



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: 1st December 2016

Duration: 60 months

DELIVERABLE D7.3

CALL 2018 PROMOTION MATERIAL

WP 7: Joint Calls without EU co-funding

Task 7.2: Promotion of Joint Calls and funded projects

Task Leader: CONICYT

Lead beneficiary: CONICYT

Type: Report

Dissemination level: Public

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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.

Publishable summary:

The ERA-MIN Joint Call 2018 was first pre-announced during the Raw Materials Week 2017, among other events, and announced during the Raw Materials Week 2018, where leaflets and project catalogues were distributed, after the call publication on 31st October 2018 on the ERA-MIN 2 webpage. Online partner search tools were made available to help consortia building.

All the 24 participating funding organisations have promoted the Call at their own websites and at national/regional brokerage events/Info days that took place in their respective countries/regions, information that is available at the ERA-MIN 2 webpage. Moreover, a call dissemination kit composed of i) poster, ii) call pre- and announcement; iii) flyer and iv) slides presentation was assembled and made available to all funding organisations that could be customised to the different audiences in events, conferences or seminars and even translated to other languages.

The ERA-MIN Joint Call 2018 was also promoted by on-going projects and initiatives that support the raw materials sector, at the EU-Canada Raw Materials Stakeholders Forum Steering Committee meeting and at the first governmental EU-Canada Bilateral Dialogue on Raw Materials meeting.



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1. INTRODUCTION

A dissemination toolkit was created containing different promotional materials with the goal of raising awareness about the project ERA-MIN 2 among other funding organisations, and to promote the ERA-MIN Joint Call 2018 amongst potential applicants.

The toolkit and other dissemination materials were revised and improved based on the lessons learnt from the EU Co-funded ERA-MIN Joint Call 2017 promotional materials and its dissemination.

For the ERA-MIN Joint Call 2018, funding organisations from other countries or regions that have demonstrated interest in ERA-MIN 2 before, or were targeted by the ERA-NET, were invited to join the Call 2018. As a result, six funding organisations non-partners of ERA-MIN 2 decided to join as observers, making in total 24 funding organisations participating in the Call 2018, from 16 countries and 6 regions, namely:

- **EU countries/regions:**

Belgium – Brussels, Belgium – Flanders, Belgium – Wallonia, Finland, France, Germany, Greece, Italy – Calabria, Ireland, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Spain – Castile y León, Sweden.

- **EU Associated Country:**

Turkey.

- **Non-EU countries/regions:**

Brazil, Canada – Québec, Chile and South Africa.

The funding organisations participating in the Call 2018 (both ERA-MIN 2 partners as well as observers) committed themselves to the promotion of the joint call at national/regional level via the most appropriated channels of communications in close cooperation with related stakeholders. Therefore, the Call 2018 was widely publicised by the funding organisations to attract interest from all relevant groups, mainly the research community related to non-energy, non-agricultural raw materials (metallic, construction and industrial minerals sectors), the Industry, Horizon 2020 National Contact Points, technology platforms, international cooperation projects on R&I, programme owners, programme managers and the R&I funding organisations.

The funding organisations approached these target groups via multipliers, intermediaries, and facilitators, such as, the ERA-MIN 2 website, the funding organisation's websites, newsletters, publications, dedicated national/regional or international events related to raw materials and relevant social networks, such as, LinkedIn and Twitter.

2. CALL DISSEMINATION TOOLKIT

The funding organisations participating in the ERA-MIN Joint Call 2018 were provided with an ad-hoc toolkit aiming to support them in the dissemination of the call. This toolkit was uploaded to the “Partner Area” (private area) of ERA-MIN 2’s website and includes the following material:

- Poster;
- Call pre-announcement;
- Call announcement;
- Flyer;
- Slides presentation.

These materials could be customized by the funding organizations, taking into consideration the audience and the need to translate the materials to the national language.

2.1 POSTER

The Poster (Annex I) was first presented during the poster session of the EU Raw Material Week 2018, and it summarized the main goals of ERA-MIN 2, the results of the ERA-MIN Joint Call 2017, and the upcoming Joint Call 2018.

2.2 CALL PRE-ANNOUNCEMENT AND ANNOUNCEMENT

Before the official launch of the call, a Pre-Announcement (Annex II) was made in the ERA-MIN 2 main channels and distributed during some national events by some of the funding organisations.

The Announcement (Annex III) released on the first day of the Call – 31st of October 2018, included the call calendar and the complete list of participating funding organisations. It was used by all funding organisations.

2.3 FLYER

The 2017 ERA-MIN 2 flyer was updated (Annex IV) to include the most important dates of the Call 2018 and the main results of the Call 2017. These were distributed during several events by the funding organisations, for example, the EU Raw Materials Week 2018, in November, to appeal to potential applicants.

2.4 PRESENTATION IN SLIDES

A template of a PowerPoint presentation (Annex V) was created to include the objectives of the ERA-MIN 2, the outcomes of the Joint Call 2017, the list of the 16 funded projects, the objectives and expected impacts of the 5 main call topics, the eligibility criteria, recommendations and online partner search tools. The slides were uploaded in the ERA-MIN 2 Partner Area and made available to all consortium partners and observers of the call, in order to be customised and used during presentations of the ERA-MIN 2 and the Call 2018 in any event by the funding organisations.

3. INTERNATIONAL AND NATIONAL/REGIONAL CALL PROMOTION

All the information relative to the ERA-MIN Call 2018 was made available at the ERA-MIN 2 website (www.era-min.eu) and news were promoted at social media (Twitter and LinkedIn).

All funding organisations updated their national/regional websites with the most important information regarding the ERA-MIN Joint Call 2018. Some organisations have dedicated a page for ERA-MIN 2 and the Call inside their own institutional websites.

All the funding organisations participating in the call had access to the Call dissemination toolkit and took part in, at least, one international/national/regional event where the Call 2018 was disseminated.

Moreover, the ERA-MIN Joint Call 2018 was also promoted by on-going projects and initiatives that support the raw materials sector. Online partner search tools were made available to facilitate consortia building.

