



## 8<sup>th</sup> Greek Raw Materials Community Dialogue

### "Raw Materials: From legacy to an innovative future"

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Raw Materials:  
From legacy to an innovative future

Thursday, 9 November 2023  
Royal Olympic Hotel  
28-34 Athanasiou Diakou str., Athens

#### SPONSORS



The EIT RawMaterials Regional Center Greece, after a successful 7-year series of activities inspired and supported by EIT Raw Materials, is organizing on November 9, 2023, the 8<sup>th</sup> Greek Raw Materials Community Dialogue, a well-established annual event, successfully organized since 2016, aiming to bridge the legacy with innovation for a sustainable future of the RM sector.

The organization of the 8<sup>th</sup> Greek Raw Materials Community Dialogue, scheduled to take place in physical mode at the Royal Olympic Hotel, on Thursday, November 9, 2023, titled:

### **"Raw Materials: From legacy to an innovative future"**

This year, the Greek Raw Materials Community Dialogue, a well-established annual event, successfully organized by the Regional Center Greece of EIT Raw Materials (RCG) since 2016, aims to bring together the major Raw Materials producers and manufacturers of Greece and other RIS countries with innovative start-ups, SMEs, and potential entrepreneurs, so as to create for



them the proper business environment to expand their network and join their strengths and skills with novel ideas to provide breakthrough solutions.

Considering the importance that the Critical Raw Materials Act plays on strengthening the uptake and deployment of breakthrough technologies in strategic raw materials as well as in Green Energy, the event will be organised along three sessions:

- Session 1: Strategic, Critical & Essential Raw Materials in the ESEE Region
- Session 2: Investment Potential in the EU Raw Materials Industry
- Session 3: Decarbonisation of the Raw Materials Industry

## 8<sup>th</sup> Greek Raw Materials Community Dialogue – Agenda

9:00 – 10:00	<b>Registration, coffee and networking</b>
10:00 – 10:30	<b>WELCOME – OPENING</b> <b>Ioannis Paspaliaris</b> - Em. Professor, NTUA & Director, EIT RawMaterials Hub - Regional Center Greece <b>Krzysztof Kubacki</b> - General Manager of EIT RawMaterials' Eastern Co-Location Center <b>Anna-Michelle Asimakopoulou</b> - Member of the European Parliament, European Union <b>Aristotelis Aivaliotis</b> - Secretary General for Energy and Mineral Resources, Hellenic Ministry of Environment & Energy <b>Ioannis Chatjigeorgiou</b> - Vice Rector of Research and Lifelong Education, NTUA
10:30 – 12:45	<b>Session 1: Strategic, Critical &amp; Essential Raw Materials in the ESEE Region</b> In Eastern and South-Eastern Europe, the availability, mining, processing and management of strategic, critical, and essential raw materials play a vital role in the region's sustainable development and security. Ensuring a stable supply of such resources is crucial to maintain competitiveness and reduce dependency on external sources. The region's rich mineral resources and diverse geological formations offer opportunities for strategic material production. The dynamics surrounding strategic, critical and essential raw materials in the ESEE region, and especially in Greece, are multifaceted and constantly evolving. However, efficient extraction, processing, and sustainable management practices are necessary to harness their potential effectively. The objective of the session is to provide a comprehensive understanding of the challenges, opportunities, best practices and investment attractiveness related to these crucial resources. The session aims to explore the evolving dynamics of strategic, critical and essential raw materials in ESEE, determine how to increase investment confidence for the vast market potential that exists and facilitate discussions on their sustainable extraction, processing and management. <b>Mark Rachovides</b> - Em. President, Euromines (Moderator)



Critical Raw Materials Act

**Daniel Cios** - Policy Officer, EC DG GROW

Positioning from Greece on the Critical Raw Materials Act

**Ioannis Zafeiratos** - Director for Metallic, Energy and Industrial Minerals, Hellenic Ministry of Environment and Energy

European Dynamics of the RM Sector

**Mark Rachovides** - Em. President, Euromines

Greek Dynamics of the RM Sector

**Konstantinos Yazitzoglou** - President, Greek Mining Enterprises Association & CEO, GEOHELLAS S.A.

Commitments in uncertain times: A mission and a vision for essential raw materials in 2030 and beyond

