

Mining and Metallurgy Regions EU (MIREU)

SLO WORKSHOP 1

Linking SLO and Sustainability: challenges in Europe and lessons from abroad
8-9 May 2018 Rovaniemi, Finland

A warm welcome to all those interested in the MIREU Social License to Operate (SLO) Workshop series. The first workshop is 8-9 May 2018 in Rovaniemi, Finland and views SLO through the lens of sustainability.

SLO and sustainability in the extractives industry: the one commonality is that they are both contextual. How they are understood, practiced and measured will vary from place to place. Given the heterogeneity in Europe's many societies, environmental landscapes, and economies it is not surprising that devising sustainable mining practices that ensure stakeholders, and specifically affected communities, feel they are not merely consulted with but have a voice in the decision-making process is challenging.

- The first **SLO Workshop** seeks to understand what **sustainability** – social, environmental, and economic - looks like across Europe's mining regions and how SLO both reflects this understanding and furthers it. Through a variety of conversations, story-telling and discussion topics, we will explore international SLO guidance and practices from countries such as Australia, Chile and Canada; the challenges facing junior mining companies in Europe and whether there are practical solutions; SLO as a driver of innovation; and look at how emphasizing the link between the coming energy transition and necessary ramp-up in minerals and metals production can change the negative perception of mining pervasive throughout much of Europe.
- The **second workshop** focuses on how SLO can foster **regional development** and looks at topical issues throughout Europe's mining and metallurgy regions including environmental accidents catalyzing stakeholders to force substantial improvements within the mining industry, conflicts between and opportunities for UNESCO World Heritage sites and potential mining activities, NGO-driven resistance, and competing land uses and successful reconciliation measures.
- The **third workshop** focuses on change, specifically how to ensure that SLO is **adaptive and resilient**. Whether it is demographics, social values, political leadership, legislation, commodity prices, or technology, the future is ever changing. These global, national, regional and local changes also affect the dynamics between companies, communities and other stakeholders. Understanding how the combination of regulatory measures and voluntary practices required for SLO can be adjusted is crucial for ensuring a robust mining industry and the future sustainability of Europe's mining regions.

2nd SLO Workshop (Nov. 2018, Leoben)

Theme: *SLO and Regional Development Perspectives*
Clustering session theme: *International projects*

3rd SLO Workshop (May 2019, Brussels)

Theme: *Ensuring SLO is Adaptive and Resilient*
Clustering session theme: *Policy, R&D, Socio-Economic*

DRAFT AGENDA

LINKING SLO & SUSTAINABILITY: CHALLENGES IN EUROPE AND LESSONS FROM ABROAD

Tuesday, May 8

9:00-9:30 **OPENING AND SETTING THE SCENE**

Welcome

Timo Koivurova, Arctic Centre

Laura Lauri or Juha Kaija, GTK

European Commission (tbc)

Regional Council of Lapland (tbc)

Introduction

Pamela Lesser, Arctic Centre

- Summary of MIREU and SLO work package
- Introduction of team and tasks
- Workshop objectives and program for Day 1

9:30-10:15 **A CONVERSATION**

Strong Sustainability, Weak Sustainability – what does sustainability look like in Europe’s mining regions and what is the link to SLO?

Is the current concept of sustainability strong enough or should it have hard, quantitative targets? Is there one vision of economic, social and environmental sustainability across Europe’s mining regions? In light of these questions, how do the three pillars of sustainability influence SLO?

- *Michael Tost, Montanuniversität Leoben*
- *Michael Hitch, The Australian Center for Sustainable Mining Practices, University of New South Wales*

Moderator: *Gregory Poelzer, Luleå University of Technology (tbc)*

10:15-10:45 COFFEE

10.45-12:30 **STAKEHOLDER STORIES**

How SLO can help sustain regional traditions

Opening by Lars-Anders Baer (tbc)

Stories from Finland and Sweden

Northern Finland and Sweden are significant mining regions with very different histories. Sweden has a longer mining history than Finland and typically its mining industry enjoys greater support. Finnish Lapland economically benefits from mining activity, but at the same time there is distrust among much of the rural population in the area, in part due to the fairly recent environmental disaster of Talvivaara mine. The Sami in both countries have strong views on mining and the conflicts between mining and reindeer herding are well known. Yet, while land use and cultural conflicts exist, there have also been examples of compromise and cooperation.

How have some of these differences been overcome? Can there be agreement on what ‘sustainable mining’ looks like? Are there examples when reconciliation is not possible?

Stories scheduled to start the session:

- Sodankylä municipality (*tbc*)
- Akwé: Kon guidelines
- Swedish stakeholders – the case of Norbotten and/or Västerbotten

Stories from the Participants

An open format to encourage the sharing of personal experiences with mining and/or metallurgy projects.

