



## 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> <ul style="list-style-type: none"><li>• <b>Anna-Michelle Asimakopoulou</b> - Member of the European Parliament, European Union</li><li>• <b>Aristotelis Aivaliotis</b> - Secretary General for Energy and Mineral Resources, Ministry of Environment &amp; Energy</li><li>• <b>Ioannis Paspaliaris</b> - Em. Professor, NTUA &amp; Director, EIT RawMaterials Hub - Regional Center Greece</li><li>• <b>Ioannis Chatjigeorgiou</b> - Vice Rector of Research and Lifelong Education, NTUA</li><li>• <b>Krzysztof Kubacki</b> - General Manager of EIT RawMaterials' Eastern Co-Location Centre</li></ul>
10:30 – 12:45	<b>Session 1: Strategic, Critical &amp; Essential Raw Materials in the ESEE Region</b> <p>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.</p> <p>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.</p> <p><b>Mark Rachovides</b> - Em. President, Euromines (Moderator)</p> <p>Critical Raw Materials Act</p> <p><b>Daniel Cios</b> - Policy Officer, EC DG GROW</p>



Positioning from Greece on the Critical Raw Materials Act	<b>Ioannis Zafeiratos</b> - Directorate General for Energy & Mineral Resources, Hellenic Ministry for the Environment and Energy
European Dynamics of the RM Sector	<b>Mark Rachovides</b> - Em. President, Euromines
Greek Dynamics of the RM Sector	<b>Konstantinos Yazitzoglou</b> - President, Greek Mining Enterprises Association & CEO, GEOHELLAS S.A.
Overview of the European Aggregates Industry	<b>Antonis Latouros</b> - President, Aggregates Europe (UEPG) & Cyprus Aggregates Producers Association & Managing Director, M.S.C. Latouros Investments Ltd.
Skouries case	<b>Christos Balaskas</b> - President, HELLAS GOLD S.A.
Gallium exploration potential in Greece	<b>Grigorios Paschalis</b> - Business Innovation Director, Metallurgy Sector, MYTILINEOS S.A.
Discussion – Interaction with innovators	

12:45 – 14:00

**Lunch and networking**

14:00 – 15:30

**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)

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

**Athanasios Kefalas** - General Manager Bentonite & Perlite Intermediates at Imerys

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

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

Discussion – Interaction with innovators

15:30 – 16:00

**Coffee and networking**



16:00 – 18:15

### 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.

**Prof. Emmanouil Kakaras** - Executive Vice President NEXT Energy Business, Head of Duisburg Branch at Mitsubishi Heavy Industries EMEA, Ltd. (Moderator)

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

**Fokion Tasoulas** - Group Innovation Director, Titan Cement Company SA

Renewables and energy reduction in metals' manufacturing

**Panagiotis Tserolas** - Senior Sustainability Manager, ElvalHalcor Aluminium Division

Carbon Capture solutions for the Raw Materials Industry (MITSUBISHI)

**Prof. Emmanouil Kakaras** - Executive Vice President NEXT Energy Business, Head of Duisburg Branch at Mitsubishi Heavy Industries EMEA, Ltd.

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

**Ass. Professor Antonis Peppas** - Laboratory of Metallurgy, NTUA

Mining electrification solutions

EPIROC Representative (*name to be confirmed*)

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

18:15 – 18:30

Closing remarks