

Raw Materials & Environment 2019

Environmental Issues of Mineral and Metal Supply in a Broader Sustainability Context

19 - 20 February 2019,
Umweltforum, Pufendorfstraße 11, 10249 Berlin, Germany

Moderation: Dr. Camilla Bausch, Director, Ecologic Institute, Berlin

Agenda Day 1, 19 February 2019

11:00 – 12:00	<p>Registration Light snacks and beverages</p>
	<p>Opening session: Keynotes and Panel Discussion</p> <p><u>Keynote address:</u> Addressing the Environmental Impact of Germany's Raw Material Footprint. Maria Krautzberger, <i>President of the German Environment Agency</i></p> <p><u>Keynote address:</u> Creating the way towards sustainable raw materials for economy and well-being – are we on track? Svenja Schulze, <i>German Federal Minister for the Environment, Nature Conservation and Nuclear Safety</i></p> <p><u>Keynote speech:</u> From Mitigation to Contribution: Are we seeing only the trees and not the forest? Dr. R. Anthony Hodge, <i>Senior Scholar, Queen's University of Kingston, Canada (former President International Council on Mining & Metals (ICMM) (2007 – 2015) and Friends of the Earth Canada (1989 – 1992))</i></p>
12:00 – 14:00	<p>Panel discussion</p> <p>Svenja Schulze, <i>German Federal Minister for the Environment, Nature Conservation and Nuclear Safety</i></p> <p>Dr. Elias T. Ayuk, <i>Member UNEP International Resource Panel; Former Director, United Nations University Institute for Natural Resources in Africa (UNU-INRA)</i></p> <p>Mark Rachovides, <i>President Euromines (ICMM Member Association)</i></p> <p>Manuel Pulgar Vidal, <i>Global Climate and Energy Practice Lead, World Wide Fund For Nature (WWF) International (former Minister of State for Environment Peru (2011 – 2016))</i></p> <p>Dr. R. Anthony Hodge, <i>Senior Scholar, Queen's University of Kingston (former President ICMM (2007 – 2015) and Friends of the Earth Canada (1989 – 1992))</i></p>

14:00 – 14:30	Coffee break
Plenary session 1: Mining and the Environment	
14:30 – 16:15	<ol style="list-style-type: none"> 1) Mining in the Philippines: Issues, Challenges and Initiatives. <i>Grizelda Mayo-Anda, Executive Director, Environmental Legal Assistance Center, Inc. (ELAC), Philippines</i> 2) Mine Tailing Storage: Safety is no Accident. <i>Kristina Thygesen, Programme Leader, Ocean Governance and Geological Resources, GRID-Arendal – Collaborating Centre with UN Environment, Norway</i> 3) IRMA – The Answer to Global Demand for more Socially and Environmentally Responsible Mining. <i>Aimee Boulanger, Coordinator, Initiative for Responsible Mining Assurance (IRMA), USA</i> 4) OekoRess – Environmental Criticality of Raw Materials. <i>Andreas Manhart, Senior Researcher Sustainable Products & Material Flows, Öko-Institute; Regine Vogt, ifeu; Dr. Michael Priester, Projekt-Consult; Günter Dehoust, Öko-Institute, Germany</i>
Coffee break	
16:15 – 16:45	<p>Launch of the International Resource Panel's Report: Mineral Resources Governance in the 21st Century – Gearing Extractive Industries towards Sustainable Development.</p> <p><i>Dr. Elias T. Ayuk, Member UNEP International Resource Panel; Former Director, United Nations University Institute for Natural Resources in Africa (UNU-INRA)</i></p>
16:45	<p>Plenary session 2: Options for International and EU Governance of Mining and Raw Material Supply Chains</p> <ol style="list-style-type: none"> 1) International Governance Options for Environmentally Sound Mineral Extraction - Laws, Standards and Cooperation. <i>Dr. Ralph Bodle, Senior Fellow, Ecologic Institute, Germany</i> 2) Options for EU-Raw Materials Policy to Strengthen Global Responsible Mining and Sourcing. <i>Dr. Doris Schüller, Senior expert Resources & Transport Division, Öko-Institut, Germany</i> 3) A Methodology to Improve the Safety of Tailings Management Facilities <i>Dr. Dmytro Rudakov, Chair and Professor of Department of Hydrogeology and Engineering Geology, Dnipro University of Technology, Ukraine</i>
17:15	Evening buffet reception
18:30 – 21:00	

Agenda Day 2, 20 February 2019

Time	Topic
8:30	Arrival coffee
9:00	Welcome and Recalling Day 1 <i>Moderator</i>
9:10 – 10:50	Plenary session 3: Responsibility in Global Supply Chains <ol style="list-style-type: none">1) Mapping Sustainability Standard Systems for Mining and Mineral Supply Chains. <i>Dr. Gudrun Franken, Head of the Mining and Sustainability unit, Federal Institute for Geosciences and Natural Resources (BGR), Germany</i>2) Voluntary Initiatives & Public Policy in the Extractive Economy. <i>Laura Turley, Associate, International Institute for Sustainable Development (IISD), Canada</i>3) Sustainable Supply Chain Management at the BMW Group. <i>Claudia Becker, Specialist supply chain due diligence cobalt & copper, BMW Group, Germany</i>4) The role of voluntary initiatives in Artisanal and Small Scale Mining: The case of CRAFT (Code of Risk mitigation for Artisanal and small scale miners engaging in Formal Trade). <i>Dr. Maria Laura Barreto, Director, Material Efficiency Research Group (MERG), Canada and Alliance for Responsible Mining (ARM)</i>
10:50 – 11:20	Coffee break
11:20 – 12:40	Plenary Session 4: Mining and Climate Change <ol style="list-style-type: none">1) Climate Change Impacts on Mining and Raw Material Supply. <i>Lukas Rüttinger, Senior Project Manager, adelphi, Germany</i>2) The Energy and Carbon Intensity of Mining: Understanding the Growing Importance of Renewable Energy. <i>Dr. Gavin Mudd, Associate Professor, Royal Melbourne Institute of Technology (RMIT) University, Australia</i>3) Integrating Renewables in the Mining Sector. <i>Nicolas Maennling, Senior Economics and Policy Researcher, Columbia Centre for Sustainable Investment, USA</i>
12:40	Introducing the topics for the afternoon breakout sessions and the poster walk during lunch <i>Moderator</i>

