:** CONICYT

**Lead beneficiary:** organisation

**Type:** Report

**Dissemination level:** *Public*

**Author(s):** Pedro Figueroa

**Due date:** M5

**Actual submission date:** 15.05.2017



**ERA-MIN 2** comprises a progressive, pan-European network of 21 public research funding organisations from 18 countries/regions (Argentina, Belgium-Flanders, Brazil, Chile, Finland, France, Germany, Ireland, Italy, Poland, Portugal, Romania, Slovenia, South Africa, Spain, Spain-Castilla y León, Sweden and Turkey).

Built on the experience of the EU project ERA-MIN (2011-2015), **ERA-MIN 2** aims to enhance and strengthen the coordination of research and innovation programmes in the field of non-energy, non-agricultural raw materials (construction, industrial and metallic minerals) to support the European Innovation Partnership on Raw Materials, the EU Raw Materials Initiative and further develop the raw materials sector, in Europe and globally, through funding of transnational research and innovation (R&I) activities.

**ERA-MIN 2** will support demand driven research on primary and secondary resources, and substitution of critical raw materials under a circular economy approach, to give the opportunity to the R&I community to apply to world-wide coordinated funding, gaining access to leading knowledge and new markets, while reducing fragmentation of R&I funding across Europe and globally. This will be achieved through one EU co-funded call for R&I proposals in 2017 and two additional calls, in 2018 and in 2019, designed and developed specifically for the non-energy, non-agricultural raw materials sector.

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## 1 RATIONALE

An enticing set of dissemination materials is deemed fit in order to better raise awareness about the project and promote the application to the 2017 ERAMIN2 co-funded call for proposals.

ERAMIN2 consortium is thus committed to promote the co-funded call at national/regional level via their usual channels of communications to potential applicants in close cooperation with related stakeholders. Therefore, the co-funded call was widely publicized to attract interest from all relevant groups of interested parties (i.a.): Research community related to non-energy non-agricultural raw materials, the Industry, Horizon 2020 National Contact Points, technology platforms, International cooperation projects on R&I, Programme owners, programme managers, R&I funding agencies.

The project's partners approached these target groups via multipliers, intermediaries, and facilitators such as: ERAMIN2 website, Partners' websites, newsletters, publications, webinars, events related to raw materials research taking place in partner countries (meetings, info days, conferences, workshops, brokerage events, relevant social networks such as LinkedIn and Twitter).

## 2 CALL DISSEMINATION TOOLKIT

The members of the Consortium were provided with an ad-hoc toolkit aiming to support them to better disseminate the 2017 call for proposals. This toolkit has been uploaded to ERAMIN2 website at the "Partner Area". This toolkit includes the following material: a poster, a call announcement, a presentation in slides, and a shorter version of this latter presentation. These materials may be customized according to the audience in particular. This set of dissemination materials is presented hereby.

### 3 POSTER



**ERA-MIN 2**

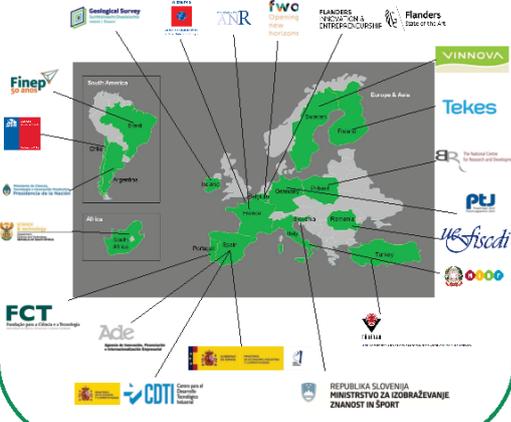
## RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

### PROJECT OBJECTIVES

- Enhance and strengthen the synergies, coordination and collaboration of national and regional EU and non-EU public research and innovation (R&I) funding programmes.
- Support and promote R&I cooperation in the area of **non-energy non-agricultural raw materials**.
- In support of the EU Integrated strategy "Raw Materials Initiative" (2008) and the European Innovation Partnership on Raw Materials to **secure the sustainable and responsible industrial supply of raw materials**.
- Reduce fragmentation of R&I funding across Europe and globally through the implementation of **joint transnational calls for R&I proposals**.
- Improve the efficiency and impact of human and financial investment in R&I activities to strengthen the industry competitiveness and the **shift to a circular economy**.
- Built on the experience of ERA-MIN (2011-2015) that has funded 17 transnational R&D projects under 3 Joint Calls with a total of 13 million public funds. More information at [www.era-min.eu](http://www.era-min.eu)
- Implement **one joint transnational call for R&I proposals in 2017**, co-funded by the European Commission with a total budget of 15 million Euro.
- Launch **two joint transnational calls in 2018 and in 2019** open to participation of funding organisations from countries and regions across the world.
- The ERA-MIN joint calls support needs-driven research and partnerships between academia, industry, SMEs, NGOs and public authorities to provide access to leading knowledge and new markets across Europe and world-wide.

