

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	Registration Light snacks and beverages
12:00 – 14:00	Opening session: Keynotes and Panel Discussion <u>Keynote address:</u> Maria Krautzberger , President of the German Environment Agency <u>Keynote address:</u> Svenja Schulze , German Federal Minister for the Environment, Nature Conservation and Nuclear Safety <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)) Panel discussion Svenja Schulze , German Federal Minister for the Environment, Nature Conservation and Nuclear Safety Elias T. Ayuk , Director, United Nations University Institute for Natural Resources, Accra, Ghana and Member UNEP International Resource Panel Mark Rachovides , President Euromines (ICMM Member Association) 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)) R. Anthony Hodge , Senior Scholar, Queen's University of Kingston (former President ICMM (2007 – 2015) and Friends of the Earth Canada (1989 – 1992))

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. Grizelda Mayo-Anda, Environmental Legal Assistance Center, Inc. (ELAC), Philippines 2) Mine Tailing Storage: Safety is no Accident. Kristina Thygesen, GRID-Arendal – Collaborating Centre with UN Environment, Norway 3) IRMA – The Answer to Global Demand for more Socially and Environmentally Responsible Mining. Aimee Boulanger, Initiative for Responsible Mining Assurance (IRMA), USA 4) Environmental Criticality of Raw Materials. Andreas Manhart, Öko-Institute; Regine Vogt, ifeu; Michael Priester, Projekt-Consult; Günter Dehoust, Öko-Institute, Germany
16:15 – 16:45	Coffee break
16:45	<p>Launch of the International Resource Panel's Report: Mineral Resource Governance for Sustainable Development. Elias T. Ayuk, Director, United Nations University Institute for Natural Resources, Accra, Ghana and Member UNEP International Resource Panel</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. Ralph Bodle, Ecologic Institute, Germany 2) Options for EU-Raw Materials Policy to Strengthen Global Responsible Mining and Sourcing. Doris Schüler, Öko-Institut, Germany 3) A Methodology to Improve the Safety of Tailings Management Facilities Dmytro Rudakov, Dnipro University of Technology, Ukraine
18:30 – 21:00	Evening buffet reception

Agenda Day 2, 20 February 2019

Time	Topic
9:00	Welcome and Recalling Day 1 Moderator
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. Gudrun Franken, <i>Federal Institute for Geosciences and Natural Resources (BGR), Germany</i> 2) Voluntary Initiatives & Public Policy in the Extractive Economy. Laura Turley, <i>International Institute for Sustainable Development (IISD), Canada</i> 3) Sustainable Supply Chain Management at the BMW Group. Claudia Becker, <i>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). Maria Laura Barreto, <i>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. Lukas Rüttinger, <i>adelphi, Germany</i> 2) The Energy and Carbon Intensity of Mining: Understanding the Growing Importance of Renewable Energy. Gavin Mudd, <i>Royal Melbourne Institute of Technology (RMIT) University, Australia</i> 3) Integrating Renewables in the Mining Sector. Nicolas Maennling, <i>Columbia Centre for Sustainable Investment</i>
12:40	Introducing the topics for the afternoon breakout sessions and the poster walk during lunch Moderator
12:45 – 13:45	Lunch break Including poster walk Poster List:

	<ul style="list-style-type: none"> - 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
13:45 – 15:00	<p>Four Parallel break-out sessions:</p> <p>The parallel sessions serve to deepen the plenary discussions, give room for debate and help prepare key messages per topic.</p> <p>Session 1: Mining and the Environment (<u>Session Lead:</u> Andreas Manhart, Öko-Institute)</p> <p>Session 2: Options for International and EU Governance (<u>Session Lead:</u> Ralph Bodle, Ecologic Institute)</p> <p>Session 3: Responsibility in Global Supply Chains <u>Session Lead:</u> Christoph Töpfer, German Environment Agency (UBA); impulse by Lucia Mancini, European Commission Joint Research Centre (JRC)</p> <p>Session 4: Mining and Climate Change (<u>Session Lead:</u> Lukas Rüttinger, adelphi)</p>
15:00 – 15:30	Coffee break
15:30 – 15:50	<p>Outcome of Break-out Sessions</p> <p>Key recommendations/insights from working groups</p> <p>Rapporteurs</p>
15:50 – 17:00	<p>Plenary session 5: Closing Panel</p> <p>Adding perspectives on future needs and reflecting on the conference topics</p> <p>Jan Kosmol, German Environment Agency (UBA)</p> <p>Tyler Gillard, OECD</p> <p>Massimo Gasparon, European Institute of Innovation and Technology EIT RawMaterials</p>

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)*