



**MIN-GUIDE Policy Laboratory 3:
Innovation and supporting policies for
mineral and metallurgical processing**

Luleå, Sweden, 18-19 May 2017

Draft Agenda

**Room D2214, D-building
Luleå University of Technology
SE-971 87 Luleå, Sweden**

Thursday, 18 May 2017

08:30-09:30 Registration with coffee/refreshments

09:30-10:20 Opening and Orientation

09:30-09:45 **Welcome & opening**
Pär Weihed, Director CAMM – Centre of Advanced Mining and Metallurgy, Luleå University of Technology, Sweden

09:45-10:00 **MIN-GUIDE project overview and objectives of the Policy Laboratory**
Andreas Endl, Institute for Managing Sustainability, Vienna University of Economics and Business, Austria

10:00-10:20 **The EU Raw Materials and Minerals Policy Framework: Policy Strategies, Regulatory Frameworks, and Links to other Sectorial Policies**
Rodrigo Chanes-Vicente, Policy officer, DG Internal market, Industry, Entrepreneurship and SMEs, European Commission

Incl. Q&A

10:20-11:00 Innovation challenges and policy responses in mineral and metallurgical processing

10:20-10:40 **Main innovation challenges and drivers in mineral and metallurgical processing & link to policy framework - An industry perspective**
Kent Tano, Principal R&D Expert, Research and Development, Luossavaara-Kiirunavaara AB, Sweden

10:40-11:00 **Results of the MIN-GUIDE stock-taking on innovation in mineral and metallurgical processing – Enabling policies and good practice**
Jan Rosenkranz, Division of Minerals and Metallurgical Engineering, Luleå University of Technology, Sweden

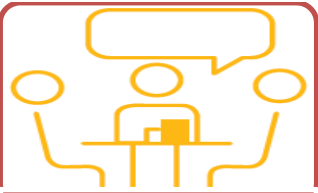


Incl. Q&A

11:00-11:30 *Coffee Break*

11:30-13:15 Parallel Policy Laboratories on innovation and supporting policies for processing – PART 1

- 11:30-11:40 Good practice cases on innovation for mineral and metallurgical processing – Content of the 3 Policy Laboratories**
Anders Sand, Division of Minerals and Metallurgical Engineering, Luleå University of Technology, Sweden
- 11:40-11:45 Concept and format of the 3 parallel Policy Laboratories**
Gerald Berger, Institute for Managing Sustainability, Vienna University of Economics and Business, Austria
- 11:45-13:15 Part 1 – Listening, exchanging, and learning**

3 parallel Policy Labs on innovation in mineral and metallurgical processing, enabling environments and supporting policies: This includes presentations of 2-3 industry innovation cases and interactive discussion for enabling policy learning and transfer.