### PROJECT CONSORTIUM

Pan-European, global, innovative and flexible network of public research and innovation funding organisations of EU countries and regions and non-EU countries

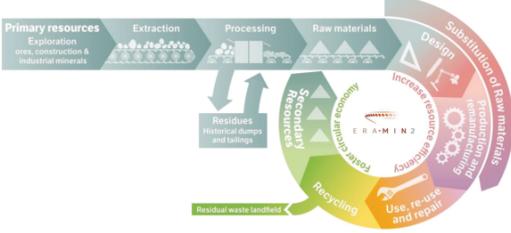


### ERA-MIN Joint Call 2017

#### Scope and Call topics

**Raw materials for sustainable development and the circular economy**

The scope of the ERA-MIN Joint Call 2017 is demand-driven research and innovation on primary and secondary resources of metallic, construction and industrial minerals and substitution of Critical Raw Materials, addressing one or several areas of the circular economy.



**Call topics:**

1. Supply of raw materials from exploration and mining.
2. Design.
3. Processing, Production and Remanufacturing.
4. Recycling of End-of-Life Products.
5. Cross-cutting topics:
  - New business models,
  - Improvement of methods or data for environmental impact assessment,
  - Social acceptance and trust/public perception of raw materials.

**Further information:**

Please contact the Joint Call Secretariat at FCT- Fundação para a Ciência e a Tecnologia – Portugal ([eramin@fct.pt](mailto:eramin@fct.pt))

More information at [www.era-min.eu](http://www.era-min.eu)

#### Funding Organisations

Country/Region	Partner
Argentina	MINCYT
Belgium / Flanders	Hermesfonds/VLAIO
Belgium /Flanders	FWO
Brazil	Finep
Chile	CONICYT
Finland	Tekes
France	ADEME
France	ANR
Germany	BMBF/JUELICH
Ireland	GSI
Italy	MIUR
Poland	NCBR
Portugal	FCT
Romania	UEFISCDI
Slovenia	MIZS
South Africa	DST
Spain	MINECO
Spain	CDTI
Spain/Castilla y León	ADE
Sweden	Vinnova
Turkey	TUBITAK

This project has received funding under grant agreement n° 730238  
Project duration: 1 December 2016 – 30 November 2021



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

## 4 CALL ANNOUNCEMENT



### RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

#### ERA-MIN Call 2017 announcement

“Raw materials for the sustainable development and the circular economy”

ERA-MIN 2 (2016-2021) is a public-public partnership of 21 research funding organisations from Europe and beyond, that aims to develop the non-energy, non-agricultural raw materials sector, in Europe and globally, through the coordination of research and innovation programmes following the successful experience of ERA-MIN (2011-2015), to strengthen the industry competitiveness and the shift to a circular economy.

#### Highlights

- **1 February 2017** - Publication of the joint call
- **5 May 2017, 17:00 CEST** - Deadline for pre-proposal submission (mandatory)
- **10 July 2017** – Communication of the pre-proposal assessment
- **28 September 2017, 17:00 CEST** - Deadline for full-Proposal submission
- **15 January 2018** - Communication of the full-proposal assessment
- **1 May 2018** – Latest starting date of the transnational R&I projects
- **Total Call budget:** € 15 million (including European Commission co-funding)

#### 2017 Call scope and topics

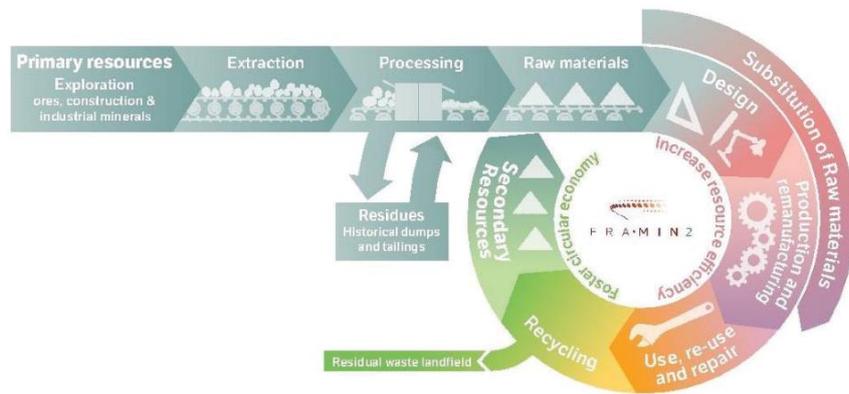
The scope of the Joint Call is demand-driven research and innovation on primary and secondary resources of metallic, construction and industrial minerals and substitution of Critical Raw Materials, addressing one or several areas of the circular economy. The topics and sub-topics are:

