



## *International Virtual Workshop on CRM Innovation Frontiers 2022*

15 December 2022, Time: 14:30 - 17:15, CET

16 December 2022, Time: 09:50 - 16:15, CET

On-line edition: Zoom®



Co-funded by the  
European Union



The EIT RawMaterials is a platform for innovation funded by the European Institute of Innovation and Technology (EIT). The EIT has created the so-called KIC - Knowledge Innovation Communities, communities that aim to promote innovation and education in Europe in crucial sectors, supporting entrepreneurship and enhancing the passage of new ideas from the incubation phase to the market. The EIT RawMaterials, which since 2016 has established one of its nodes in Rome, is particularly committed to addressing the global challenge of supplying raw materials in Europe through programs and projects that aim to develop technology throughout the entire value chain of raw materials: from the exploration of resources, to the mining industry, from metallurgical processes to the replacement of critical or toxic raw materials, from the recycling of end-of-life product materials to the design of products for the circular economy.

As part of regional development programs, the EIT RawMaterials has created a Hub in the Puglia Region, coordinated by ENEA, in order to increase the involvement of the local ecosystems in the activities of KIC and its partnership. The Regional Center Southern Italy (RCSI) will also aim at reaching new organizations and promote the participation of the most innovative industries, companies, SMEs, start-ups and spin-offs, as well as the involvement of the prestigious Universities and Research Centres in the RIS area including MSc and PhD students, researchers, scientists, professionals, innovators, entrepreneurs, managers.

The 2-day virtual *International Workshop on CRM Innovation Frontiers* represents a real opportunity to know the latest trends of the innovation in the various aspects of the sector of the critical raw materials from the perspective of companies, universities, research institutions and public administrations. Additionally, the meeting will be a milestone to know deeper the funding opportunities offered by EITRM with business support programmes (KAVA Calls, etc.) to tackle the industrial and societal challenges of the raw materials in Europe. The Southern Italian stakeholders (start-ups, spin-offs, SMEs, companies, research groups, university students) are highly welcomed to boost the RCSI community.



## Agenda

Meeting Convener: Michele Penza - ENEA, Brindisi, Italy

### Thursday, December 15<sup>th</sup>, 2022

- 14:30 - 14:45     **Opening and Welcome Day 1**  
Speaker ENEA  
Speaker EITRM CLC-South
- 14:45 - 15:30     **EITRM profile and funding opportunities (Open Call KAVA 11) for Industry and Academy**  
*Overview of EIT RawMaterials: actual trend in Europe*  
Pierluigi Franceschini - EIT RawMaterials CLC-South Director, Rome, Italy  
*The Open Call KAVA 11: Upscaling for SMEs and RTOs*  
Fabio Pegorin - Business Developer, EIT RawMaterials CLC-South, Rome, Italy  
Questions & Answers
- 15:30 - 17:00     **Session 1 - Critical raw materials initiatives and projects in ENEA**
- 30 min     *Si-DRIVE Horizon Europe Project: The role and activities of ENEA*  
    Gianni Appetecchi, ENEA - Casaccia (Rome), Italy
- 30 min     *Critical raw materials recovery from complex matrices: ENEA activities*  
    Federica Forte, ENEA - Casaccia (Rome), Italy
- 30 min     *CRMs initiatives and projects: The role and activities of ENEA*  
    Roberta De Carolis, ENEA - Casaccia (Rome), Italy
- 17:00 - 17:15     **Closure Day 1**

### Friday, December 16<sup>th</sup>, 2022

- 09:50 - 10:00     **Opening Day 2**
- 10:00 - 13:00     **Session 2 - Critical raw materials initiatives and projects in Europe**
- 30 min     *EoL PV panel processing in some ROSI-participated international projects*  
    Yun Luo, CEO and Founder ROSI-Silicon - France
- 30 min     *Si-recycling technologies in multiple JPM-Silicon participated international projects*  
    Jan-Philipp Mai, Managing Director JPM Silicon GmbH - Germany
- 30 min     *2Life PV panels in CEA-participated international projects*  
    Luc Federzoni, Research Director CEA - France



30 min	<i>CRMs initiatives in NTNU</i> Marisa Di Sabatino, Full Professor NTNU - Norway
30 min	<i>CRMs Technology Transfer in international projects</i> Stefano Menegazzi, Project Leader Trentino Innovation Hub - Trento, Italy
30 min	<i>New-RE. Neodymium and Rare Earth from Waste Recycling</i> Viola Corbellini, Project Leader ERION srl - Italy
13:00 - 14:30	<b>Lunch break</b>
14:30 - 16:00	<b>Session 3 - Strategic CRMs initiatives/projects at regional/national/international scale</b>
30 min	<i>CRMs-applications for manufacturing and metallurgy: from education to innovation</i> Franco Bonollo, Full Professor University of Padova - Padova, Italy
30 min	<i>Eco-innovation system of startups and innovative SMEs in Apulia Region</i> Stefano Marastoni, Innovation Manager ARTI / Apulia Regional Agency for Technology and Innovation - Bari, Italy
30 min	<i>ERMA - European Raw Materials Alliance: overview and actual trend in Europe</i> Pierluigi Franceschini - EIT RawMaterials CLC-South Director, Rome, Italy
16:00 - 16:15	<b>Closure and Farewell</b>

#### Further Information

The participation is free of charge. After registration the participants will receive a link Zoom to follow online the scheduled event *Meeting*.

#### Registration

The free of charge registration should be applied to link: <https://www.eitrawmaterials-rcsi.eu/>

#### Language

English is the official language. The presentation slides will be in English, but they could be commented in native language (Italian) of the RCSI area, if any.

#### Organization and Contact

RCSI Project Coordinator: Dr. Michele Penza - [michele.penza@enea.it](mailto:michele.penza@enea.it)

Email: [info@eitrawmaterials-rcsi.eu](mailto:info@eitrawmaterials-rcsi.eu)

Website: [www.eitrawmaterials-rcsi.eu](http://www.eitrawmaterials-rcsi.eu)

*organised by:*

*supported by:*



Agenzia nazionale per le nuove tecnologie,  
l'energia e lo sviluppo economico sostenibile