



**MIN-GUIDE Policy Laboratory 2:  
Innovations and supporting policies for  
minerals exploration and extraction**

**Leoben, AT, 21-22 March 2017**

**Final Agenda**

**Aula  
Montanuniversitaet Leoben  
Leoben, Austria**

# Tuesday, 21 March 2017

8:30-9:00      **Registration**

**09:00-09:45      Opening and Orientation**

**09:00-09:15      Welcome address**

Wilfried Eichlseder, Rector of Montanuniversitaet Leoben, Austria

**09:15:09:30      MIN-GUIDE project overview and objectives of the Policy Laboratory**

Andreas Endl, Institute for Managing Sustainability, Vienna University of Economics and Business, Austria

**09:30-09:50      The EU's Raw Materials and Minerals Policy Framework:**

Rodrigo Chanes Vicente, Policy Officer, Unit Resource Efficiency and Raw Materials, DG GROW, European Commission

**09:50-10:45      Innovation challenges and policy responses in minerals exploration and extraction**

**09:50-10:15      Main challenges and drivers for industry in exploration and extraction in practice: the industry perspective**

Thomas Drnek, RHI AG, Austria

**10:15-10:35      Addressing raw material exploration and extraction challenges: policy responses in Europe**

Peter Moser, Head of the Chair of Mining Engineering and Mineral Economics & Vice Rector for Infrastructure and International Relations, Montanuniversitaet Leoben, Austria

10:35-10:45      Q&A

**10:45-11:15      Coffee Break**

**11:15-12:15** **Overview of innovations and supporting policies for minerals exploration and extraction in Europe**

**11:15-11:45** **Results of the MIN-GUIDE stock-taking on innovation in exploration and extraction, incl. enabling policies and good practice cases**

Michael Tost, Chair of Mining Engineering and Mineral Economics, Montanuniversitaet Leoben, Austria

**11:45-12:00** **MIN-GUIDE Policy Guide: A dialogue between content and the virtual world**

Roberto Tomasi, GOPA Com., Belgium

12:00-12:15 Q&A

**12:15-13:15** *Lunch Break*

**13:15-17:45** **Parallel Policy Laboratories on innovation and supporting policies for minerals exploration and extraction**

**13:15-13:40** **Good practice cases on innovation for minerals exploration and extraction: content of the 3 Policy Laboratories**

Michael Tost, Chair of Mining Engineering and Mineral Economics, Montanuniversitaet Leoben, Austria




**13:40-13:45** **Concept and format of the 3 Policy Laboratories**

Facilitator

13:45-15:30

**Parallel Policy Laboratories, part 1: “Listening, exchanging, and learning”**

**3 parallel Policy Labs on innovation in exploration and extraction, enabling environments and supporting policies**

		
<p><b>Policy Lab 1:</b> <b>Exploration</b></p> <p>Case 1: New geomodels - Panagiotis Zachariadis, Hellas Gold, GR</p> <p>Case 2: Airborne geophysical methods - Benedikt Steiner, xplORE.global, DE</p> <p>Case 3: Drones - Ari Saartenoja, Radai, FI</p>	<p><b>Policy Lab 2:</b> <b>Extraction</b></p> <p>Case 1: Process control &amp; (big) data management - Markus Häupl, Strabag, AT</p> <p>Case 2: Continuous processes and automation - Uwe Restner, Sandvik, SE</p>	<p><b>Policy Lab 3:</b> <b>Deep sea mining</b></p> <p>Case 1: Blue Mining Project: Innovation in deep sea mining, R. van de Ketterij, IHC MTI B.V. , NL</p> <p>Case 2: Impacts of deep sea mining - MIDAS Project, Ana Colaço, Uni Azores, PT</p> <p>Case 3: Underwater exploration and mining, UNEXMIN project, Norbert Zajzon, Uni Miskolc, HU</p>


15:30-16:00

**Coffee Break**

16:00-17:30

**Parallel Policy Laboratories, part 2: “Exploring transferability”**

**3 parallel Policy Labs on innovation in exploration and extraction, enabling environments and supporting policies**



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17:30-17:45

**Wrap up of day 1 and outlook on day 2**

17:45-19:00

*Evening reception: Space for networking and exchange (with beverages and buffet)*

# Wednesday, 22 March 2017

## 09:00-09:45 Feedback from the Policy Laboratories

- 09:00-09:45 Results of the parallel Policy Laboratories from day 1 & reflection**
- Presentation and reflection by MIN-GUIDE project team:
- Exploration: Michael Tost, Montanuniversitaet Leoben, Austria
  - Extraction: Darko Vrkljan, University of Zagreb, Croatia
  - Deep Sea: Luis Pinheiro, University of Aveiro, Portugal

## 09:45-13:00 Discovering future pathways for innovation and supporting policies in exploration and extraction

- 09:45-10:45 Needs and gaps in policies for innovation in exploration and extraction in Europe**
- Exploration: Benedikt Steiner, xpLORE.Global, Germany
  - Extraction: Martin Lang, Austrian Mining Association and Mining Consultant, Austria
  - Deep Sea: Paul Lusty, British Geological Survey, Great Britain

Q&A

*10:45-11:15 Coffee Break*

**11:15-12:15 Group work on needs and gaps & future policy pathways**  
Interactive group work with participants on extraction, exploration and deep sea

**12:15-12:45 Feedback from group work & final reflection**

**12:45-13:00 Event closure and next steps in MIN-GUIDE**  
Gerald Berger, Institute for Managing Sustainability, Vienna University of Economic and Business, Austria

**13:00 Policy Laboratory End**