3.1 PROMOTION AT INTERNATIONAL LEVEL

The promotion of the ERA-MIN Joint Call 2018 took place in several international events not only by the ERA-MIN 2 coordinator but also by other partners representing ERA-MIN 2, namely:

- **PROMETIA Scientific Seminar**, JUELICH presented the Joint Call 2018 at the event held on 14th December 2018, in Berlin.
- **SEG Workshop 2018**, AEI presented and disseminated the Call during the Strategic Expert Group 2018, organised in the frame of the M-ERA-NET 2, held in Madrid on 21st November.
- **EU-Canada Raw Materials Stakeholders Forum Steering Committee meeting and the first governmental EU-Canada Bilateral Dialogue on Raw Materials meeting**, FCT, as ERA-MIN 2 coordinator, is a member of the “EU-Canada Raw Materials Stakeholders Forum Steering Committee” and presented the ERA-MIN Joint Call 2018 as a framework for research and innovation cooperation between EU and Canada. The scope of the Call allows the participation of any institution, including enterprises, in joint projects with their own resources. Moreover, the universities and colleges of Québec-Canada could request funding in the transnational research projects because “Fonds de recherche Québec – Nature et technologies” (FRQNT) has committed €400.000 to support the researchers from Québec.
- **EU Raw Materials Week 2018**, held in Brussels (Belgium) from 12th to 16th November, the ERA-MIN 2 coordinator (FCT) presented the ERA-MIN Joint Call 2018 during the “Horizon 2020 Raw Materials Information and Brokerage Event” on 13th November. The ERA-MIN 2 poster was presented from 12th to 14th and more than 300 flyers and catalogue of projects 2017 were distributed. In addition, ERA-MIN 2 and the 2018 Call was published in the DG GROW leaflet along with the 2019 Horizon 2020 Calls.
- **Vienna Industrial Technologies Conference**, the ERA-MIN 2 coordinator (FCT) participated in the M-ERA.NET booth and in the [matchmaking event](#) where leaflets, projects catalogues and the announcement of the Call 2018 were distributed, on the 30th and 31st of October.

- **Advanced Materials and Related Technologies Governance From a Sector-based to a Problem-solving Oriented Programme**, the ERA-MIN 2 coordinator (FCT) presented the call announcement, on the 29th October in Vienna during pitch presentation session.
- **International Mineral Processing Symposium**, from 23rd to 25th October 2018 in Antalya/Turkey, TUBITAK, ERA-MIN 2 partner, presented ERA-MIN 2 and the Call 2018 and project flyers and project catalogues were distributed.
- **EIT RawMaterials Brokerage Event** held in Berlin (Germany) on 15th and 16th October 2018, during the event JUELICH, ERA-MIN 2 partner, presented the Call on 15th October, and project flyers and project catalogues were distributed.
- **Horizon 2020 Environment and resources Information Days - SC5 Calls 2019**, held in Brussels, Belgium, the ERA-MIN 2 coordinator introduced the ERA-MIN 2 project and pre-announced the ERA-MIN Joint Call 2018, on the “Raw Materials” session, on the 11th September. Bilateral meetings with potential applicants took place on 12th September during the Matchmaking activities and ERA-MIN Joint Call 2018 was disseminated at the Opportunities stage during coffee-break.
- **EU Raw Materials Week 2017**, held in Brussels from 6th to 10th November, where a poster was presented and ERA-MIN2 project flyers were distributed.
- **Information Days HORIZON 2020 Societal Challenge 5 - 2018 Calls**, Brussels, 8-9 November 2017, the ERA-MIN 2 coordinator pre-announced the ERA-MIN Joint Call 2018 during the “Raw Materials” session on 9th November and have distributed flyers at the bilateral meetings during the matchmaking event.

3.2 PROMOTIONAL AT NATIONAL/REGIONAL LEVEL

The funding organisations disseminated the Joint Call 2018 at national or regional level in their respective countries. The table below summarizes the main channels and events used to promote the Call per country.

Brazil - Finep
<p>Mainly online promotion of the Call through several channels: News publication on the FINEP’s website News publication on the MCTIC’s website News publication on FAPESP’s website News publication on CETEM’s website News publication in research and innovation dedicated websites: ABGI Group, ABES, Universidade Federal de Ouro Preto, Universidade Federal de Campina Grande, Incubadora INPA.</p>
Belgium
<p>Innoviris organized and promoted the Call 2018 during the Infoday, on 29th October.</p> <p>VLAIO (Flemish agency for R&D funding for companies) together with VITO (Flemish research organization in the area of cleantech and sustainable development) actively promoted the Call</p>



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2018 in Flanders (Belgium). The following organizations were contacted and asked to spread the information on the call amongst their members:

- SIM-FLANDERS (virtual research centre, collaboration Flemish Materials Industry and the Flemish Universities, to strengthen the scientific materials base and to build technology platforms)
- AGORIA (federation of the companies of the Belgian technological industry; sectoral employers' organization)
- go4circle (business federation of the circular economy)

The call was promoted on the following websites: VLAIO, VITO, SIM-FLANDERS, AGORIA.

SPW-Wallonie organized an half day presentation of all the European projects/programmes in which SPW was involved, including ERA-MIN Joint Call 2018.

Chile - CONICYT

The ERA-MIN Joint Call was promoted mainly by website and national newspaper advertisement.

Finland – Business Finland

The ERA-MIN Joint Call was promoted mainly by email to interested stakeholders, organisations and applicants.

France

ADEME and ANR organised jointly a national brokerage event.

A national event was held on September 28th in Paris in the framework of the French “Mirror group on Raw Materials”, led by the French Ministry for the Ecological and Inclusive Transition. The conference brought together about 60 attendees, mainly researchers and industrial stakeholders where the forthcoming ERA-MIN Joint Call 2018 was presented.

Germany - JUELICH

Information Event on recycling of wind power plants on 19th Nov 2018, in Magdeburg.

The European and National Resource Forum, 27th to 29th November 2018, where dissemination material (flyers and projects catalogue) was distributed at a booth

Italy – Regione Calabria

During the "Environment Innovation Cluster" kick off meeting, Mr. Menotti Lucchetta presented the ERA-MIN Joint Call 2018, on December 19th in Catanzaro.