12:45 – 13:45

Lunch break

Including **Poster Walk**:

- Pilot Screening of Environmental Hazard Potentials: First results for 20 Large Mine Sites for Copper, Bauxite and Iron. **Dr. Aissa Rechlin, Consultant, Projekt-Consult/ Claudia Kämper, ifeu/ Peter Dolega, Researcher Resources & Transport, Öko-Institute, Germany** (5 Posters)
- Mine Rehabilitation in Mongolia - Strengthening environmental protection requirements for the rehabilitation of areas devastated by coal-mining in Mongolia. **Jörg Frauenstein, German Environment Agency**
- Responsible Mining Index - Encouraging continuous improvement in responsible mining. **Anja Straumann, Researcher and Sarah Sobczak, Chief Operating Officer, Responsible Mining Foundation, Switzerland**

Four parallel break-out sessions shall serve to deepen the plenary discussions, to interlace the topics and give room for debate.

Session 1: Mining and the Environment (Plenary Hall)

What possibilities do you see for European manufacturing industries to play a proactive role in a more responsible mining of mineral resources?

How can the presented OekoRess-approach or other approaches support company and government attempts to green raw material supply chains?

Moderator: **Andreas Manhart, Senior Researcher Sustainable Products & Material Flows, Öko-Institute**

Short inputs: **Oscar Campanini, CEDIB; Aimee Boulanger, IRMA; Raphael Deberdt, RCS Global; Regine Vogt, ifeu/OekoRess**

13:45 – 15:00

Session 2: Options for International and EU Governance (Room Seminar 10)

What are the arguments for and against seeking international obligations on states in a treaty on mineral extraction?

How effective are national laws whose intended effects are across the national border, e.g. by imposing due diligence obligations on importers of raw materials?

Moderators: **Andreas Hermann, Senior Researcher Environmental Law & Governance, Öko-Institute; Heidi Stockhaus, Fellow, Ecologic Institute; Oliver Weber, research officer, German Environment Agency**

Short input: **Dr. Ralph Bodle, Senior Fellow, Ecologic Institute**

Session 3: Responsibility in Global Supply Chains (Room Seminar 9)

Is there a need for cross-recognition or harmonization of standards or an overarching environmental supply-chain-due-diligence framework?

Which mechanisms can support a fair sharing of costs for responsible mining along global supply chains?

Moderators: **Christoph Töpfer**, Scientific Officer, German Environment Agency; **Dr. Leopold von Carlowitz**, Senior Adviser, GIZ

Short inputs: **Johanna Sydow**, Policy Advisor – Resource Policy and IT Sector, Germanwatch; **Claudia Bierth**, European Sustainability Manager, Ball Corp.

Session 4: Mining and Climate Change (Room Seminar 1/2)

The need for climate change adaptation in the mining sector: What are policy entry points at the national and international level to address the sector's vulnerability to climate change? What are approaches at company level?

Moderators: **Lukas Rüttinger**, Senior Project Manager and **Pia van Ackern**, Research Analyst, adelphi

Short inputs: **Dr. Michael Priester**, Projekt-Consult; **Magnus Benzie**, SEI; **Dr. Antje Wittenberg**, BGR; **Lukas Rüttinger**, adelphi

15:00 – 15:30

Coffee break

Key messages from parallel break-out sessions:

Rapporteur Session 1: **Oscar Campanini**, Director, Centro de Documentación e Información Bolivia (CEDIB)

Rapporteur Session 2: **Dr. Christian Hagelüken**, Director Government Affairs, Umicore AG & Co KG

Rapporteur Session 3: **Tyler Gillard**, Head of Sector Projects and Legal Adviser in the Responsible Business Conduct Unit, OECD

15:30 – 15:50

Rapporteur Session 4: **Dr. Massimo Gasparon**, Innovation Director, European Institute of Innovation and Technology (EIT) Raw Materials

	<p>Plenary session 5: Closing Panel Adding perspectives on future needs and reflecting on the conference topics</p>
15:50 – 17:00	<p>Jan Kosmol, <i>Research and Policy Officer, German Environment Agency</i></p> <p>Tyler Gillard, <i>Head of Sector Projects and Legal Adviser in the Responsible Business Conduct Unit, OECD</i></p> <p>Dr. Massimo Gasparon, <i>Innovation Director, EIT Raw Materials</i></p> <p>Oscar Campanini, <i>Director, Centro de Documentación e Información Bolivia</i></p> <p>Dr. Paul Jourdan, <i>African integrated development expert</i></p> <p>Dr. Christian Hagelüken, <i>Director Government Affairs, Umicore AG & Co KG</i></p>
17:00	<p>Closing</p> <p>Dr. Bettina Rechenberg, <i>Director General Sustainable Production and Products, Waste management, German Environment Agency</i></p>
17:15	End of conference