



# 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: [\[Link\]](#)

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. Additionally, the preparation of a poster to disseminate the young researchers (pre-doctoral and post-doctoral that obtained the PhD less than 10 years ago) work on the ERA-MIN 2 Call 2017 projects is encouraged through a **Poster Competition** (guidelines & posters, when available, will be uploaded [here](#)).

### DAY 1: Thursday 18th November 2021

#### 14:00 - 14:15 Welcome & Introduction

*Welcome to participants*

*([Prof. Helena Pereira](#), President of FCT's Board of Directors, FCT, Portugal)*

*Introduction to the ERA-MIN 2 network*

*([Mrs. Dina Carrilho](#), ERA-MIN 2 Project coordinator FCT, Portugal)*

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

*Strengthening the raw materials research community*

*([Ana Luísa Lavado](#), GSI, Ireland; [Diego Alejandro Galeano](#), MINCYT, Argentina; [Doroteja Zlobec](#), MIZS, Slovenia)*

*Implementation of the co-funded call and additional joint calls*

*([Anna Ottenhall](#), Vinnova, Sweden)*

*Assessment of the implementation of the co-funded and additional calls*

*([Jorge Sotelo](#), AEI-FECYT, Spain)*

*Monitoring and assessment of funded projects from the co-funded and additional calls*

*([Nicoleta Dumitrache](#), UEFISCDI, Romania)*

*Communication, dissemination and exploitation of the results*

*([Julio Marchamalo](#), AEI-FECYT, Spain)*





# ERAMIN 2

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

**Invited speaker:** "EIT RawMaterials Calls and activities"

(**Dr. Michel Vanavermaete**, Innovation Hub Director, EIT RawMaterials CLC West and CLC Central)

**16:35 - 16:45 Q&A**

- Break -

**16:55 – 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 Porto

**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. Dr. Spomenka Kobe** - 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**





# ERA·MIN 2

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### DAY 2: Friday 19th November 2021

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

Moderator Mr. Patrice Christmann and co-moderator Ms. Dina Carrilho

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

##### 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. Ir. Liesbeth Horckmans - 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)





# ERA-MIN 2

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

4. Strategy for cooperation beyond ERA-MIN 2

*(Mrs. Dina Carrilho, FCT, Portugal)*

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)

