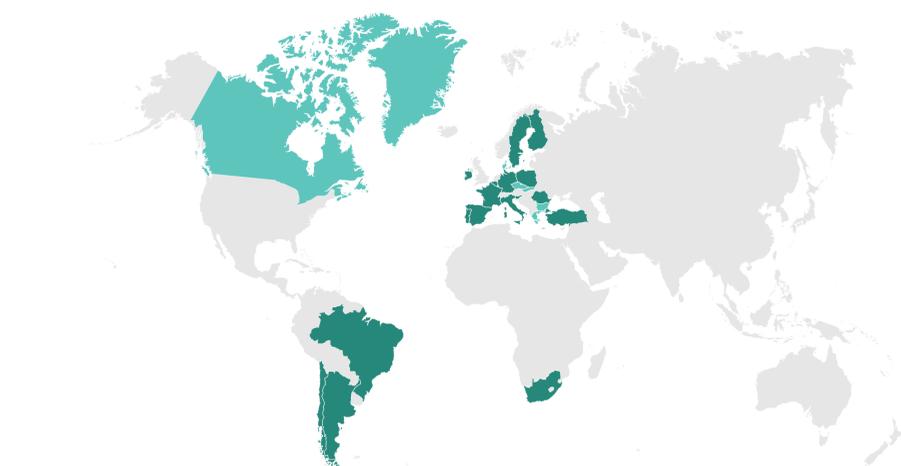


## RAW MATERIALS FOR THE SUSTAINABLE DEVELOPMENT AND THE CIRCULAR ECONOMY

- Secure the sustainable and responsible industrial supply of raw materials
- World-wide coordinated funding of demand-driven research on ores, construction & industrial minerals
- Implement 3 Joint Calls for transnational projects (2017, 2018 and 2019) to support academia, SMEs & industry

### ERA-MIN JOINT CALLS 2017 & 2018 RESULTS

	CALL 2017	CALL 2018
SUBMITTED PROPOSALS	94	51
APPLICANTS	493	280
ENTERPRISES	27%	22.1%
FUNDED PROJECTS	16	12
CALL SUCCESS RATE	17%	23,5%
TOTAL COSTS	16 MILLION	12.7 MILLION
REQUESTED FUNDING	12.3 MILLION	8.8 MILLION



#### PARTNERS

<b>Argentina</b> SGCTeIP	<b>Finland</b> Business Finland	<b>Italy</b> MIUR	<b>Spain</b> CDTI AEI	<b>OBSERVERS</b>	<b>Belgium - Brussels</b> Innoviris	<b>Bulgaria</b> GI-BAS	<b>Denmark and Greenland</b> GEUS	<b>Italy - Calabria</b> Calabria Region
<b>Belgium - Flanders</b> FWO Hermesfonds	<b>France</b> ADEME ANR	<b>Poland</b> NCBR	<b>Spain - Castille y León</b> ICE	<b>Belgium - Wallonia</b> SPW-Wallonia	<b>Canada - Québec</b> FRONT	<b>Greece</b> GSRT IGME	<b>Slovakia</b> SAS	
<b>Brazil</b> Finep	<b>Germany</b> JUELICH	<b>Romania</b> UEFISCDI	<b>Sweden</b> Vinnova	<b>Brazil - Minas Gerais</b> FAPEMIG	<b>Czech Republic</b> TACR			
<b>Chile</b> CONICYT	<b>Ireland</b> GSI	<b>Slovenia</b> MIZS	<b>Turkey</b> TUBITAK	<b>COORDINATION</b>	<b>Portugal</b> FCT			

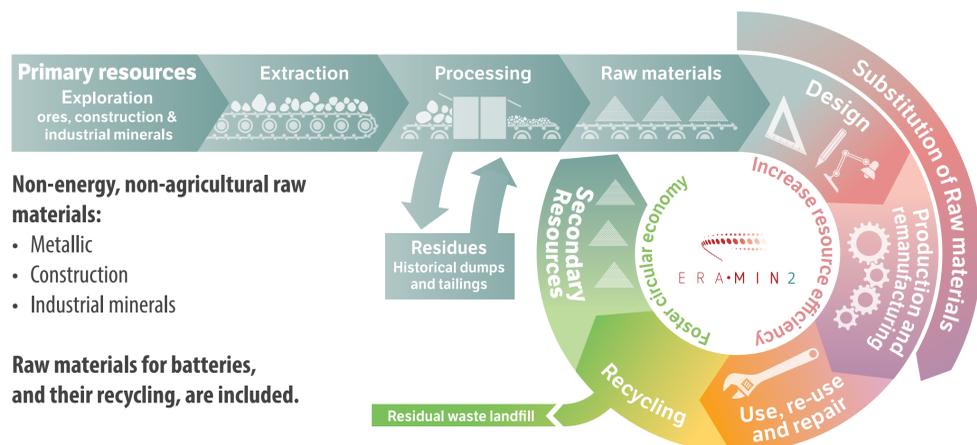
### ERA-MIN JOINT CALL 2019

#### CALL SCOPE

Needs-driven research and innovation addressing all aspects of the non-energy non-agricultural raw materials life cycle covering both primary and secondary resources, including substitution of Critical Raw Materials.

#### MAIN CALL TOPICS AND SUB-TOPICS

- TOPIC 1.** **Supply of raw materials from exploration and mining:** Exploration; Mining operations; Mine closure and reclamation.
- TOPIC 2.** **Design:** Product design for: increased raw material efficiency; for reuse or extended durability of product; to promote recycling; for critical materials substitution.
- TOPIC 3.** **Processing, Production and Remanufacturing:** Increase resource efficiency: in resource intensive production processes; through recycling of residues or remanufacturing of used products and components; using information and communication technologies (ICT).
- TOPIC 4.** **Recycling and Re-use of End-of-life products:** End-of-life products collection and (reverse) logistics; pre-processing: pre-treatment, dismantling, sorting, characterisation; Recovery of raw materials from End-of-life products; Increase recycling of End-of –Life products through information and communications technologies (ICT).
- TOPIC 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.



#### 18 PARTICIPATING COUNTRIES/REGIONS

<b>EU COUNTRIES/REGIONS</b>	Andaluzia region	Czech Republic	Poland	Slovenia
	Brussels region	Finland	Portugal	Sweden
	Flanders region	France	Romania	Turkey
	Wallonia region	Greece	Slovakia	
<b>NON-EU COUNTRIES</b>	Chile	Québec state	South Africa	

#### IMPORTANT DATES

**November 28, 2019** – Call for proposals opens

**March 12, 2020** – Call for proposals ends

**April 16, 2020** – Communication to non-eligible applicants

**June 30, 2020** – Communication of Call results

**December 1, 2020** – Latest date for project start

More information at ERA-MIN 2 website

<https://www.era-min.eu/joint-call/era-min-joint-call-2019>

Joint Call Secretariat

[eramin@fct.pt](mailto:eramin@fct.pt)

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