



# ERA-MIN 2

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS  
TO FOSTER CIRCULAR ECONOMY

## Final Conference and Final review of Call 2017 projects

### Agenda

Thursday 18th November 2021, 14:00 – 19:00 & Friday 19th November 2021, 13:00 – 16:30

Gotowebinar – Click on the link below to join the meeting: [\[Link\]](#)  
Please **register** your participation through this [\[Link\]](#)

The **ERA-MIN 2 Final Conference and Final Seminar of Call 2017 projects** will take place in a virtual format next 18th-19th November 2021, coinciding with the 2021 Raw Materials Week (15-19 Nov). The ERA-MIN 2 Final Conference will show the achievements after 5 years bridging with the recent successor pan-European network on raw materials - ERA-MIN3 (2020-2025). The Final Seminar of Call 2017 projects will gather all the funded projects representatives from the ERA-MIN 2 Research Programme to disseminate their project results to stakeholders and promote the uptake of project results by end-users, civil society or policymakers. Indeed, the final project results could contribute to the JRC RMIS Knowledge Gate. Moreover, applied research projects ending at TRL 4-5 could apply to EIT RM calls for scale-up towards higher TRL levels and the market.

### DAY 1: Thursday 18th November 2021

#### 14:00 - 14:15 Welcome

Introduction to the ERA-MIN 2 network (FCT, Portugal)

#### 14:15 – 16:35 ERA MIN 2 Final Conference (Part 1)

1. Strengthening the raw materials research community;
2. Implementation of the co-funded call and additional joint calls
3. Assessment of the implementation of the co-funded and additional calls
4. Monitoring and assessment of funded projects from the co-funded and additional calls
5. Communication, dissemination and exploitation of the results
6. Invited Speaker – EIT RawMaterials (to be confirmed)
7. Q&A





# ERAMIN 2

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

- Break -

### 16:45 – 17:00 Introduction to the Final Seminar of Call 2017 projects (Part 1)

Moderator Prof Francesca Beolchini and co-moderator Ms. Nicoleta Dumitrache

### 17:00 - 18:30 Final results of funded projects from co-funded call (Part 1)

#### Call Topic 2. - Design

- **MONAMIX** - “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” – Dr. Radu-Robert Piticescu – National R&D Institute for Nonferrous and Rare Metals.

#### Call Topic 3 - Processing, Production and Remanufacturing

- **BASH-TREAT** - “Optimization of bottom ash treatment for an improved recovery of valuable fractions” – Ms. Kerstin Kuchta – Hamburg University of Technology
- **Deasphor** - “Design of a product for SUBSTITUTION of phosphate rocks” – Prof. Bruno Valentim – Faculty of Sciences of University of Oporto
- **FLOW** - “Lightweight alkali activated composite foams based on secondary raw materials” – Dr. Vilma Ducman – Slovenian National Building and Civil Engineering Institute
- **Li+Water** - “Membrane electrolysis for resource-efficient lithium and water recovery from brines” – Prof. Victoria Flexer – Universidad Nacional de Jujuy
- **MaXycle** - “Circular economy, magnet recycling, NdFeB magnets, end-of-life magnets, Eco-labelling” – Prof. Benjamin Podmiljsak - Jozef Stefan Institute
- **MetRecycle** - “Recycling of metals using functionalized magnetic nanoparticles (FMNP)” – Prof. Aleksandra Lobnik - IOS, Ltd
- **MINTECO** - “Integrated eco-technology for a selective recovery of base and precious metals in Cu and Pb mining by-products” – Dr. Françoise Bodenan – BRGM

18:30 - 19:00 Q&A

## DAY 2: Friday 19th November 2021

### 13:00 – 13:05 Introduction to the Final Seminar of Call 2017 Projects (Part 2)

Moderator Mr. Patrice Christman

### 13:05 - 14:30 Final results of funded projects from co-funded call (Part 2)





# ERA-MIN 2

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### Call Topic 1 - Supply of raw material from exploration and mining

- **REWO-SORT** - "Reduction of Energy and Water consumption of mining Operations by fusion of sorting technologies LIBS and ME-XRT" – Dr. Markus Firshing – Fraunhofer
- **AMTEG** - "Advanced Magnetic full TEnsor Gradiometer instrument" – Dr. Jens Kobow – Supacron AG
- **Gold\_Insight** - "Tracing Gold-Copper-Zinc with advanced microanalysis"– Dr. Sean McClenaghan – Trinity College Dublin
- **LIGHTS** - "Lightweight Integrated Ground and Airborne Hyperspectral Topological Solution"– Mr. Jean Cauzid – Université de Lorraine

### Call Topic 4 - Recycling of End-of-Life products

- **BIOMIMIC** - "Innovative biotechnological methods for effective mining of secondary material" – Dr. Erika Lönntoft – Rise
- **INSTanT** - "Innovative sensor technology for optimized material recovery from bottom ash treatment" – Dr. Mieke Quaghebeur - Vlaamse Instelling voor Technologisch Onderzoek (VITO)
- **ReCEOL** - "Recycling of End-of-Life Products (PCB, ASR, LCD)" – Dr. Maria Jose Sousa Gallagher - University College Cork
- **SUPERMET** - "Recovery of Precious Metals from Spent Catalysts by Supercritical CO2 Extraction Assisted by Polymers" – Dr. Patrick LACROIX-DESMAZES – ENSCM

**14:30 - 15:00 Q&A**

- *Break* -

### 15:10 – 16:25 ERA MIN 2 Final Conference (Part 2)

1. Invited Speaker – JRC (Mr. Tamas Hamor)
2. Invited Speaker - DG GROW (Mr Daniel Cios)
3. Invited Speaker - HaDEA (Mr. Jonas Hedberg)
4. Strategy for cooperation beyond ERA-MIN 2
5. Q&A

### 16:25 – 16:30 Closure and Poster prizes

If you have any questions or require further information on the meeting, please contact [info@era-min.eu](mailto:info@era-min.eu) and [eramin@fct.pt](mailto:eramin@fct.pt)

