



# START

**START free workshop (Side Event of the Raw Materials Week 2024)**

**10<sup>th</sup> December 2024, 14:00-17:30 CET**

Hotel Marivaux, Auditorium Alfred Hitchcock,  
Boulevard Adolphe Maxlaan 98, B-1000 Brussels

**SUPPORTING THE CRITICAL RAW MATERIALS ACT:  
RESEARCH PROJECTS IN THE EUROPEAN UNION**

**REGISTRATION IS REQUIRED!**





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13:30	Participants admission
14:00	Opening speeches (15'), including presentation by M. Cacanowski ( <b>HaDEA</b> ) Project presentations (15' each): F. Neves ( <b>START</b> ), F. Pizzocolo ( <b>GSEU</b> ), G. Žibret ( <b>FutuRaM</b> ), K. Kieling ( <b>CRM Geothermal</b> )
15:15	Coffee break
15:30	Project presentations (15' each): E. Falck ( <b>CIRAN</b> ), A.P. Ratvik ( <b>SUPREEMO</b> ), C. Escudero ( <b>REESOURCE</b> ), A. Yarovsky ( <b>REPTIS</b> )
16:30	Roundtable and conclusions - moderated by <b>T. Unterweissacher</b>
17:10	Final networking session
17:30	End of workshop



**FIRST BLOCK**  
**14:15 – 15:15**

**SPEAKERS**



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**Filipe Neves**

(LNEG Laboratório Nacional de  
Energia e Geologia)

**START**

“Transforming mine wastes into  
valuable products – the  
thermoelectric example”



**Gorazd Žibret**

(Geological Survey of Slovenia)

**FUTURAM**

“FUTURAM project - Future  
Availability of Secondary Raw  
Materials”



**Francesco Pizzocolo**

(The Geological Service for Europe)

**GSEU**

“The need of pan-European Geological  
Data to exploit European CRMs”



**Katrin Kieling**

(Helmholtz-Centre Potsdam - GFZ German  
Research Centre for Geosciences)

**CRM Geothermal**

“Raw materials from geothermal fluids:  
Occurrence, enrichment, extraction”





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## Filipe Neves

LNEG Laboratório Nacional de  
Energia e Geologia



## START Project

“Transforming mine wastes into  
valuable products – the  
thermoelectric example”



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**Francesco Pizzocolo**  
The Geological Service for  
Europe

## GSEU Project

“The need of pan-European Geological Data  
to exploit European CRMs”



# GSEU





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**Gorazd Žibret**

Geological Survey of Slovenia

**FutuRaM Project**  
“Raw materials from  
geothermal fluids:  
Occurrence, enrichment,  
extraction”





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**Katrin Kieling**  
Helmholtz-Centre Potsdam –  
GFZ German Research Centre  
for Geosciences

## CRM Geothermal Project

“Raw materials from geothermal fluids:  
Occurrence, enrichment, extraction”





**SECOND BLOCK**

**15:30 – 16:30**

**SPEAKERS**



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**Eberhard Falck**

(INTRAW International Raw  
Materials Observatory)

**CIRAN**

“Bridging technological  
advances and societal  
expectations”



**Carlos Escudero**

(IFE Institute for Energy Technology)

**REESOURCE**

“Unlocking the Supply of Rare Earth  
Elements in Europe Through  
Responsible, Sustainable and  
Decarbonised Innovative Technologies”



**Arne-Petter Ratvik**

(SINTEF)

**SUPREMO**

“Developing a value chain for  
high strength magnet based on  
European rare earth minerals”



**Artem Yarovinsky**

(VELTA LLC)

**REPTIS**

“REPTIS: sustainable Ti alloy powder  
supply chain from Ukraine to meet the  
EU demand for CRMs”







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**Eberhard Falck**

INTRAW International Raw Materials Observatory

**CIRAN Project**

**“Bridging technological advances and societal expectations”**



# CIRAN





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**SUPPORTING THE CRITICAL RAW MATERIALS ACT: RESEARCH PROJECTS IN THE EUROPEAN UNION**

**Arne-Petter Ratvik**  
SINTEF



## SUPREEMO Project

“Developing a value chain for high strength magnet based on European rear earth minerals”



# SUPREEMO





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**Carlos Escudero**

IFE Institute for Energy Technology

**REESOURCE Project**  
“Unlocking the Supply of Rare  
Earth Elements in Europe  
Through Responsible,  
Sustainable and Decarbonised  
Innovative Technologies”



Reesource





# STAR

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**SUPPORTING THE CRITICAL RAW MATERIALS ACT: RESEARCH PROJECTS IN THE EUROPEAN UNION**



**Artem Yarovinsky**  
VELTA LLC

**REPTiS Project**  
“REPTiS: sustainable Ti alloy powder supply chain from Ukraine to meet the EU demand for CRMs”



**ROUND TABLE**  
**16:30 – 17:10**



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**Moderated by:**  
**Thomas Unterweissacher**  
GEO Unterweissacher