1. Supply of raw materials from exploration and mining
  - 1.1 Exploration
  - 1.2 Mining operations
  - 1.3 Mine closure and reclamation
2. Design
  - 2.1 Product design for increased raw material efficiency
  - 2.2 Product design for reuse or extended durability of products
  - 2.3 Product design to promote recycling
  - 2.4 Product design for critical materials substitution
3. Processing, Production and Remanufacturing
  - 3.1 Increase resource efficiency in resource intensive production processes
  - 3.2 Increase resource efficiency through recycling of residues or remanufacturing
  - 3.3 Increase resource efficiency using information and communication technologies (ICT)
4. Recycling of End-of-Life Products
  - 4.1 End-of-life products collection and 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 information and communication technologies (ICT)
5. Cross-cutting topics:
  - 5.1 New business models
  - 5.2 Improvement of methods or data for environmental impact assessment
  - 5.3 Social acceptance and trust/public perception of raw materials



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- Further information on the objectives and expected impacts of the five topics? Please read the [“Call text”](#).
- Further information on the submission, evaluation, selection, funding procedures, eligibility criteria, topics and sub-topics covered by each funding organisation and the pre-proposal template? Please refer to the [“Guidelines for Applicants”](#).
- Looking for the specific national and regional funding rules? Please read the [“National/Regional Funding regulations”](#).
- Searching for partners and build consortia? Please refer to [the NCPs-CaRE website](#).

### Some eligibility criteria and recommendations to applicants

- The applicants must liaise with the local contact person of their country/region and confirm that the national/regional funding criteria and regulations are met.
- A proposal may cover more than one of the topics and sub-topics. Not all topics and sub-topics are supported by all participating funding organisations.
- Each consortium must be composed of, at least, two independent legal entities eligible to request funding from the Funding Organisations of, at least, two different EU Member States or Associated Countries participating in this Call.
- Applicants not requesting funding, or who are not eligible for national/regional funding, can be partners of the consortium, on the condition that they provide evidence of the availability of their own funds.
- The pre-proposal has to be submitted by the coordinator via the [ERA-MIN Electronic Proposal Submission System](#).

### Participating countries and regions

Finland, France, Germany, Ireland, Italy, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Belgium-Flanders, Spain-Castille y León, Turkey, Argentina, Brazil, Chile and South Africa.

For further information, please contact the Joint Call Secretariat at FCT- Fundação para a Ciência e a Tecnologia – Portugal (eramim@fct.pt)  
More information at [www.era-min.eu](http://www.era-min.eu)



## 5 PRESENTATION IN SLIDES




**ERA-MIN Joint Call 2017 webinar**

**Dina Carrilho**  
**Rui Munha**  
Departamento de Relações Internacionais / Department of International Relations  
Lisbon, 30<sup>th</sup> March 2017

[www.fct.pt](http://www.fct.pt)

**Background: ERA-MIN (2011-2015)** [www.era-min-eu.org](http://www.era-min-eu.org)

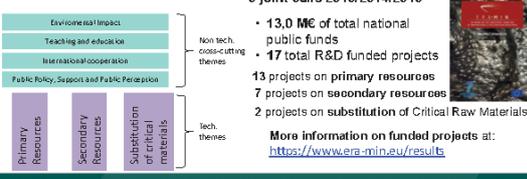
Title: "Industrial Handling of Raw Materials for European industries"  
Consortium: 15 partners + 6 associated partners from 15 EU countries + Argentina + South Africa

**ERA-MIN Research Agenda (2013)**  
non-energy, non-agricultural raw materials

**3 joint calls 2013/2014/2015**

- 13,0 M€ of total national public funds
- 17 total R&D funded projects
- 13 projects on **primary resources**
- 7 projects on **secondary resources**
- 2 projects on **substitution of Critical Raw Materials**

**More information on funded projects at:**  
<https://www.era-min.eu/results>

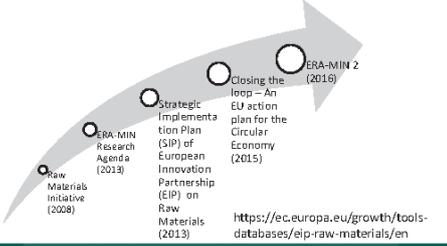


**Webinar instructions**

- Please register your name, institution and country at "Sala de chat"
- Submit your questions along the presentation by the chat option
- We will answer the questions received in the Chat at the end of the presentation. We predicted half an hour for this task.
- For specific questions on national/regional funding priorities and regulations, they will be transferred to the respective contact persons at the funding organisations.
- The Q&A session will be grouped based on the topics addressed and will contribute for the FAQs available at the ERA-MIN 2 website.
- If your questions were not answered, please contact the Joint Call Secretariat email ([eramim@cti.pt](mailto:eramim@cti.pt)) or the contact person at the funding organisation.