Moderator: Florian Stammeler, Arctic Center

12:30-13:30 LUNCH AT THE ARKTIKUM

13:30-14:00 ***Introduction of SLO International Expert Stakeholder Panel***

14:00-15:30 **DISCUSSION TOPIC I**
Think Globally, Act Locally... SLO experiences from other parts of the world

While SLO began as an initiative by the mining industry to fill the governance vacuum in developing countries, it has also come to redefine the relationship between community and company in developed, prosperous countries, such as Australia, Canada and Chile. What SLO guidance (documents and toolkits) are considered successes in these countries and why? Which ones have not been so successful? Is more of a structural change needed, whether it is a new business model for mining or changes in legislation? Given Europe’s diversity of cultures, languages, economies, and societal values, can international guidelines help standardize EU guidance?

Panel: *Dámaris Fernandez*, Trinity College Dublin

Daniel Franks, UNDP-EU Development Minerals Programme tbc
Michael Hitch, University of New South Wales
Ian Thomson, Shinglespit Consultants, Inc.
Andoni Torrontegui, ENAMI
Rodrigo Urquiza, COCHILCO (tbc)

Moderator: Michael Tost, Montanuniversität Leoben *tbc*

15:30-16:00 COFFEE

16:00-17:30 **DISCUSSION TOPIC II**

Voices from the Front Lines – the role of junior mining companies and the major challenges they face

Throughout Europe's mining regions, junior mining companies face similar issues when interacting with the communities in which they operate. Expectations for junior companies are often the same as for the major mining companies but the financial resources and internal capacities are not. How do these companies cope with the demands and still operate in an environmentally, socially and economically sustainable manner? Are there lessons to be learned from the major companies that could be scaled down?

Keynote by Marco Roscher, Managing Director of SAXORE Bergbau

Panel: *Marco Roscher, SAXORE*

Joanna Kunttonen van 't Riet, Anglo American

Vicente Peinador, CONFEDEM

Johannes Drielsma, Euromines

Barbara Chammas, Rathdowney tbc

Moderator: Wolfgang Reimer, GKZ (tbc)

CLOSE OF DAY 1

19:00 DINNER AT ARCTIC BOULEVARD RESTAURANT

Wednesday, 9 May

9:00-9:15 Opening and program for Day 2.

9:15-10:45 **CLUSTERING SESSION**

Theme: SLO as a driver of innovation

Invited projects:

- REMIX
- MinGuide
- Screen
- X-mine
- Scale

Moderator: Chrysa Panagiotopoulou, NTUA

10:45-11:15 COFFEE

11:15- 12:15 A CONVERSATION

Linking the Energy Transition and Demand for Raw Materials – a platform for conducting regional raw materials engagement?

- *Eero Yrjö-Koskinen*, Finnish Network for Sustainable Mining
- *Jukka Jokela*, Anglo American
- *Rauno Sairinen*, University of Eastern Finland

Without mining and metallurgy, there would be no smart phones, no computers, no steel. Modern society's entire way of life depends on the products from mining. This argument has already been made to the public but with limited success. The energy transition, needed for Europe to meet the United Nation's Sustainable Development Goals and the targets in the Paris Climate Agreement, requires the large-scale deployment of low-carbon technologies which must be significantly ramped up, and quickly. This in turn will increase the global demand for certain minerals and metals. How can linking the two help change society's perception that mining is environmentally hazardous and socially disruptive?

Moderator: Kathy Hicks, University of Exeter

12:15-12:30 Closing of the SLO Workshop and next steps

- Preparing a draft agenda for the upcoming SLO workshop in November.
- Announcements of upcoming MIREU events: GKZ June workshop on mining and world heritage issues, clustering project events, etc.

12:30-13:30 LUNCH

Afternoon visit to be scheduled.

SLO INTERNATIONAL EXPERT STAKEHOLDER PANEL

Ms. Alison Allen	UK	Head of Overseas Environmental & Social team	Wardell Armstrong International Ltd.
Mr. Lars-Anders Baer	Sweden	Former President	Sami Parliament in Sweden
Mr. Johannes Drielsma	Europe-wide	Deputy Director	Euromines
Dr. Dámaris Fernández	Ireland	Research Fellow CRANN (Centre for Research on Adaptive Nanostructures and Nanodevices)	Trinity College Dublin
Dr. Daniel Franks	United Nations	Chief Technical Advisor and Programme Manager	UNDP-EU Development Minerals Programme
Dr. Michael Hitch	Australia	Director	The Australian Center for Sustainable Mining Practices, University of New South Wales
Mr. Eero Yrjö-Koskinen	Finland	Secretary General Executive Director	Finnish Network for Sustainable Mining Green Budget Europe
Ms. Joanna Kunttonen-van't Riet	Finland	Principal Environmental Lead	Anglo American Exploration Finland
Dr. Ian Thomson	Canada	President Principal and co-founder	Shinglespit Consulting On Common Ground Consultants, Inc.
Andoni Torrontegui	Chile	Attorney	National Mining Association of Chile (ENAMI)
Mr. Rodrigo Urquiza	Chile	Director, International Affairs	Chilean Copper Commission (COCHILCO)
Dr. Jonny Wentworth	UK	Environment Adviser	Parliamentary Office of Science and Technology (POST)