

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

14:00 – 14:30	<b>Coffee break</b>
14:30 – 16:15	<p><b>Plenary session 1: Mining and the Environment</b></p> <ol style="list-style-type: none"> <li>1) Mining in the Philippines: Issues, Challenges and Initiatives. <i>Grizelda Mayo-Anda, Environmental Legal Assistance Center, Inc. (ELAC), Philippines</i></li> <li>2) Mine Tailing Storage: Safety is no Accident. <i>Kristina Thygesen, GRID-Arendal – Collaborating Centre with UN Environment, Norway</i></li> <li>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></li> <li>4) Environmental Criticality of Raw Materials. <i>Andreas Manhart, Öko-Institute; Regine Vogt, ifeu; Michael Priester, Projekt-Consult; Günter Dehoust, Öko-Institute, Germany</i></li> </ol>
16:15 – 16:45	<b>Coffee break</b>
16:45	<p><b>Launch of the International Resource Panel's Report:</b> 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><b>Plenary session 2: Options for International and EU Governance of Mining and Raw Material Supply Chains</b></p> <ol style="list-style-type: none"> <li>1) International Governance Options for Environmentally Sound Mineral Extraction - Laws, Standards and Cooperation. <i>Ralph Bodle, Ecologic Institute, Germany</i></li> <li>2) Options for EU-Raw Materials Policy to Strengthen Global Responsible Mining and Sourcing. <i>Doris Schüler, Öko-Institut, Germany</i></li> <li>3) A Methodology to Improve the Safety of Tailings Management Facilities <i>Dmytro Rudakov, Dnipro University of Technology, Ukraine</i></li> </ol>
18:30 – 21:00	Evening buffet reception

## Agenda Day 2, 20 February 2019

Time	Topic
9:00	<b>Welcome and Recalling Day 1</b> <i>Moderator</i>
9:10 – 10:50	<b>Plenary session 3: Responsibility in Global Supply Chains</b> <ol style="list-style-type: none"><li>1) Mapping Sustainability Standard Systems for Mining and Mineral Supply Chains. <i>Gudrun Franken, Federal Institute for Geosciences and Natural Resources (BGR), Germany</i></li><li>2) Voluntary Initiatives &amp; Public Policy in the Extractive Economy. <i>Laura Turley, International Institute for Sustainable Development (IISD), Canada</i></li><li>3) Sustainable Supply Chain Management at the BMW Group. <i>Claudia Becker, BMW Group, Germany</i></li><li>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></li></ol>
10:50 – 11:20	<b>Coffee break</b>
11:20 – 12:40	<b>Plenary Session 4: Mining and Climate Change</b> <ol style="list-style-type: none"><li>1) Climate Change Impacts on Mining and Raw Material Supply. <i>Lukas Rüttinger, adelphi, Germany</i></li><li>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></li><li>3) [Renewable Power of the Mine.] <i>Nicolas Maennling, Columbia Centre for Sustainable Investment</i></li></ol>
12:40	Introducing the topics for the afternoon breakout sessions and the poster walk during lunch <i>Moderator</i>
12:45 – 13:45	<b>Lunch break</b> 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)
- [Strengthening environmental protection requirements in the recultivation of mining land 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**

15:00 – 15:30

**Rapporteurs**

Key recommendations/insights from working groups

**Plenary session 5: Closing Panel**

Adding perspectives on future needs and reflecting on the conference topics

**Jan Kosmol**, German Environment Agency (UBA)

15:30 – 15:50

**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)**