**30 minute Presentation**  
**30 min for answering the questions submitted through the Chat**

**Background**



<https://ec.europa.eu/growth/tools-databases/eip-raw-materials/en>

**TABLE OF CONTENTS**

- 1) Background: ERA-MIN, EIP on Raw Materials
- 2) ERA MIN 2 Consortium/objectives/activities
- 3) ERA-MIN Joint Call 2017
  - 1) Call procedures/website/call documents
  - 2) Call text/scope/call topics and sub-topics
  - 3) National/regional funding regulations
  - 4) Guidelines for Applicants (GfA) – contact persons, eligibility criteria, recommendations to applicants, partner search tool, evaluation procedures, evaluation criteria/scoring system/thresholds, selection procedures, feedback to applicants, call calendar
  - 5) Electronic submission system (ESS)

**ERA-MIN 2 introduction**

ERA MIN 2 (2016-2021)

- funded project under Horizon 2020 Call 2016 (Societal Challenge 5)
- Title: *Implement a European-wide coordination of research & innovation programs on raw materials to strengthen the industry competitiveness and the shift to a circular economy*
- ERA-MIN 2 aims to develop the non-energy and non-agricultural raw materials sector: construction, industrial and metallic minerals.
- ERA-NET Cofund:
  - Where participants are research funding organisations (Ministries, national and regional funding agencies).
  - Where European Commission grants up to 33% of the national/regional funds committed by the funders in the ERA-NET Cofund Call





# ERA-MIN 2

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### ERA-MIN 2 consortium

21 partners:

- 11 EU countries
- 2 EU regions
- 4 non-EU countries

Project coordinator: **FCT**

### ERA-MIN Joint Call 2017 – Call procedures

two-stage submission & evaluation procedures but national/regional funding

National/regional funding rules and regulations apply

Check with the contact persons of the participating countries/regions:

- Eligible topics and sub-topics for funding
- Eligible partners (academia, industry, SMEs, NGOs or public authorities)
- Eligible type of research (fundamental, applied or innovation research; Technology Readiness Level TRL 1-9)

### ERA-MIN 2 objectives

- Enhance and strengthen the synergies, coordination and collaboration of national and regional EU and non-EU public research and innovation (R&I) funding programmes.
- Support and promote R&I cooperation in the area of **non-energy non-agricultural raw materials**.
- Improve the efficiency and impact of human and financial investment in R&I activities to strengthen the industry competitiveness and the **shift to a circular economy**.
- Reduce the fragmentation of R&I funding across Europe and globally through the implementation of **3 joint calls for transnational R&I proposals**.

**30 R&I projects  
30 million Euro**

### ERA-MIN Joint Call 2017 – Website/Call documents

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

Call documents

- Call text ERA-MIN Joint Call 2017 (version 06.02.2017)
- Guidelines for Applicants ERA-MIN Joint Call 2017
- National/Regional Funding regulations ERA-MIN Joint Call 2017 (version 01.03.2017)
- Technical specification of the pre-proposal ERA-MIN Joint Call 2017
- ERA-MIN Joint Call 2017 - Call announcement

### ERA-MIN 2 activities

- 2017 - Launch one joint call with 5 M€ EU co-funding. Total Call budget: 15 M€
- 2018 & 2019 - Launch 2 additional joint calls for transnational R&I proposals with only national/regional funds, **without EU co-funding, open** to participation of funding organisations from other countries and regions from EU and outside EU.
- Communicate and cooperate with existing initiatives, projects and associations in the raw materials sector to ensure complementarity and avoid duplication of efforts.
- Organise joint workshops, matchmaking events with other initiatives, projects, ministries or funding agencies and facilitate international cooperation.

