

EIT RawMaterials Day @ PDAC 2017

March 7th
2:00 to 6:00 PM
room# 203B

EIT RawMaterials – EXPLORATION, MINING AND PROCESSING

Innovation, New Technologies, New Education, New Business Opportunities and New Partnerships

EIT RawMaterials, initiated and funded by its partners and the EIT (European Institute of Innovation and Technology), a body of the European Union, is the world's largest consortium in the raw materials sector.

The session will include several presentations on:

INNOVATION, NEW TECHNOLOGIES, NEW EDUCATION PROGRAMS AND NEW BUSINESS OPPORTUNITIES

The presentations will be presented by EIT RawMaterials and its industry, research and higher education partners

EIT RawMaterials Day @ PDAC 2017

"Develop Raw Materials into a Major Strength for Europe"

Tuesday, March 7th

Duration: 2:00 pm - 6:00 pm

Room #: 203B

Registration: not necessary

The EIT RawMaterials Day @ PDAC 2017 will introduce the EIT RawMaterials consortium, its background and activities, and the opportunities for cooperation and business developments. Moreover, partners of EIT RawMaterials and other European stakeholders will present their view on 'Innovation, Technologies, Education and current Activities within Exploration and Mining in Europe' as well as providing examples of some of the innovation, emerging new technologies, new education programs and business opportunities that are carried out in Europe.

The target audience is exploration & mining companies, hardware manufacturers, service providers, universities and research & technology institutions. Moreover, entrepreneurs and start-ups are welcome to come and hear about the possibilities for cooperation with EIT RawMaterials.

Europe is home to world leaders in manufacturing, game changing innovative technologies and an entrepreneurial infrastructure that can boost the transition to a resource-efficient and sustainable society. A sustainable supply of raw materials is vital for both this transition and for Europe's industrial activity. The vision of the EIT RawMaterials: "To develop raw materials into a major strength for Europe" will be realised by integrating knowledge from industry, higher education and research and by engaging stakeholders from the entire raw materials value chain of Exploration – Mining – Processing – Recycling – Substitution and Circular Economy.

The mission of the EIT RawMaterials is to boost competitiveness, growth and attractiveness of the European raw materials sector via radical innovation and entrepreneurship. EIT RawMaterials unites more than 100 partners – academic and research institutions as well as industry – from more than 20 European countries.

EIT RawMaterials staff as well as representatives of the consortiums partners welcome you to the first EIT RawMaterials Day @ PDAC

For further information contact info@eitrawmaterials.eu

Program for EIT RawMaterials Day @ PDAC 2017

- 2:00 pm – 2:05 pm **Welcome to 'Develop Raw Materials into a Major Strength for Europe'**
EIT RawMaterials
Thematic Officer Exploration Dr. Bo Møller Stensgaard & Thematic Officer Mining Dr. Tony Hand
[bo.stensgaard@eitrawmaterials.eu] & [tony.hand@eitrawmaterials.eu]
- 2:05 pm – 2:25 pm **What is EIT RawMaterials?**
A general introduction to 'World's Largest Consortium in Raw Materials'
EIT RawMaterials funded projects and start-ups related to innovation within exploration and mining
Opportunities for cooperation with EIT RawMaterials?
EIT RawMaterials
CEO and Managing Director Dr. Karen Hanghøj [karen.hanghoj@eitrawmaterials.eu]

- 2:25 pm – 2:40 pm **European Union – views and initiatives toward the raw material sector**
European Commission - Unit C2 - Resource Efficiency and Raw Materials
Directorate-General for Internal Market, Industry, Entrepreneurship and SME's Head of Unit
Mattia Pellegri, European Commission - Unit C2 [mattia.pellegri@ec.europa.eu]

Theme: The view on innovation, technologies, education and current activities within Exploration and Mining in Europe