Poland - NCBR

A newspaper advertisement of the call was also published.

Portugal - FCT

Call pre-announcement translated to Portuguese and distributed at the event Ciência 2018 in July, in Lisbon.

Call also promoted at the [website](#) on circular economy managed by the Ministry of Environment.

Dissemination by email by the [Portugal Minerals Resources Cluster](#).



South Africa - DST
<p>H2020 Workshop in Johannesburg, presentation of the Call by DST, ERA-MIN 2 partner, during the ESASTAP 2020: Horizon 2020 Information Sharing Session on Funding Opportunities held in Johannesburg (South Africa) on 11th October 2018.</p> <p>The DST arranged ERA-MIN Joint Call 2018 promotion sessions at various institutions, as part of the Horizon 2020 Information Sessions carried out under the SA-EU ESASTAP programme through the roadshows.</p> <p>Other Institutions where ERA-MIN Call 2018 was presented:</p> <ul style="list-style-type: none"> • University of Free State (25 July 2018); • Sol Plaatjie University (8 August 2018); • The Department of Science & Technology, Pretoria (14 November 2018); • Centre for High Performance Computing, Cape Town (15 November 2018).
Spain - AEI
<p>AEI disseminated and promoted ERA-MIN Joint Call 2018 in the Spanish technological platforms addressing the materials fields, during the General Assembly of MATERPLAT, the Spanish Platform for advanced materials and nanomaterials, held in Madrid on 11th July.</p> <p>Dissemination and promotion of the call 2018 by AEI during the BIOPLAT - Spanish Biomass Technology Platform meeting and during the MATERPLAT, the Spanish Platform for advanced materials and nanomaterials, on the 23rd and 25th of October, respectively.</p>
Sweden - Vinnova
<p>Promotion of the Call by email to interested stakeholders, organisations and applicants.</p> <p>The national programme 'STRIM' announced the call on their website, with a presentation during the conference for the National Programme SIP STRIM, on September 27th, in Luleå.</p> <p>Both ERA-MIN 2 and the Call 2018 were presented in Australia during a Workshop with METS ignited.</p> <p>The call was announced at the SIPSTRIM website.</p>
Turkey - TUBITAK
<p>ERA-MIN Call 2018 announced on 22 November at the Özyeğin University website.</p>

3.3 ONLINE PARTNER SEARCH TOOLS

The ERA-MIN 2 website made available the access to three different online partner search tools in the section "[Partner search](#)" to help all researchers interested in the ERA-MIN2 Joint Transnational Calls to establish possible cooperation and to create competitive consortia. These online partner search tools were also promoted at the institutional partner's website:

- [NCPs CaRE](#) **Climate action, Environment, Resource Efficiency and Raw Materials**, as previously done for the ERA-MIN Joint Call 2017, the ERA-MIN 2 coordinator contacted the person responsible for the platform who agreed to publish the Call 5 main topics and respective sub-topics on their Partner Search Tool along with the Horizon 2020 call topics. Therefore, by the end of the Call in January, there were 40 entries specific for





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the ERA-MIN call topics, of which 21 aimed to search or reach new partners to build a proposal consortia;

- European Commission's [partner search service](#);
- Enterprise Europe Network (ENN) offers a general [partner search tool](#).



3.4 PROMOTION BY EUROPEAN PROJECTS AND INITIATIVES

The ERA-MIN Call 2018 was widely promoted and disseminated by other channels and websites of many European projects related to raw materials and the circular economy:

- ERA-LEARN 2020 [calendar](#);
- European Innovation Partnership on Raw Materials (DG GROW) Newsletter;
- INCOBRA, during the workshop [FCT introduced ERA-MIN 2 and the Call 2018](#) to several Brazilian funding organisations as a successful case study of joint call implementation;
- [BIO-PEN](#) project;
- [GEOERA](#) project;
- [PROMETIA](#) project;
- [UP2Europe](#), the first ideas accelerator for European Projects;
- [Ecobuild.brussels](#), the network of Brussels' sustainable construction and renovation actors;
- [SYNHERA.BE](#);
- [HPD Consulting](#) – EU funding consultancy;
- [CircularEconomy.Brussels](#) .



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ANNEX I – POSTER



Co-funded by the Horizon 2020 programme
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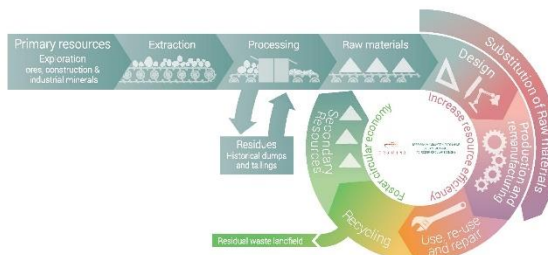


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RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

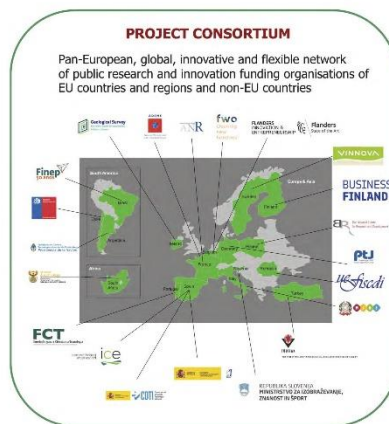


Coordination, collaboration and synergies between national and regional EU and non-EU public research and innovation (R&I) funding programmes to secure the sustainable and responsible industrial supply of raw materials and the shift to a circular economy.

Support and promote R&I cooperation in the area of non-energy non-agricultural raw materials (construction, industrial and metallic minerals).

Reduce the fragmentation of R&I funding across Europe and globally through the implementation of 3 Joint Calls for transnational R&I proposals in 2017, 2018 and 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.



