

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: Camilla Bausch, Director, Ecologic Institute, Berlin

Agenda Day 1, 19 February 2019

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

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, <i>Environmental Legal Assistance Center, Inc. (ELAC), Philippines</i> 2) Mine Tailing Storage: Safety is no Accident. Kristina Thygesen, <i>GRID-Arendal – Collaborating Centre with UN Environment, Norway</i> 3) IRMA – The Answer to Global Demand for more Socially and Environmentally Responsible Mining. Aimee Boulanger, <i>Initiative for Responsible Mining Assurance (IRMA), USA</i> 4) OekoRess – Environmental Criticality of Raw Materials. Andreas Manhart, <i>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 Resources Governance in the 21st Century – Gearing Extractive Industries towards Sustainable Development. Elias T. Ayuk, <i>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. Ralph Bodle, <i>Ecologic Institute, Germany</i> 2) Options for EU-Raw Materials Policy to Strengthen Global Responsible Mining and Sourcing. Doris Schüler, <i>Öko-Institut, Germany</i> 3) A Methodology to Improve the Safety of Tailings Management Facilities Dmytro Rudakov, <i>Dnipro University of Technology, Ukraine</i>
18:30 – 21:00	Evening buffet reception

Agenda Day 2, 20 February 2019

Time	Topic
8:30	Arrival coffee
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, USA</i>
12:40	Introducing the topics for the afternoon breakout sessions and the poster walk during lunch Moderator

12:45 – 13:45	<p>Lunch break</p> <p>Including Poster Walk:</p> <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, Projekt-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, Switzerland
13:45 – 15:00	<p>Four parallel break-out sessions shall serve to deepen the plenary discussions, to interlace the topics and give room for debate.</p> <p>Session 1: Mining and the Environment</p> <p><i>What possibilities do you see for European manufacturing industries to play a proactive role in a more responsible mining of mineral resources?</i></p> <p><i>How can the presented OekoRess-approach or other approaches support company and government attempts to green raw material supply chains?</i></p> <p>Moderator: Andreas Manhart, Öko-Institute</p> <p>Short inputs: Oscar Campanini, CEDIB; Aimee Boulanger, IRMA; Raphael Deberdt, RCS Global; Regine Vogt, ifeu/OekoRess</p> <p>Session 2: Options for International and EU Governance</p> <p><i>What are the arguments for and against seeking international obligations on states in a treaty on mineral extraction?</i></p> <p><i>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?</i></p> <p>Moderators: Andreas Hermann (Öko-Institute), Heidi Stockhaus (Ecologic Institute), Oliver Weber, UBA</p> <p>Short input: Ralph Bodle, Ecologic Institute</p> <p>Session 3: Responsibility in Global Supply Chains</p> <p><i>Is there a need for cross-recognition or harmonization of standards or an overarching environmental supply-chain-due-diligence framework?</i></p> <p><i>Which mechanisms can support a fair sharing of costs for responsible mining along global supply chains?</i></p> <p>Moderators: Christoph Töpfer, UBA; Leopold von Carlowitz, GIZ</p> <p>Short inputs: Johanna Sydow, germanwatch; Claudia Bierth, Ball Corp.</p>

	<p>Session 4: Mining and Climate Change</p> <p><i>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?</i></p> <p>Moderators: Lukas Rüttinger and <i>Pia van Ackern</i>, adelphi</p> <p>Short inputs: Michael Priester, Projekt-Consult; Magnus Benzie, SEI; Antje Wittenberg, BGR; Lukas Rüttinger, adelphi</p>
15:00 – 15:30	Coffee break
15:30 – 15:50	<p>Key messages from parallel break-out sessions:</p> <p>Rapporteur Session 1: Oscar Campanini, CEDIB</p> <p>Rapporteur Session 2: Christian Hagelüken, umicore</p> <p>Rapporteur Session 3: Tyler Gillard, OECD</p> <p>Rapporteur Session 4: Massimo Gasparon, EIT Raw Materials</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> <p>Oscar Campanini, Centro de Documentación e Información Bolivia (CEDIB)</p> <p>Paul Jourdan, Mining Equipment Manufacturers of South Africa (MEMSA)</p> <p>Christian Hagelüken, Umicore AG & Co KG</p>
17:00	<p>Closing</p> <p>Bettina Rechenberg, German Environment Agency (UBA)</p>
17:15	End of conference