**2021 - 24 Associated partners/Observer organisations:**

- 18 from European countries
- 6 from non-European countries

### ERA-MIN Joint Call 2017 – Call text

**Table of Contents**

1. Introduction
2. Background
3. The funding organisations (ERA-MIN 2 partners)
4. Scope of the ERA-MIN Joint Call 2017 and topics for funding (objectives and expected impacts of the five main topics)
5. Call Topics supported by the funding organisations

**APPENDIX I - Sub-topic areas for research** (not limited to some examples given)





# ERA-MIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS  
TO FOSTER CIRCULAR ECONOMY

## ERA-MIN Joint Call 2017- Call text/scope



### RAW MATERIALS FOR SUSTAINABLE DEVELOPMENT AND THE CIRCULAR ECONOMY

SCOPE: demand-driven research and innovation on primary and secondary resources of metallic, construction and industrial minerals and substitution of Critical Raw Materials in a circular economy approach.



[https://www.era-min.eu/sites/default/files/publications/era-min\\_research\\_agenda.pdf](https://www.era-min.eu/sites/default/files/publications/era-min_research_agenda.pdf)

## ERA-MIN Joint Call 2017 –Call text/call topics (3/5)



### 3. Processing, Production and Remanufacturing

- 3.1. Increase resource efficiency in resource intensive production processes
- 3.2. Increase resource efficiency through recycling of residues or manufacturing
- 3.3. Increase resource efficiency using information & communication technologies (ICT)

### 4. Recycling of End-of-life products

- 4.1. End-of-life products collection and logistic
- 4.2. End-of-life products pre-processing
- 4.3. Recovery of raw materials from End-of-life products
- 4.4. Increase recycling of End-of-Life products information & communications technologies (ICT)

## ERA-MIN Joint Call 2017 – Call text/call topics (1/5)

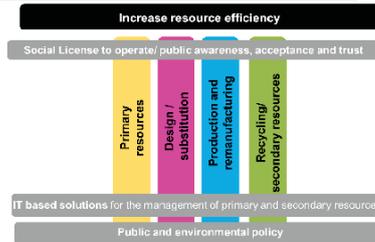


### Five main call topics:

1. Supply of raw materials from exploration and mining
2. Design
3. Processing, Production and Remanufacturing
4. Recycling of End-of-Life Products
5. Cross-cutting topics:

- 5.1. New business models
- 5.2. Improvement of methods or data for environmental impact assessment
- 5.3. Social acceptance and trust/public perception of raw materials

## ERA-MIN Joint Call 2017 –Call text/call topics (4/5)



## ERA-MIN Joint Call 2017 –Call text/call topics (2/5)



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

- 1.1. Exploration
- 1.2. Mining operations
- 1.3. Mine closure & reclamation

### 2. 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 material substitution

## ERA-MIN Joint Call 2017 – Call text/call topics (5/5)



### Topics covered by the funding organisations

Country/region	Funding Organisation	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5
Belgium	IMMERSA	X	X	X	X	X
Belgium/Flanders	IMMERSA	X	X	X	X	X
Belgium/Wallonia	IMMERSA	X	X	X	X	X
Spain	ENISA	X	X	X	X	X
Spain	CONICYT	X	X	X	X	X
France	IFREMER	X	X	X	X	X
France	ANR	X	X	X	X	X
France	ANR	X	X	X	X	X
Germany	BMFTG	X	X	X	X	X
Germany	ISE	X	X	X	X	X
Italy	MIUR	X	X	X	X	X
Italy	ENEA	X	X	X	X	X
Italy	ENEA	X	X	X	X	X
Portugal	DT	X	X	X	X	X
Portugal	DT	X	X	X	X	X
Portugal	IMMERSA	X	X	X	X	X
Poland	MPT	X	X	X	X	X
Spain/Andalus	IMMERSA	X	X	X	X	X
Spain	ENISA	X	X	X	X	X
Spain	IMMERSA	X	X	X	X	X
Spain/Cataluña/Valencia	ADG	X	X	X	X	X
Sweden	STRIK	X	X	X	X	X
Turkey	IMMERSA	X	X	X	X	X

### Five main topics:

1. Supply of raw materials from exploration and mining
2. Design
3. Processing, Production and Remanufacturing
4. Recycling of End-of-Life Products
5. Cross-cutting topics

**⚠ not all sub-topics are eligible for funding**  
Read the Guidelines for Applicants (APPENDIX I)

X – topic and sub-topics eligible for funding.







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## ERA-MIN Joint Call 2017 – GfA/Eligibility criteria for pre-proposals (3/16)



- All applicants requesting funding must provide a statement of commitment (Form B) as an annex of the pre-proposal (duly signed by the head of the organisation and the lead researcher)
- Applicants not requesting funding can be partners of the consortium, and must provide a statement of availability of own funds (Form C) as an annex of the pre-proposal (duly signed by the head of the organisation and the lead researcher)
- At least half of the partners in a consortium must belong to countries participating in the Call  
Eligible: maximum 3 legal entities from 2 EU countries and Argentina, Brazil, Chile or South Africa  
And 3 partners from countries/regions not participating in the Call
- All fields of the pre-proposal technical descriptions must be filled in and the total length of the technical description cannot exceed a maximum of 6 pages for pre-proposal, excluding the financial plan, references and annexes.
- The language of the proposals is English
- If required, national/regional documents should be submitted to the contact person of the Funding Organisation within the specified deadline, until one week after the pre-proposal submission deadline.