ERA-MIN Joint Call 2018 Raw materials for the sustainable development and the circular economy

Important dates

- October 31, 2018 - Call for proposals opens
- January 31, 2019 - Call for proposals closes
- May 14, 2019 - Communication of call results
- November 1, 2019 - Latest date for project start

Call documents and Electronic Submission System are available at www.era-min.eu/call

Call scope and topics

The scope of the 2018 Joint Call is needs-driven research addressing all aspects of the non-energy non-agricultural raw materials life cycle covering both primary and secondary resources. The thematic areas are:

- Supply of raw materials from exploration and mining
- Design
- Processing, Production and Remanufacturing
- Recycling and Re-use of End-of-Life Products
- Cross-cutting topics

Proposals within Topic 5 are expected to propose non-technological innovations regarding:

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

Who can apply?

- All stakeholders in the raw materials value chain, including academia, industry, NGOs, public authorities and civil society who meet the eligibility criteria.
- Applicants not requesting funding can be partners of the consortium on the condition that they provide evidence of the availability of their own funds to cover their costs.
- Each consortium must be composed of at least three independent legal entities eligible to request funding from the Funding Organisations of, at least, two different

countries whereof at least one is a EU Member State or EU Associated Country participating in the Call.

- The coordinator of the consortium must be eligible for funding and be established in a country or region participating in the Call.
- Applicants are obliged to check with their national/regional contact point about the relevant national/regional regulations.

Participating countries and regions

The countries and regions that participate in the ERA-MIN Joint Call 2018 are:

EU countries/regions: Belgium-Brussels, Belgium-Flanders, Belgium-Wallonia, Finland, France, Germany, Greece, Italy-Calabria (to be confirmed), Ireland, Poland, Portugal, Romania, Slovakia, Slovenia, Spain; Spain - Castilla y León, Sweden.

EU Associated country: Turkey

Non-EU countries: Brazil, Canada-Quebec, Chile and South Africa.

For further information, please contact the Joint Call Secretariat (eramin@fct.pt)

More information is available at www.era-min.eu @eranetmin2 www.linkedin.com/in/era-min-2-joint-calls-102ba271

Further information: COORDINATOR INSTITUTO DE FCT - Fundação para a Ciência e a Tecnologia - Portugal (eramin@fct.pt) More information at www.era-min.eu

Follow us on social media icons



This project has received funding under grant agreement n° 720228 Project duration 1 December 2016 - 30 November 2021

ERA-MIN JOINT CALL 2017 at a glance

Raw materials for sustainable development and the circular economy

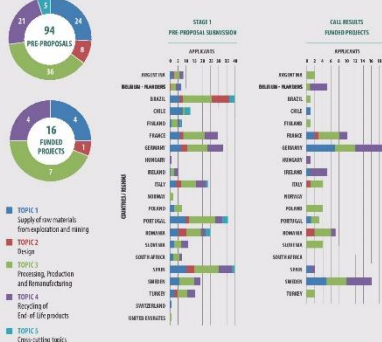
SCOPE

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

BUDGET

€15 million (sum of national/regional funds and EU contribution)

	STAGE 1 PRE-PROPOSAL SUBMISSION (01.08 - 04.09 2017)	STAGE 2 FULL PROPOSAL SUBMISSION (01.10 - 10.10 2017)	CALL RESULTS FUNDED PROJECTS (04.01 2018)
PROPOSALS	94	35	16
APPLICANTS	493	185	88
APPLICANTS FROM ENTERPRISES	27%	33.3%	38.6%
TOTAL COSTS (€)	81.2 MILLION	34 MILLION	16 MILLION
TOTAL REQUESTED FUNDING (€)	61.7 MILLION	25.7 MILLION	12.3 MILLION



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



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ANNEX II – CALL PRE-ANNOUCEMENT



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Pre-announcement ERA-MIN Joint Call 2018

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

Important dates

- **October 31, 2018** - Call for proposals opens
- **January 31, 2019** - Call for proposals closes
- **May 14, 2019** - Communication of call results
- **November 1, 2019** - Latest date for project start

Call documents will be available at www.era-min.eu/call

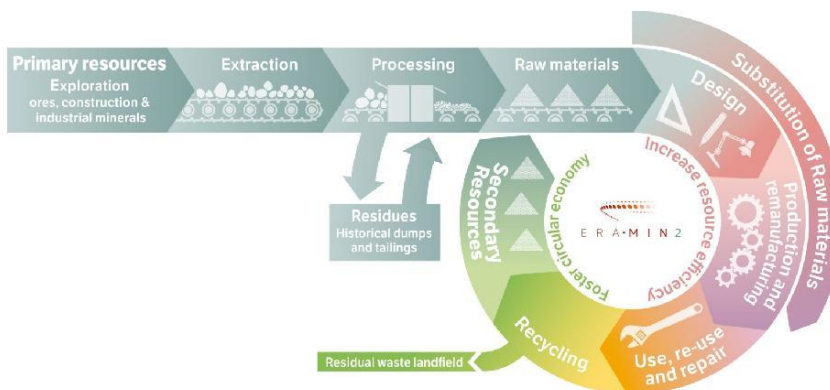
2018 Call scope and topics

The scope of the 2018 Joint Call is needs-driven research addressing all aspects of the non-energy non-agricultural raw materials life cycle covering both primary and secondary resources. The thematic areas are:

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

Proposals within Topic 5 are expected to propose non-technological innovations regarding:

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





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Who can apply?

- All stakeholders in the raw materials value chain, including academia, industry, NGOs, public authorities and civil society who meet the eligibility criteria.
- Applicants not requesting funding can be partners of the consortium on the condition that they provide evidence of the availability of their own funds to cover their costs.
- Each consortium must be composed of at least **three independent legal entities** eligible to request funding from the Funding Organisations of, at least, **two different countries** whereof at least **one is a EU Member State or EU Associated Country** participating in the Call.
- The coordinator of the consortium must be eligible for funding and be established in a country or region participating in the Call.

Applicants are obliged to check with their national/regional contact point about the relevant national/regional regulations.

