

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

Moderation: 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> Maria Krautzberger, President of the German Environment Agency</p> <p><u>Keynote address:</u> Svenja Schulze, German Federal Minister for the Environment, Nature Conservation and Nuclear Safety</p> <p><u>Keynote speech:</u> R. Anthony Hodge, Senior Scholar, Queen's University of Kingston, Canada (former President ICMM (2007 – 2015) and Friends of the Earth Canada (1989 – 1992))</p> <p>Panel discussion</p> <p>Svenja Schulze, German Federal Minister for the Environment, Nature Conservation and Nuclear Safety</p> <p>Elias T. Ayuk, Director, United Nations University Institute for Natural Resources, Accra, Ghana and Member UNEP International Resource Panel</p> <p>Mark Rachovides, President Euromines (ICMM Member Association)</p> <p>Manuel Pulgar Vidal, Global Climate and Energy Practice Lead, World Wide Fund For Nature (WWF) International (former Minister of State for Environment Peru (2011 – 2016))</p> <p>R. Anthony Hodge, Senior Scholar, Queen's University of Kingston (former President ICMM (2007 – 2015) and Friends of the Earth Canada (1989 – 1992))</p>
12:00 – 14:00	

14:00 – 14:30	Coffee break
14:30 – 16:15	<p>Plenary session 1: Mining and the Environment</p> <ol style="list-style-type: none"> 1) Mining in the Philippines: Issues, Challenges and Initiatives. <i>Grizelda Mayo-Anda, Environmental Legal Assistance Center, Inc. (ELAC), Philippines</i> 2) Mine Tailing Storage: Safety is no Accident. <i>Kristina Thygesen, 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, Initiative for Responsible Mining Assurance (IRMA), USA</i> 4) Environmental Criticality of Raw Materials. <i>Andreas Manhart, Öko-Institute; Regine Vogt, ifeu; Michael Priester, Projekt-Consult; Günter Dehoust, Öko-Institute, Germany</i>
16:15 – 16:45	Coffee break
16:45	<p>Launch of the International Resource Panel's Report: Mineral Resource Governance for Sustainable Development. <i>Elias T. Ayuk, Director, United Nations University Institute for Natural Resources, Accra, Ghana and Member UNEP International Resource Panel</i></p>
17:15	<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>Ralph Bodle, Ecologic Institute, Germany</i> 2) Options for EU-Raw Materials Policy to Strengthen Global Responsible Mining and Sourcing. <i>Doris Schüler, Öko-Institut, Germany</i> 3) A Methodology to Improve the Safety of Tailings Management Facilities <i>Dmytro Rudakov, Dnipro University of Technology, Ukraine</i>
18:30 – 21:00	Evening buffet reception

Agenda Day 2, 20 February 2019

Time	Topic
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>Gudrun Franken, Federal Institute for Geosciences and Natural Resources (BGR), Germany</i>2) Voluntary Initiatives & Public Policy in the Extractive Economy. <i>Laura Turley, International Institute for Sustainable Development (IISD), Canada</i>3) Sustainable Supply Chain Management at the BMW Group. <i>Claudia Becker, 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>Maria Laura Barreto, 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, adelphi, Germany</i>2) The Energy and Carbon Intensity of Mining: Understanding the Growing Importance of Renewable Energy. <i>Gavin Mudd, Royal Melbourne Institute of Technology (RMIT) University, Australia</i>3) Integrating Renewables in the Mining Sector. <i>Nicolas Maennling, Columbia Centre for Sustainable Investment</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 Poster List:

- Pilot Screening of Environmental Hazard Potentials: First results for 20 Large Mine Sites for Copper, Bauxite and Iron. **Aissa Rechlin**, project-consult/ **Claudia Kämper**, ifeu/ **Peter Dolega**, 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** and **Sarah Sobczak**, Responsible Mining Foundation

Four Parallel break-out sessions:

The parallel sessions serve to deepen the plenary discussions, give room for debate and help prepare key messages per topic.

Session 1: Mining and the Environment

(Session Lead: Andreas Manhart, Öko-Institute)

Session 2: Options for International and EU Governance

(Session Lead: Ralph Bodle, Ecologic Institute)

Session 3: Responsibility in Global Supply Chains

Session Lead: Christoph Töpfer, German Environment Agency (UBA); impulse

by **Lucia Mancini**, European Commission Joint Research Centre (JRC)

Session 4: Mining and Climate Change

(Session Lead: Lukas Rüttinger, adelphi)

13:45 – 15:00

Coffee break

Outcome of Break-out Sessions

15:30 – 15:50

Rapporteurs

Plenary session 5: Closing Panel

Adding perspectives on future needs and reflecting on the conference topics

Jan Kosmol, German Environment Agency (UBA)

15:50 – 17:00

Tyler Gillard, OECD

Massimo Gasparon,
European Institute of Innovation and Technology EIT RawMaterials

Oscar Campanini,
Centro de Documentación e Información Bolivia (CEDIB)

Paul Jourdan,
Mining Equipment Manufacturers of South Africa (MEMSA)

Christian Hagelüken, *Umicore AG & Co KG*

17:00

Closing

Bettina Rechenberg, *German Environment Agency (UBA)*