**Antonis Antoniou Latouros** - President, Aggregates Europe - UEPG

Skouries case

**Christos Balaskas** - Vice President & General Manager Greece, Eldorado Gold Corporation

Gallium exploration potential in Greece

**Grigorios Paschalis** - Business Innovation Director, Metallurgy Sector, MYTILINEOS S.A.

#### Discussion - Interaction with innovators

12:45 – 14:00

#### Lunch and networking

14:00 – 15:45

#### Session 2: Investment Potential in the EU Raw Materials Industry

The investment potential in the EU raw materials industry presents a compelling opportunity for investors looking to capitalize on sustainable and forward-looking ventures. As one of the world's leading producers and consumers of raw materials, the EU holds a strategic position in global supply chains, offering a diverse range of investment prospects across various sectors. On the other hand, participants will discuss and showcase examples related to current and future investment needs of the EU raw materials industry that can contribute to resource security, supply chain resilience, sustainable growth and competitiveness of the EU's raw materials sector.

In this session, the investment potential within the EU's raw materials industry will be explored, shedding light on key areas such as green mining technologies, resource recycling and reuse, cutting-edge research and innovation. By delving into the industry's current landscape and future prospects, the aim is to provide valuable insights for investors seeking to capitalize on the EU's commitment to sustainability and the transformative opportunities it offers within the raw materials sector.

**Antonis Politis** - Senior Business Development Manager, EIT RawMaterials (Moderator)

EIT Raw Materials - Additional funding sources - Innovation examples

**Antony Slotboom** - Access to Finance Director, EIT RawMaterials

European viewpoint on RM investment potential in the ESEE region

**Natalia Lacorzana** - Head of Natural Resources, European Bank for Reconstruction and Development (EBRD)

Raw Materials - Opportunities for the Greek industry and the innovation ecosystem

**Costas Troulos** - Senior Advisor, Industry, Growth, Technology and Innovation Division, Hellenic Federation of Enterprises (SEV)



Identification of investment opportunities and needed steps to attract the required funds

**Athanasios Kefalas** - General Manager, Bentonite & Perlite Intermediates, IMERYS

Recycling of lithium ferro phosphate batteries in Greece; Challenges and opportunities

**Panagiotis Xanthopoulos** - Recycling Expert, Sunlight Group

**Discussion - Interaction with innovators**

**15:45 – 16:15 Coffee and networking**

**16:15 – 18:20 Session 3: Decarbonisation of the Raw Materials Industry**

The raw materials sector is undergoing a significant transformation driven by the integration of green energy practices. Renewables, such as solar and wind power, are increasingly being adopted to power mining operations and reduce carbon emissions. Mining electrification is gaining attraction, with the shift towards electric machinery and vehicles powered by clean energy sources. This includes the electrification of heavy truck transportation, which aims to reduce greenhouse gas emissions and improve air quality. These initiatives demonstrate the sector's commitment to sustainability and a greener future.

The objective of the Decarbonisation of the Raw Materials Industry session is to explore the role of renewables and innovative energy reduction practices in the raw materials industry, as well as the importance of recycling and adoption of carbon capture systems. The session aims to discuss and showcase innovative solutions and strategies that promote the decarbonisation of the RM sector.

**Emmanouil Kakaras** - Professor, NTUA & Executive Vice President NEXT Energy Business, Mitsubishi Heavy Industries EMEA Ltd.

Roadmap to sustainability, green transition and decarbonization of the RM Industry

**Fokion Tasoulas** - Group Innovation Director, Titan Cement Company S.A.

Sustainability in metals manufacturing

**George Mavraganis** - Strategic Planning & Sustainability Senior Manager, Copper & Alloys Extrusion Division ElvalHalcor

Carbon Capture solutions for the Raw Materials Industry (MITSUBISHI)

**Emmanouil Kakaras** - Professor, NTUA & Executive Vice President NEXT Energy Business, Mitsubishi Heavy Industries EMEA Ltd.

CO<sub>2</sub> transformation to synthetic fuels Potential applications in the extractive industry sector

**Antonis Peppas** – Assistant Professor, NTUA

Next generation sustainable intelligent mining systems for a paradigm shift in mine production

**Jan Gustafsson** - Senior Project Manager, Global Strategic Programs & Alliances, Global R&D Technology and Innovation, EPIROC

AI Unearthed: The digital makeover of mining operations

**Stefanos Kokkorikos** - Co-founder & Managing Partner, CORE Group





Opportunities for startups and entrepreneurs in the Raw Materials industry **Niki Karali** - CIO, Mantis - EIT RawMaterials RIS Incubator Greece

**Discussion - Interaction with innovators**

18:20 – 18:30 **Closing remarks**

19:00 **Cocktail dinner**