Participating countries and regions

The participating funding organisations (ministries, funding agencies, regions) are not only the partners of ERA-MIN 2 but also other countries and regions that wish to coordinate their funding programmes with ERA-MIN 2. The updated list of countries/regions participating in this call will be announced in September 2018. The countries and regions that are planning to participate in the **ERA-MIN Joint Call 2018** are:

EU countries/regions:

Belgium-Flanders; Belgium-Wallonia (*to be confirmed*); Finland; France; Germany (*to be confirmed*); Italy-Calabria (*to be confirmed*); Ireland; Poland; Portugal (*to be confirmed*); Romania; Slovakia; Slovenia; Spain (*to be confirmed*); Spain - Castilla y León; Sweden

EU Associated country: Turkey

Non-EU countries: Brazil, Chile and South Africa

About ERA-MIN 2

ERA-MIN 2 is a Pan-European, global, innovative and flexible network of 21 public research and innovation funding organisations of EU countries and regions and non-EU countries that aims to develop the **non-energy and non-agricultural raw materials** sector: **metallic, construction and industrial minerals**. ERA-MIN 2 has successfully implemented an EU co-funded joint call for collaborative R&I projects in 2017. As a result, 16 transnational projects were supported with 12.3 million Euros of public funding and 16 million total costs. The additional joint calls will be implemented without EU funding and with national and regional funds only.

For further information, please contact the Joint Call Secretariat (eramin@fct.pt)
More information will be available at www.era-min.eu



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Co-funded by the Horizon 2020 programme
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ANNEX III – CALL ANNOUNCEMENT



RESEARCH & INNOVATION PROGRAMME
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Announcement ERA-MIN Joint Call 2018

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

Important

- **October 31, 2018** – Call publication
- **November 20, 2018** - Call for proposals opens
- **January 31, 2019** - Call for proposals closes
- **May 14, 2019** - Communication of call results
- **November 1, 2019** - Latest date for project start
- **€14.5 million** - Total Call budget
- **Call documents** available at <https://www.era-min.eu/joint-call/era-min-joint-call-2018>

Call scope and topics

The **scope** of the Call is **needs-driven research and innovation** on all aspects of the non-energy non-agricultural raw materials (**metallic, construction and industrial minerals**) life cycle covering both primary and secondary resources and substitution of Critical Raw Materials in a **circular economy** approach.

The five thematic areas 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 product
- 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 of used products and components
- 3.3. Increase resource efficiency using information and communication technologies (ICT)

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
- 4.3. Recovery of raw materials from End-of-life products
- 4.4. Increase recycling of End-of-Life products through information and communications technologies (ICT)

5. Cross-cutting topics

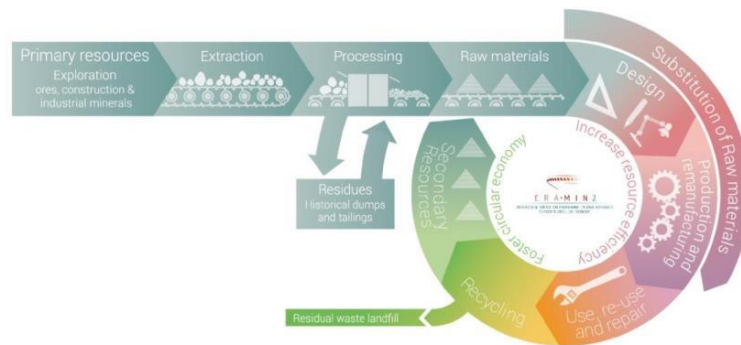
- 5.1. New business models
- 5.2. Improvement of methods or data for environmental impact assessment
- 5.3. Social acceptance and trust/public perception of raw materials





ERA-MIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY



Who may apply?

- All stakeholders in the raw materials value chain, including academia, SMEs, industry, NGOs, public authorities and civil society who meet the eligibility criteria.
- Partners not requesting funding may be part of the consortium if they support their own costs.
- Each consortium must be composed of at least **three independent legal entities** eligible to request funding from the Funding Organisations of, at least, **two different countries** whereof at least **one is a EU Member State or EU Associated Country** participating in the Call. The **coordinator** of the consortium must be eligible for funding and be established in a country or region participating in the Call.

Applicants are obliged to check with their national/regional contact point about the relevant national/regional regulations.

Participating countries and regions

Please note that the participating funding organisations (ministries, funding agencies, regions) are not only ERA-MIN 2 partners. Additional Funding Organisations from Belgium-Brussels, Belgium-Wallonia, Canada-Québec, Greece, Italy-Calabria and Slovakia are participating:

EU countries/regions:

Belgium-Brussels; Belgium-Flanders; Belgium-Wallonia; Finland; France; Germany; Greece; Italy-Calabria; Ireland; Poland; Portugal; Romania; Slovakia; Slovenia; Spain; Spain - Castilla y León; Sweden.

EU Associated country: Turkey.

Non-EU countries: Brazil, Canada-Québec, Chile and South Africa.

About ERA-MIN 2

ERA-MIN 2 is a Pan-European, global, innovative and flexible network of 21 public research and innovation funding organisations of EU countries or regions and non-EU countries. The purpose is to develop the **non-energy and non-agricultural raw materials** sector: **metallic, construction and industrial minerals**. **ERA-MIN 2** has successfully implemented an EU co-funded joint call for collaborative R&I projects in 2017. As a result, 16 transnational projects were supported with €12.3 million of public funding and €16 million total costs. The additional joint calls will be implemented with national or regional funds only (without EU co-funding).

For further information, please contact the Joint Call Secretariat (eramin@fct.pt)

www.era-min.eu

@eranetmin2

[Linkedin.com/in/era-min-2-joint-calls-102ba271](https://www.linkedin.com/in/era-min-2-joint-calls-102ba271)

4th of December 2018



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RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY

PAN-EUROPEAN, INNOVATIVE AND FLEXIBLE NETWORK
OF PUBLIC RESEARCH AND INNOVATION FUNDING ORGANISATIONS



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

FOLLOW US

- www.era-min.eu
- [@eranetmin2](https://twitter.com/eranetmin2)
- www.linkedin.com/in/era-min-2-joint-calls-102ba271

COORDINATION

PORTUGAL
PROJECT COORDINATOR Mrs. Dina Carrilho
PROJECT MANAGER Ms. Ana Luisa Lavado
E-MAIL eramim@fct.pt



