Good practice cases on innovation for mineral and metallurgical processing – Content of the 3 Policy Laboratories

Anders Sand
Luleå University of Technology
Division of Minerals and Metallurgical Engineering

Luleå, 18-19 May 2017
Innovative Processing D4.1
(Published Dec 2016)

- Analysis of innovation cases, particularly drivers and barriers and links to policies
- Listing and brief description of some 30 innovation examples
- Selection of 3 innovation cases for deeper analysis of innovation cases and connection to policies and legislation
- Stage 2 – further innovation case analysis carried out for D4.2

Policy Labs help providing diverse, multi-stakeholder input on industry innovation, links to policies and other drivers/barriers
Policy Lab Parallel Sessions

**Policy Lab 1:**
Mineral processing
Jan Rosenkranz – Introduction
Hamid Manouchehri, Sandvik – Eco-Efficiency in Comminution
Antti Remes, Outotec Oy – The Outotec Oremet Optimizer

**Policy Lab 2:**
Metallurgical processing
Johan Frishammar – Introduction
Dan Hallberg, LKAB – NOX-reduction in LKAB’s pellets production plant KK4
Linn Andersson, Boliden AB – A novel process for treating e-waste

**Policy Lab 3:**
Recycling & handling of processing rejects
Anders Sand – Introduction
Sverker Sjölin, Stenametall – Sensing and robotic sorting of end of life products
Barrie O’Connell, Wardell Armstrong – Innovation in tailings handling
Stakeholder network
(WP 4 Innovative Processing)

Policy Lab Session 1
Mineral Processing

Facilitator: Jan Rosenkranz

OreMet Optimizer
     Antti Remes (Outotec Oyj)

Eco-Efficiency in Comminution
     Hamid-Reza Manouchehri (Sandvik)
Policy Lab Session 2
Metallurgical Processing

Facilitator: Johan Frishammar

NOx Reduction in LKAB’s Pellet Production Plant KK4
Dan Hallberg (LKAB)

A Novel Process for Treating E-Waste
Linn Andersson (Boliden)
Policy Lab Session 3
Recycling and Handling of Processing Rejects

Facilitator: Anders Sand

Sensing and Robotic Sorting of End of Life Products
Sverker Sjölin (Stena Technoworld)

Innovations in Backfill Handling
Barrie O’Connell (Wardell Armstrong)
Thank you for your attention

Anders Sand
Luleå University of Technology
Division of Minerals and Metallurgical Engineering

www.min-guide.eu/
info@min-guide.eu