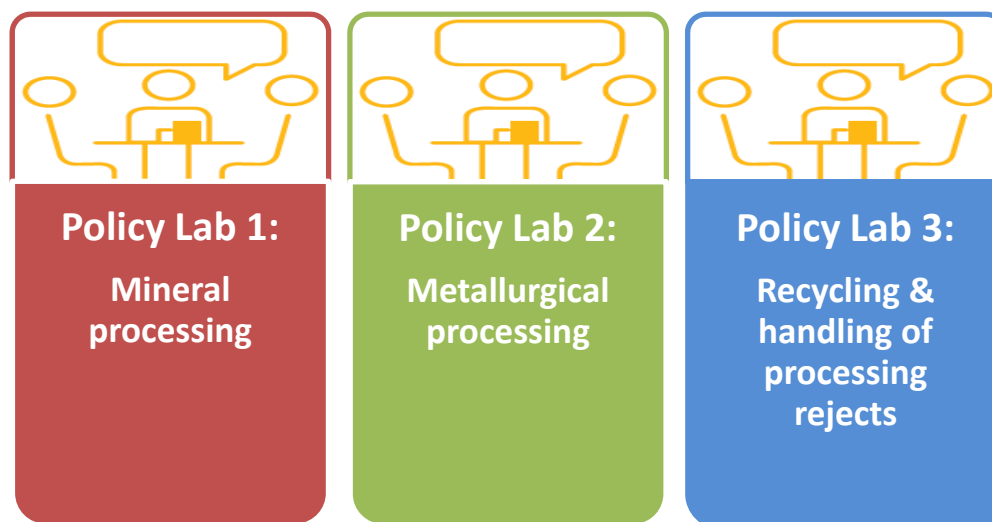
		
<p>Policy Lab 1:</p> <p>Mineral processing</p> <p>Jan Rosenkranz – Introduction</p> <p>Hamid Manouchehri, Sandvik – Eco-Efficiency in Comminution</p> <p>Antti Remes, Outotec Oy – The Outotec Oremet Optimizer</p>	<p>Policy Lab 2:</p> <p>Metallurgical processing</p> <p>Johan Frishammar – Introduction</p> <p>Dan Hallberg, LKAB – NOx-reduction in LKAB's pellets production plant KK4</p> <p>Linn Andersson, Boliden AB – A novel process for treating e-waste</p>	<p>Policy Lab 3:</p> <p>Recycling & handling of processing rejects</p> <p>Anders Sand – Introduction</p> <p>Sverker Sjölin, Stenamettall – Sensing and robotic sorting of end of life products</p> <p>Barrie O'Connell, Wardell Armstrong – Innovation in tailings handling</p>

13:15-14:15 *Lunch Break*

14:15-15:45 **Parallel Policy Laboratories on innovation and supporting policies for processing – PART 2**

14:15-15:45 **Part 2 – Exploring transferability**

3 parallel Policy Labs on innovation in mineral and metallurgical processing, enabling environments and supporting policies



15:45-16:15 *Coffee Break*

16:15-17:00 **Overview of the MIN-GUIDE Online Policy Guide**

16:15-17:00 **Presentation of the MIN-GUIDE Online Policy Guide: Policy stock-taking repository + innovation cases**
Roberto Tomasi, GOPA Com., Belgium

Incl. Q&A

17:00-17:15 **Outlook on day 2**
Gerald Berger, Institute for Managing Sustainability, Vienna University of Economics and Business, Austria

17:30-ca.22:30 *Networking evening activity – Bus tour and dinner*

Friday, 19 May 2017

09:00-09:30 Feedback from the Policy Laboratories

09:00-09:30 Results from the Policy Laboratories from day 1 (short presentations by the Lab facilitators)

- Policy Lab 1
- Policy Lab 2
- Policy Lab 3

Incl. Discussion with participants

09:30-11:00 Discovering future pathways for innovation and supporting policies in mineral and metallurgical processing – PART 1

09:30-10:30 Group work on needs and gaps & future policy pathways

Interactive group work with participants on mineral and metallurgical processing policy needs, gaps and future pathways

10:30-11:00 Feedback from group work

Facilitator: Johan Frishammar, Entrepreneurship & Innovation, Luleå University of Technology, Sweden

11:00-11:30 *Coffee Break*

11:30-12:45 Discovering future pathways for innovation and supporting policies in mineral and metallurgical processing – PART 2

11:30-12:30 Needs and gaps in policies for innovation in mineral and metallurgical processing in Europe

- Aurela Shtiza, IMA Europe (tbc)
- Linda Wårell, Economics unit, Luleå University of Technology, Sweden
- Kent Tano, LKAB, Sweden (tbc)
- Rodrigo Chanes-Vicente, European Commission (tbc)
- Karin Beland Lindahl, Political Science unit, Luleå University of Technology, Sweden

Panel discussion (Facilitator: Gerald Berger)

12:30 -12:45

Event closure and next steps in MIN-GUIDE

Gerald Berger, Institute for Managing Sustainability, Vienna University of Economic and Business, Austria

12:45

Policy Laboratory End

12:45-13:30

Light lunch (please register)