## ERA-MIN Joint Call 2017 – GfA/Recommendations to applicants (6/16)



- The applicants must liaise with the local contact person of their country/region and confirm that the national/regional priorities, funding criteria and regulations are met.
- One (and only one) coordinator, represented by a lead researcher, has to be nominated among the partners to represent the consortium.
- The proposal should clearly identify the specific contribution of each partner in the consortium and the added value of working together;
- More than two partners from more than two countries forming a consortium are encouraged to apply.
- The involvement of applicants from the third countries participating in the Call, namely Argentina, Brazil, Chile and South Africa) is highly desirable
- The consortium size should be suitable for the level and complexity of the project and each partner should have a significant contribution for the transnational added value of collaboration;
- Consortium range between 2 and 7 partners from 2 to 7 countries (indicative)

## ERA-MIN Joint Call 2017 – GfA/Eligible organisations (4/16)



Country/Region	Funding organisations	Large enterprises	Medium enterprises	Small enterprises	Micro, SMEs, and research organisations	Partnerships
Argentina	MINCYT		X	X	X	X
Brazil	FAPESP		X	X	X	X
Chile	CONICYT		X	X	X	X
France	ANR	X	X	X	X	X
Germany	BMBWF/BMBHGR	X	X	X	X	X
India	DESI	X	X	X	X	X
Italy	MUR	X	X	X	X	X
Poland	PCFT	X	X	X	X	X
South Africa	SST	X	X	X	X	X
Spain	MINEDU	X	X	X	X	X
South Korea	MOST	X	X	X	X	X
Sweden	Vinnova	X	X	X	X	X
UK	HMRC	X	X	X	X	X

### Organisations eligible for funding

X – eligible organisations for funding.

not all types are eligible for funding  
Read the National/regional Funding Regulations

## ERA-MIN Joint Call 2017 – GfA/Recommendations to applicants (7/16)



- Applicants requesting funding have to make sure that their proposal fulfils the Call eligibility criteria, as well as the national/regional eligibility criteria.
- Partnerships academia-industry are particularly encouraged to apply. Other types of consortia (e.g. purely industrial or academic) may also apply.
- Large, medium and small-size companies are particularly encouraged to apply;
- A proposal may cover more than one of the sub-topics. Not all topics and sub-topics are supported by all participating funding organisations.
- In terms of total funding, expected size of a proposal in the range of 0.3 to 1.5 million Euro.
- The coordinator should register in advance in the ERA-MIN Electronic Proposal Submission System (<http://www.submission-era-min.eu>)
- In order to find potential partners to build a consortium, a web-based partner search tool has been set up at the NCPs-CaRE website (<http://partnersearch.ncps-care.eu>).

## ERA-MIN Joint Call 2017 – GfA/Type of research eligible for funding (5/16)



Country/Region	Funding organisations	Fundamental Research		Industrial/Applied Research		Technological Development	
		TRL 0-1	TRL 2-3	TRL 4-5	TRL 6-7	TRL 8-9	TRL 10
Argentina	MINCYT	X	X	X	X	X	X
Brazil	FAPESP	X	X	X	X	X	X
Chile	CONICYT	X	X	X	X	X	X
France	ANR	X	X	X	X	X	X
Germany	BMBWF/BMBHGR	X	X	X	X	X	X
India	DESI	X	X	X	X	X	X
Italy	MUR	X	X	X	X	X	X
Poland	PCFT	X	X	X	X	X	X
South Africa	SST	X	X	X	X	X	X
Spain	MINEDU	X	X	X	X	X	X
South Korea	MOST	X	X	X	X	X	X
Sweden	Vinnova	X	X	X	X	X	X
UK	HMRC	X	X	X	X	X	X

### Type of research eligible for funding

X – type of research eligible for funding.

not all TRLs are eligible for funding  
Read the National/regional Funding Regulations

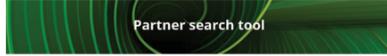
Technology Readiness Level (TRL) H2020 definition  
TRL 1 – basic principles observed  
TRL 2 – technology concept formulated  
TRL 3 – experimental proof of concept  
TRL 4 – technology validated in lab  
TRL 5 – technology validated in relevant environment  
TRL 6 – technology demonstrated in relevant environment  
TRL 7 – system prototype demonstrated in operational environment  
TRL 8 – system complete and qualified  
TRL 9 – system proven in operational environment

## ERA-MIN Joint Call 2017 – GfA - Partner search tool (8/16)



a web-based partner search tool has been set up at the NCPs-CaRE website (<http://partnersearch.ncps-care.eu>).