PARTNERS

- | | | | |
|---------------------------------|---------------------------|-------------------|------------------------------|
| MINCYT, Argentina | Business Finland, Finland | MIUR, Italy | CDTL, Spain |
| FWO, Belgium - Flanders | ADEME, France | NCBR, Poland | MINECO-AEI, Spain |
| Hermesfonds, Belgium - Flanders | ANR, France | UEFISCDI, Romania | ICE, Spain - Castilla y León |
| Finep, Brazil | JUELICH, Germany | MIZS, Slovenia | Vinnova, Sweden |
| CONICYT, Chile | GSI, Ireland | DST, South Africa | TUBITAK, Turkey |



This project has received funding under Grant agreement n° 730238.
Funding Scheme ERA-NET Cofund



ANNEX IV – FLYER

UPCOMING SCHEDULE



- 31 OCTOBER 2018**
2018 Joint Call for international R&I collaborative projects
- 31 JANUARY 2019**
Deadline for full-proposal submission to 2018 Joint Call
- 14 MAY 2019**
Communication of results from 2018 Joint Call
- DECEMBER 2019**
Launch of the third ERA-MIN Joint Call for international R&I 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 2018 and 2019 Joint Calls
- 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 2018/2019 joint calls for transnational R&I projects to support the internationalization of your academia, 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



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ERA-MIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

PROJECT ACTIVITIES

Coordination, collaboration and synergies between national and regional EU and non-EU public research and innovation (R&I) funding programmes.

Secure the sustainable and responsible industrial supply of raw materials to strengthen the industry competitiveness and the shift to a circular economy.

Support and promote R&I cooperation in the area of non-energy non-agricultural raw materials (construction, industrial and metallic minerals).

Reduce the fragmentation of R&I funding across Europe and globally through the Implementation of 3 Joint Calls for transnational R&I proposals.

Call topics are based on challenges and priorities identified in the ERA-MIN Research Agenda (2013) that support the transition to a circular economy.

ERA-MIN joint calls scope is needs-driven R&I in exploration, extraction, processing, recycling and substitution of raw materials covering the whole innovation chain.

ERA-MIN joint calls will support partnerships between academia, industry, SMEs, NGOs and public authorities, to provide them access to leading knowledge and new markets across Europe and worldwide.

Open 2018 and 2019 joint calls to participation of funding organisations from countries and regions across the world.

CONSORTIUM

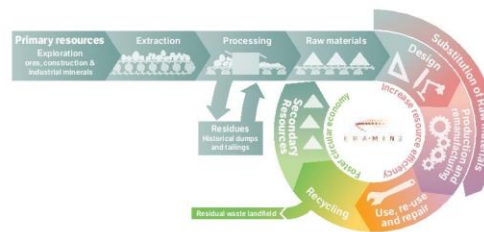
Pan-European network of 21 public research and innovation funding organisations from:

11

EU Member States countries
Finland Italy Slovenia
France Poland Spain
Germany Portugal Sweden
Ireland Romania



16 million euros TOTAL COST
5 million euros EU CONTRIBUTION
60 months (2016 - 2021) DURATION



ERA-MIN JOINT CALL 2017 at a glance

Raw materials for sustainable development and the circular economy

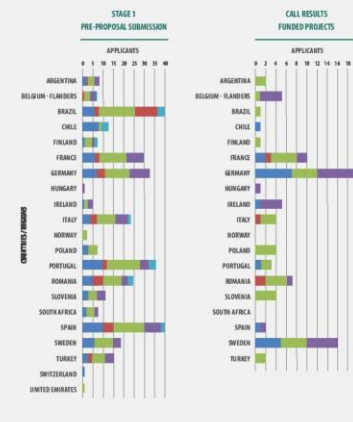
SCOPE

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

BUDGET

€15 million (sum of national/regional funds and EU contribution)

	STAGE 1 PRE-PROPOSAL SUBMISSION (FEB - MAY 2017)	STAGE 2 FULL-PROPOSAL SUBMISSION (JUL - SEP 2017)	CALL RESULTS FUNDED PROJECTS (OCT 2018)
PROPOSALS	94	35	16
APPLICANTS	493	186	88
APPLICANTS FROM ENTERPRISES	27%	33.3%	38.6%
TOTAL COSTS (€)	81.2 MILLION	34 MILLION	16 MILLION
TOTAL REQUESTED FUNDING (€)	61.7 MILLION	25.7 MILLION	12.3 MILLION



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RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

ANNEX V – PRESENTATION IN SLIDES

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

Name of the event
Date, location, country

About ERA-MIN 2 (2016-2021)

- Global, innovative and flexible pan-European network of 21 public research Funding Organisations from 17 countries/regions
- Horizon 2020 ERA-NET Cofund on Raw Materials (Societal Challenge 5)
- Supports and promotes research and innovation (R&I) cooperation through world-wide coordinated funding of transnational R&I collaborative projects.
- Aims to support the European Innovation Partnership on Raw Materials, the EU Raw Materials Initiative and the EU's transition to a Circular Economy
- Secure the sustainable and responsible industrial supply of primary resources

ERA-MIN 2 aims to develop the non-energy, non-agricultural raw materials sector: metallic, construction and industrial minerals.

ERA-MIN 2 Consortium: 11 EU Member States countries, 2 EU MS regions, 1 EU Associated country, 4 countries outside EU

Logos of consortium members: COMPTON, FAWO, AERIAL, STANISLAS, FINEPI, BUSINESS FINLAND, PUJ, FCT, etc.

