




Workshop

Critical Raw Materials from unconventional sources: Ensuring supply through Circular Economy.



 17 November

 10 am to 2 pm

 HOTEL SB DIAGONAL ZERO
Free Hybrid Workshop

10:00h **Welcome** - Hannah Arpke - SEA4VALUE coordinator (Eurecat)

10:10h **SEA4VALUE project**

- **Objectives & main results** - Dr. Sandra Casas - Head of Water Technology Research Line at Water, Air and Soil Unit (Eurecat)
- **Moving lab integration** - Dr. Naiara Hernández - R&D Project Manager (FCC Aqualia)

10:30h **The Potential Value of Desalination Brine**

- **Dr. Chris Fellows** - Senior Water Expert (Saline Water Conversion Corporation in Saudi Arabia) and Adjunct Professor (University of New England, Australia)

11:10h **Pause - Networking coffe**

11:45h **Sister projects presentation**

- **SEArcularMine**: Dr. Fabrizio Vicari - Innovation Manager (ResourSEAs)
- **WaterMining**: - Dr. Guillermo Zaragoza - Head of Solar Thermal Applications (CIEMAT-Plataforma Solar de Almería)
- **Life INDESAL**: Dr. Luca Sbardella - Project Manager (ACCIONA)
- **Metallico**: Dr. José Luís Cortina - Chemical Engineering Professor (Barcelona Tech UPC)

12:15h **Round table 1: "The recovery of metals and minerals as an economic lever for desalination plants"**

- **Dr. Guillem Gilabert-Oriol** - R&D Leader (DuPont)
- **Dr. Naiara Hernández** - R&D Project Manager (FCC Aqualia)
- **Dr. Chris Fellows** - Senior Water Expert (Saline Water Conversion Corporation in Saudi Arabia) and Adjunct Professor (University of New England, Australia)
- **Dr. Christos Charisiadis** - Brine Innovation Manager (NEOM portfolio)
- **Moderator: Nicholas Nelson** - Director Innovation & Technical Marketing Water (Omya)

13:00h **Round table 2: CRM market "barriers and opportunities"**

- **Dr. José Luís Cortina** - Chemical Engineering Professor (Barcelona Tech UPC)
- **Dr. Fidel Grandia** - Project Director of the Waste Management Department (Amphos 21)
- **Philip Barthelmeß** - Vice President for Process, Design and Innovation (Omya)
- **Moderator: Dr. Frederic Clarens** - Director of the Waste, Energy and Environmental Impact Technology Unit, Sustainability Area (Eurecat)

13:45h **Closure** - Aina Amengual - R&D Project Manager (CWP)

13:55h **Catering + Networking**

Organised by:



Supported by:



This project is funded by the European Union's Horizon 2020 research and innovation programme under grant agreement No 869703