The tool includes a joint call from ERA-net ERA-MIN 2 (01 Feb - 05 May 2017)



**Survey on Partner Search Tool**

Did you find partners for your project proposal? Or started a collaboration for any future project? Please fill this short survey (3 min) to help us get an impression of the success of the tool!

The survey will be accessible till 15. May 2017. Thank you.

**Partner search**

- Partner Search Home
- Search for Partner Entities
- Search for Partner Profiles
- List of Partner Searches
- List of Partner Offers
- Other NCP partner search



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# ERA-MIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS  
TO FOSTER CIRCULAR ECONOMY

## ERA-MIN Joint Call 2017 – GfA – Stage 2 – full-proposals Selection procedures/feedback to applicants (15/16)



## ERA-MIN Joint Call 2017 – ESS/Pre-proposal submission (2/3)

COORDINATOR	Insert coordinator profile and upload Curriculum Vitae (CV) (2-pages) for 3 key personnel (maximum 2 MB) as a single pdf
PARTNERS	Add new partners (name/e-mail address). The partners will receive a notification e-mail to login and complete their profile and upload CV
PROJECT	Title/duration/start date/select one main topic and any other sub-topics
MEMBERS	Maximum 4000 characters
PI BUDGET / PARTNER	Maximum 2000 characters
MEMBERSHIP	1.1 Objectives in relation to the call topic and expected impact
METHODS	1.2. Research methodology and approach, highlighting the type of research and innovation activities proposed.
STATE OF THE ART/PROGRESS	1.3. Current state of art and progress beyond the state-of-the-art; originality and/or innovation of the concept and approach.
IMPACT	2.1. Expected outcomes and expected impacts (contribution to the expected impacts of the relevant topic and sub-topic at European and/or international level).
CONTRIBUTION	2.2. Contribution for the implementation of the Strategic Implementation Plan of the European Innovation Partnership on Raw Materials

## ERA-MIN Joint Call 2017 – GfA/Call calendar (16/16)

Call pre-announcement	1 December 2016
Publication of the Call	1 February 2017
<b>Deadline for Pre-proposal submission (mandatory)</b>	<b>5 May 2017 (17:00 CEST)</b>
Communication of pre-proposal assessment	10 July 2017
Deadline for Full Proposal submission	28 September 2017 (17:00 CEST)
Communication of full-proposal assessment	15 January 2018
Latest starting date of selected projects	1 May 2018

## ERA-MIN Joint Call 2017 – ESS/Pre-proposal submission (3/3)

IMPLEMENTATION	3.1. Describe the expertise of partners and their complementarity for the expertise of the consortium as a whole (including distribution of tasks and efforts between partners)
COORDINATOR PROFILE	Upload one pdf with Form B - statement of commitment from each partner requesting funding + Form C - statement of own funding only in the case of partners not requesting funding. Max allowed file size: 10 MB
REFERENCE	Maximum 5 keywords related to your project, separated by comma.
KEYWORDS	Requested funding costs per partner; Own contribution costs per partner in Euro
FINANCIAL PLAN	Justification of requested funding costs and the number of person-months
FINANCIAL ESTIMATION	Upload up to 5 images to be inserted in the text
FINANCIAL	Download the factsheet – current state of submitted data (all fields completed)
VALIDATION	Required data missing is indicated
SUBMIT	Submit after validation. Cannot submit until there is missing data

## ERA-MIN Joint Call 2017 – Electronic Submission System (ESS) (1/3)

- The coordinator registers at the ERA-MIN Electronic Proposal Submission System (<http://www.submission-era-min.eu/>) and receives a registration e-mail. Uploads his CV.
- The coordinator registers the partners of the consortium.
- The partners receive an email to activate their account and enter his/her own profile and CV.



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Obrigado!  
Thank you!