EU co-funded ERA-MIN Joint Call 2017

Total call budget ca. 15 Mio €
EU co-funding: ca. 5 Mio €

February 2017 - January 2018
Project's start date: 2018
Project duration: 24-36 months

Partnerships established within the 16 funded transnational projects

94 submitted pre-proposals
493 applicants
27% Enterprises

16 projects selected for funding
88 beneficiaries
39% Enterprises (34)
80% academia-industry projects

12.3 Mio EUR - Total funding (16 projects)
16 Mio EUR - Total costs (16 projects)

2 - 8 - Nº of countries per project
4 - 11 - Nº of partners per project

0.5 - 1.5 Mio EUR - Total costs/funding per project

Call sub-topics addressed by the 16 funded projects

1. Exploration/ mining

2. Design

3. Production/ Remanufacturing

4. Recycling of End-of-Life products

5. Cross-cutting topics

ERA-MIN Joint Call 2017 – 4 funded projects address Topic 1. Supply of raw materials from exploration and mining

Call sub-topics	Project Keywords	Countries /regions	Project acronym/title
1.1: Exploration	Li-deposit exploration, drone, SWIR, LIBS, integrated software solutions	France, Portugal, Germany	LIGHTS Lightweight Integrated Ground and Airborne Hyperspectral Topological Solution
1.1: Exploration	Exploration, magnetics, airborne, FTMS/3D-VN/OPM, High resolution	Germany, Sweden, Spain	AMTEG Advanced Magnetic Full Tensor Gradiometer instrument
1.2: Mining operations	Sensor fusion, LIBS, multi energy X-ray, mining, geological modelling	Germany, Chile, Sweden	REWO-SORT Reduction of Energy and Water consumption of mining Operations by fusion of sorting technologies LIBS and ME-XRT
1.1: Exploration	Innovative, gold targeting, 3D modelling, microanalysis	Ireland, Sweden	Gold Insight Tracing Gold-Copper-Zinc with advanced microanalysis





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RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY

ERA-MIN Joint Call 2017 – 1 funded projects address **Topic 2. Design**

Call sub-topics	Project identifier	Countries /regions	Project acronym/title
<p>2.1: Product design for increased raw material efficiency</p> <p>2.4: Product design for critical materials substitution</p>	Monazite, rare earth oxides, doped zirconia, thermal barrier coatings, sintered zirconia	Romania, Italy, France	<p>MONAMIX</p> <p>New concepts for efficient extraction of mixed rare earths oxides from monazite concentrates and their potential use as dopant in high temperature coatings and sintered materials</p>

ERA-MIN Joint Call 2017 – 7 funded projects address **Topic 3.**

Call sub-topics	Project identifier	Countries /regions	Project acronym/title
<p>2.4: Product design for critical materials substitution; 3.2: Increase resource efficiency through recycling of residues or remanufacturing</p>	Phosphorus recycling, P from manure ash, P-concentration, P-sustainability, Zero waste	Portugal, Brazil, Italy, Poland, Romania, Sweden, Turkey, France	<p>Desaphor</p> <p>Design of a product for SUBSTITUTION of phosphate node</p>
<p>3.1: Increase resource efficiency in resource intensive production processes</p>	Lithium, membrane electrolysis, water recovery, life cycle analysis, magnesium	Argentina, Belgium/ Flanders, Sweden	<p>Li-Water</p> <p>Membrane electrolysis for resource-efficient lithium and water recovery from brines</p>
<p>3.2: Increase resource efficiency through recycling of residues or remanufacturing</p>	Waste recycling, slag, fibers, alkali activated foams	Slovenia, Finland, Italy	<p>FLOW</p> <p>Lightweight alkali activated composite foams based on secondary raw materials</p>
<p>3.1: Increase resource efficiency in resource intensive production processes; 3.2: Increase resource efficiency through recycling of residues or remanufacturing</p>	Mining wastes, mineral processing, hydrometallurgy, base and precious metals, economic and environmental assessment	France, Romania, Turkey, Poland	<p>MINTECO</p> <p>integrated eco-technology for a selective recovery of base and precious metals in Cu and Pb mining by-products</p>

ERA-MIN Joint Call 2017 – 7 funded projects address **Topic 3. Processing, Production and Remanufacturing**

Call sub-topics	Project keywords	Countries /regions	Project acronym/ title
<p>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; 3.2: Increase resource efficiency through recycling of residues or remanufacturing; 3.3: Increase resource efficiency using information and communication technologies (ICT); 4.1: 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); 5.1: New business models; 5.2: Improvement of methods or data for environmental impact assessment</p>	Circular economy, magnet recycling, NdFeB magnets, end-of-life magnets, Eco-labelling	Slovenia, Germany, Sweden	<p>Maxcycle</p> <p>A novel circular economy for sustainable RE-based magnets</p>

ERA-MIN Joint Call 2017 – 7 funded projects address **Topic 3. Processing, Production and Remanufacturing**

Call sub-topics	Project keywords	Countries /regions	Project acronym/ title
<p>3.1: Increase resource efficiency in resource intensive production processes; 3.2: Increase resource efficiency through recycling of residues or remanufacturing; 5.2: Improvement of methods or data for environmental impact assessment</p>	Bottom Ash, Metal Recovery, Construction Minerals, Recycling, Waste Minimization	Germany, Italy, Sweden	<p>BASH-TREAT</p> <p>Optimization of bottom ash treatment for an improved recovery of valuable fractions</p>
<p>3.2: Increase resource efficiency through recycling of residues or remanufacturing; 4.3: Recovery of raw materials from End-of-life products</p>	Rare earth elements, recycling, magnetic nanomaterials, e-waste, selectivity	Slovenia, Sweden, Argentina, France	<p>MetRecycle</p> <p>Recycling of metals using functionalised magnetic nanoparticles (FMNP)</p>

ERA-MIN Joint Call 2017 – 4 funded projects address **Topic 4. Recycling of End-of-Life products**

Call sub-topics	Project keywords	Countries /regions	Project acronym/ title
<p>3.1: Increase resource efficiency in resource intensive production processes; 3.2: Increase resource efficiency through recycling of residues or remanufacturing; 4.3: Recovery of raw materials from End-of-life products; 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</p>	Critical Raw Materials, biometalurgy, sulfate reduction, bauxite residue, fly ash	Sweden, Germany, Ireland, Hungary	<p>BIOMIMIC</p> <p>Innovative biotechnological methods for effective mining of secondary material</p>
<p>4.3: Recovery of raw materials from End-of-life products</p>	Precious metals recovery, supercritical CO ₂ , complexing surface-active polymers, spent catalysts, secondary resources	France, Romania, Germany	<p>SUPERMET</p> <p>Recovery of Precious Metals from Spent Catalysts by Supercritical CO₂ Extraction Assisted by Polymers</p>

ERA-MIN Joint Call 2017 – 4 funded projects address **Topic 4. Recycling of End-of-Life products**

