

Innovation, new technology trends and Skills for Raw Materials

“New technology trends in exploration, mining and processing, Skills for Raw Materials, Horizon 2020 Raw Materials Information and Brokerage Event”

19 November 2019

Le Plaza Hotel (Boulevard Adolphe Max 118-126, 1000 Bruxelles)

08.00-09.30 Registration and welcome coffee

09.30-11.00 **Session I: New technology trends in exploration, mining and processing** – Chaired by Ms **Malwina Nowakowska-Ketterle**, Deputy Head of Unit, Resource Efficiency and Raw Materials, DG GROW, EC

Introductory remarks: Mr **Andreas Klossek**, Interim CEO, COO, Managing Director EIT RawMaterials

Key note speech: Main technology trends in processing – Data integration of LCA, materials modelling, process flowsheets - Prof Dr. **Markus Reuter**, Director at Helmholtz Institute Freiberg for Resource Technology (DE)

Key trends in mining technology - Mr **Michael Haschke**, Manager Research & Innovation at DMT Group

Smart Mining – towards automation and interoperability for safety and productivity gains. Ms **Anna Eklind**, Program Manager Connectivity, Epiroc (SE)

Earth observation for raw materials - Mr **Ton Peters**, Expert Advisor at Deltares

Interactive Session – Q&A

11.00-11.30 **Networking coffee break**

11.30-13.00 **Session II: Skills for Raw Materials** – Chaired by Dr. **Rima Dapous**, Director Education of EIT Raw Materials.

How to keep and develop knowledge and skills for future and/or present professionals in the raw materials sector?

Keynote speech: What we do to make sure the raw materials industries find people with the right talent and skills, today and at medium/long-term? EIT RawMaterials Academy, EIT RM Master Programmes – Dr. **Rima Dapous**, EIT RM, Master Programme students

Education - Prof. Dr. **Michael Hitch**, Professor of Mining, Tallinn University of Technology (TTU)

Attracting Talents to the European Steel Industry – a people perspective - Mr **Peter Schelkle**, Head of HR Strategy, Projects & Labour Relations at Thyssenkrupp Steel Europe

Raw Materials Week

18-22 November 2019



Skills for raw materials- a student's perspective – Mr **Ali Hassan**, Mining Engineer, Student on the EIT Labelled EMerald Master's in Resources Engineering.

Wider society learning and awareness raising about the raw materials sector. Examples for students 10-19 years, RM @ schools programme – Dr. **Armida Torreggiani**, Researcher at Consiglio Nazionale delle Ricerche (Italy's National Research Council, CNR)

Interactive Session – Q&A

13.00-14.00	Buffet networking lunch
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14.00-15.30	<p>Session III: Horizon 2020 Raw Materials Calls – Chaired by Ms Malwina Nowakowska-Ketterle, Deputy Head of Unit, Resource Efficiency and Raw Materials, DG GROW.C2</p> <p>General presentation about raw materials policy background and raw Materials in H2020 Work Programme 2018-2020. Ms Malwina Nowakowska-Ketterle, DG GROW.C2</p> <p>Presentation about implementation of Raw Materials in Societal Challenge 5. Mr Dimitrios Biliouris, EASME B.2.4 Raw Materials sector</p> <p>Topics on raw materials and related areas in Horizon 2020 Work Programme 2019:</p> <ul style="list-style-type: none"> - Raw materials topics under Societal Challenge 5. Mr Daniel Cios, DG GROW.C2 - Relevant topics under other parts of H2020: <ul style="list-style-type: none"> - LEIT-NMBP-SPIRE. Ms Fatima Gonzalez Gomez DG RTD.F3 - LEIT-Space. Ms Claudia Muresan, DG GROW.I3 - Societal Challenge 2. Mr Tomasz Calikowski, DG RTD.C1 <p>Interactive Session – Q&A</p> <p>Call for proposals of ERA-MIN 2 – Ms Dina Carrilho, Fundação para a Ciência e a Tecnologia</p> <p>Call for proposals of EIT Raw Materials – Mr Massimo Gasparon, EIT Raw Materials</p> <p>Interactive Session – Q&A</p>
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15.30-16.00	Networking coffee break
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16.00-17.30	<p>Session IV: Brokerage Session – Chaired by Mr Marko Cacanowski (EASME), Ms Debby De Roover (DG GROW) and Mr Daniel Cios (DG GROW)</p> <p>Short presentations of project ideas by stakeholders.</p>
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18.00	Newtorking Cocktail
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