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## 6 PRESENTATION IN SLIDES (SHORTER VERSION)

05-05-2017

**ERA-MIN 2**  
RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

**ERA-MIN 2**  
Implement a European-wide coordination of research and innovation programmes on Raw Materials to strengthen the Industry competitiveness and the shift to a circular economy

Ms. Dina Carrilho  
ERA-MIN 2 project coordinator

**FCT**  
Research goes a little further and a little longer  
CENTRO NACIONAL DE INVESTIGACAO EM CIENCIAS

Kick-off meeting, 1-2 Dec. 2016, Brussels

**BACKGROUND**

2011-2015 - ERA-MIN - "Industrial Handling of Raw Materials for European Industries"

Consortium: 15 partners, 15 EU countries

**BACKGROUND**

✓ ERA-MIN Research Agenda (2013)

non-energy, non-agricultural raw materials

- Policy development
- Research funding
- Industrial cooperation
- Tech. Transfer

Primary Resources | Secondary Resources | Substitution of CRM

EUR 13 million of total national public funds  
17 research transnational projects of which:

- ✓ 13 projects on primary resources (Topic 1)
- ✓ 7 projects on secondary resources (Topic 2)
- ✓ 2 projects on substitution of CRM (Topic 3)

www.era-min-eu.org

**ERA-MIN 2**

- 1<sup>st</sup> December 2016 – 30<sup>th</sup> November 2021 - 5 year programme
- Network of 21 public research and innovation funding organisations (Ministries and funding agencies) from 18 countries/regions

**Pan-European consortium**

**OBJECTIVES**

- In support of the EU integrated strategy "Raw Materials Initiative" (2008) and the European Innovation Partnership on Raw Materials to **secure the sustainable and responsible industrial supply of raw materials**
- Enhance and strengthen the **synergies, coordination and collaboration** of national and regional public research and innovation (R&I) **funding programmes** from EU and non-EU countries
- Support and promote R&I cooperation in the area of **non-energy non-agricultural raw materials**.





# ERAMIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS  
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05-05-2017

**OBJECTIVES**

- Improve the efficiency and impact of human and financial investment in R&I activities to strengthen the industry competitiveness and the **shift to a circular economy**.
- Reduce the fragmentation of R&I funding across Europe and globally through the implementation of **3 joint calls for transnational R&I proposals**.

➔ **30 R&I projects  
30 million Euro**

**Main activities**

- 2017** - one Joint Call for R&I projects with EU co-funding
- 2018 and 2019** - two Joint Calls for transnational R&I proposals (*without EC co-funding*)

**OPEN**  
to participation of **funding organisations from other countries and regions**

- 2018-2021** - Follow-up of funded projects (including ERA-MIN projects). Organise mid-term and final Workshops

**Joint Call 2017**

- Horizon 2020 **ERA-NET CoFund action on Raw Materials (SC5-17-2016)**  
EU contribution **5 million Euro**
- Joint Call for R&I projects with EU co-funding by 1<sup>st</sup> February 2017**. Total Call budget including EU co-funding: **15 million Euro**
- Centralised peer-review** by Scientific Evaluation Board based on 3 main evaluation criteria: **Excellence, Impact and Implementation**.
- Selection of projects following the **ranking list** recommended by the Scientific Evaluation Panel.

**Joint Call 2017 – scope and thematic areas**

**Raw materials for the sustainable development and the circular economy**

**SCOPE: needs-driven research**  
non-energy, non-agricultural raw materials  
construction, industrial and metallic minerals

**Joint Call 2017 - Cross-cutting areas**

**Joint Call 2017 in a nutshell**

- Joint application & evaluation but **national/regional funding**
- National and regional priorities apply** – not all topics are supported by all funding organisations
- Funding rules and regulations apply:**
  - eligible partners from **academia, industry, SMEs, NGOs, public authorities** from the participating countries/regions
- Eligible type of research: fundamental and applied research** [Technology Readiness Level **TRL 1-9**]





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05-05-2017

**Joint Call 2017 in a nutshell**

- > **Partnerships academia-industry** are particularly encouraged to apply. Other types of consortia (e.g. purely industrial or academic) may also apply.
- > Consortia of **2-7 partners from 2-7 countries** (indicative maximum) - **Minimum 2 EU Member States or Associated Countries participating in the call**
- > **Average total project requested funding:** 0.3 - 1 million Euro
- > **Project duration:** between 12 and 36 months.

**Joint Call 2017**

**Call timeline**

- Joint Call Publication  
+ 1 February 2017
- Pre-proposal Submission  
+ 5 May 2017
- Full-proposal Submission  
+ 28 September 2017
- Feedback to applicants  
+ Mid January 2018
- Project Starting Date  
+ 1 May 2018

**Partner information:**  
 Ms. Dina Corallo  
 ERA-MIN 2 project coordinator  
 Email: [eramin@cti.pt](mailto:eramin@cti.pt)  
 Call pre-announcement  
[www.era-min.eu](http://www.era-min.eu), or [g](http://g)  
 Website:  
[www.era-min.eu](http://www.era-min.eu) (from Feb. 2017)