Call sub-topics	Project keywords	Countries /regions	Project acronym/ title
<p>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)</p>	Bottom ash, sensor-based characterisation, sensor-based sorting, process model, optimization	Belgium/ Flanders, Germany	<p>INSTANT / INNOVATIVE SENSOR TECHNOLOGY FOR OPTIMIZED MATERIAL RECOVERY FROM BOTTOM ASH TREATMENT</p>
<p>4.3: Recovery of raw materials from End-of-life products; 5.1: New business models</p>	PCB, ASR, battery, critical metals, economic assessment, full scale plant	Ireland, Belgium/ Flanders, Germany, Spain	<p>RECEOL</p> <p>Recycling of End-of-Life Products (PCB, ASR, LCD)</p>



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TO FOSTER CIRCULAR ECONOMY

More information on the 16 projects of Call 2017 and the 17 ERA-MIN funded projects of Calls 2013-2015 are available at <https://www.era-min.eu/results>

ERA-MIN Research Agenda is available for download at: <https://www.era-min.eu/publications>

ERA-MIN Joint Call 2018

- Call calendar
- Participating countries/regions
- Call scope and topics
- Eligibility criteria
- Partner search tools

ERA-MIN Joint Call 2018 at a glance

- 31 October 2018 - Call Publication
- 31 January 2019 - Proposal submission deadline
- May 2019 - Funding decision:
- 1 Nov. 2019 – project's start latest date
- 24-36 months - Project's duration

Participating countries/regions
(to be updated by the call publication)

18 EU Member States/Associated countries and regions:
Belgium- Brussels; Belgium-Flanders; Belgium-Walonia; Finland; France; Germany; Greece; Italy- Calabria (to be confirmed); Ireland; Poland; Portugal; Romania (to be confirmed); Slovakia; Slovenia; Spain; Spain - Castilla y León; Sweden; Turkey

4 Non-EU countries: Brazil; Canada-Québec (to be confirmed); Chile; South Africa

- ca. 14 Mio EUR - Total call budget

ERA-MIN Joint Call 2018 at a glance

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.

Raw materials for the sustainable development and the circular economy

ERA-MIN Joint Call 2018 – 5 main topics

1. Supply of raw materials from exploration and mining
2. Design
3. Processing, Production and Remanufacturing
4. Recycling and Re-use 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 2018 – main topics and sub-topics

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 product
 - 2.3. Product design to promote recycling
 - 2.4. Product design for critical materials substitution





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RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY

ERA-MIN Joint Call 2018 – main topics and sub-topics

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 of used products and components
- 3.3. Increase resource efficiency using information and communication technologies (ICT)

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
- 4.3. Recovery of raw materials from End-of-life products
- 4.4. Increase recycling of End-of-Life products through information and communications technologies (ICT)

ERA-MIN Joint Call 2018 at a glance

- Joint application & evaluation but **national/regional funding**
- **Centralised international evaluation of proposals** based on the **H2020 evaluation criteria**: 1) Excellence, 2) Impact and 3) Implementation.
- Selection of projects following a **ranking list** recommended by the Scientific Evaluation Board.
- **National/regional funding rules and regulations apply:**
 - Not all **topics and sub-topics** are supported by all participating funding organisations
 - Not all **legal entities** (academia, industry, SMEs, NGOs, public authorities) are eligible for funding
 - Not all **research types** (fundamental, applied research or innovation - Technology Readiness Level TRL between 1 and 9) are eligible for funding

ERA-MIN Joint Call 2018 – eligibility criteria

Each consortium must comprise at least **three independent legal entities** eligible to request funding from the participating Funding Organisations of, at least, **two different countries** where at least **one country is an EU Member State or EU Associated Country (Turkey)** named in this call.

The **consortium coordinator** must be **eligible for funding** and be **established in a country or region participating in the Call**.

A Lead Researcher can only represent the **coordinator in one proposal** (i.e. if a Lead Researcher coordinates one proposal, he/she can only participate in other proposals as a researcher/key personnel of a consortium partner).

The **total efforts of partners from one country** in a proposal cannot exceed **70%** of the total project efforts (measured in person-months).

Project duration: between 12 and 36 months (depending on funding agency).

ERA-MIN Joint Call 2018 – eligibility criteria

The full-proposal has to be submitted by the coordinator via the **ERA-MIN Electronic Proposal Submission System by the deadline of 31 January 2019**.

The full-proposal's language is English and the technical description cannot exceed 22 pages.

Each partner requesting funding must **comply with the national/regional funding criteria and regulations** of their respective Funding Organisation to ensure the eligibility of the consortium proposal.

All **applicants requesting funding** must provide a statement of commitment (**Form B**, available at <https://www.era-min.eu/call/>), duly signed and stamped by the legal representative of the organisation or the lead researcher.

Applicants not requesting funding, or 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 to cover their costs by providing a signed declaration (**Form C** available at <https://www.era-min.eu/call/>).

Partner search tools

If you are interested in participating in the Call and you would like to search for potential partners, please use the following services:

- The platform set up by the **NCPs-CaRE website**: <http://partnersearch.ncps-care.eu/>
- The **European Commission Partner search services**:
 - https://ec.europa.eu/research/participants/portal/desktop/en/organisations/partner_search.html
 - <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search>
- The **Enterprise Europe Network** is active in more than 60 countries worldwide: <https://een.ec.europa.eu/>

HOW CAN YOU GET INVOLVED?

If you are a legal entity from university, research institute, SME, industry, NGO or public authority

- Apply as coordinator or partner, in a transnational consortium to 2018 and 2019 ERA-MIN Joint Calls
- Apply as reviewer for the scientific assessment of international R&D projects

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

- Join the **2018/2019 ERA-MIN joint calls** for transnational R& projects to support the internationalisation of your country's academia and industry

If you represent a raw materials initiative, a Horizon 2020 project, an industrial association or an international body

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





ERA-MIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY

Our project ERA-MIN2
was made possible
thanks to #H2020 funding

€30 billion is still
available in the 2018-20
Work Programme

#Invest4research

Coordination/Joint Call Secretariat: FCT- Portugal
Coordinator: Ms. Dina Carrilho
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