- 2:40 pm – 2:55 pm **Underexplored World Class Districts in Stable jurisdictions - the view from an exploration company in Europe**
Avrupa Minerals
CEO & Director Paul Kuhn [paulk@avrupaminerals.com]
- 2:55 pm – 3:10 pm **Boliden Mines Technology Strategy - the View from a Major Miner in Europe**
Boliden Mineral AB
Senior Project Manager Thomas Hedberg, Boliden Mines [thomas.hedberg@boliden.com]
- 3:10 pm – 3:25 pm **Atlas Copco Exploration Innovations and Technologies - the view from an exploration and mining hardware provider in Europe**
Atlas Copco Rock Drills AB, Surface and Exploration Drilling
Global Portfolio Manager-Exploration Ebrahim Nikafroozi (Nik) [ebrahim.nikafroozi@se.atlascopco.com]
- 3:25 pm – 3:40 pm **The View from a Major Exploration and Mining Service Provider in Europe**
DMT GmbH & Co. KG
Norbert Benecke, Carlos Garcia Pina, Michael Haschke & Jens Wiegand [jens.wiegand@dmt-group.com]
- 3:40 pm – 3:55 pm **The View from a Research & Technology Institute in Europe**
Swerea MEFOS, a part of RI.SE
Business Developer/Senior Research Engineer Dr. Lawrence Hooley [lawrence.hooley@swerea.se]
- 3:55 pm – 4:10 pm **The View from Higher Education within Exploration, Mining and Processing in Europe**
Luleå University of Technology (LTU), Centre of Advanced Mining and Metallurgy
Professor Pär Weihed [par.weihed@ltu.se]
- 4:10 pm – 4:25 pm **The View from a Geological Survey on Exploration and Mining in Europe**
Geological Survey of Slovenia (GeoZS) Department for Mineral Resources and Environmental Geochemistry
Geologist Tina Zajc Benda [tina.zajc-benda@geo-zs.si]
- 4:25 pm – 4:40 pm **EU-Canada Mineral Investment Facility Feasibility Study – study on the establishment of a facility that would increase mineral industry investment between Canada and the European Union**
Ernst & Young and Euromines
Senior Manager Jay Bailey, Ernst & Young [jay.bailey@ca.ey.com] and President Mark Rachovides, Euromines
- 4:40 pm – 4:55 pm **RockVader. Smart Hard Rock Mining System – an EIT RawMaterials Innovation Project on New Mining Hardware**
Sandvik Mining and Construction G.m.b.H.
Product & Commercial Manager Uwe Restner [uwe.restner@sandvik.com]
- 4:55 pm – 5:10 pm **inSPECTor – Integrated Spectroscopy Sensor System for Laser-Induced Fluorescence and Hyperspectral Imaging – an EIT RawMaterials Innovation Project on Exploration Hardware**
Helmholtz Institute Freiberg for Resource Technology at HZDR
Research Associate Dr. Kati Laakso [k.laakso@hzdr.de]

Fire-Side Panel Discussion: Innovation, New Technologies, New Educations – and How to Increase Exploration and Mining in Europe

- 5:10 pm – 5:50 pm **Innovation, New Technologies, New Educations – and How to Increase Exploration and Mining in Europe Fire-side Panel Discussion**
- Panel members:**
Dr. Kati Laakso, Helmholtz Institute Freiberg for Resource Technology at HZDR
Professor Pär Weihed, Luleå University of Technology (LTU), Centre of Advanced Mining and Metallurgy
Dr. Lawrence Hooley, Swerea MEFOS, a part of RI.SE
Associate Partner Iain Thompson, Advisory Services, Ernst & Young
Global Portfolio Manager-Exploration Ebrahim Nikafroozi (Nik), Atlas Copco Rock Drills AB
Dr. Jens Wiegand, DMT GmbH & Co. KG
Geologist Tina Zajc Benda, Geological Survey of Slovenia (GeoZS)
- Moderator:**
General Manager Krzysztof Kubacki, EIT RawMaterials [krzysztof.kubacki@eitrawmaterials.eu]
- 5:50 pm – 6:00 pm **Summary of Observations & Concluding Remarks**
EIT RawMaterials
CEO & Managing Director Dr. Karen Hanghøj [karen.hanghoj@eitrawmaterials.eu]