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## **Bryan Lovell Meeting 2017: Mining for the Future**

**23-24 November 2017**

### **Programme**

<b>Thursday 23 November 2017</b>	
09.30	<b>Registration &amp; tea &amp; coffee (Main foyer and Lower Library)</b>
<b>Theme 1: Future supply and demand</b>	
10.00	<b>KEYNOTE: Demand trends for mineral raw materials relevant to the energy transition</b> Peter Buchholz (DERA – German Mineral Resources Agency)
10.40	<b>Sustainable resource governance, the nexus and saturation levels</b> Raimund Bleischwitz (University College London)
11.00	<b>The shape of the industrial minerals sector in 2050</b> David Manning (Newcastle University)
11.20	<b>Tea, coffee and refreshments and posters (Lower Library)</b>
11.50	<b>The diversification of raw materials by new technologies</b> David Merriman (Roskill Information Services Ltd)
12.10	<b>Metals and minerals for the energy transition: Challenges for global governance</b> Sian Bradley (Chatham House)
12.30	<b>Lunch and posters (Lower Library)</b>
13.30	<b>Panel-led discussion: How confident can we be about future demand trends? How can we plan for an uncertain future?</b>
<b>Theme 2: Where will future resources come from?</b>	
14.30	<b>KEYNOTE: Sourcing metals for the future: The why, the where and the how</b> Richard Herrington (Natural History Museum)
15.10	<b>Developing new exploration models for rare earth elements and associated critical metals</b> Kathryn Goodenough (British Geological Survey)
15.30	<b>Tea, coffee and refreshments and posters (Lower Library)</b>
16.00	<b>New prospect or old rubbish? A geological perspective on secondary metal resources and the 'urban mine'</b> Andrew Bloodworth (British Geological Survey)
16.20	<b>Discovering the undiscovered: the role and value of industry-academia collaboration</b> Joshua Hughes (Durham University)

16.40	<b>Mineral exploration projects [title TBC]</b> Alex Lemon (Mkango Resources Ltd)
17.00	<b>Panel-led discussion: Does it make sense to think about 'running out' of mineral resources? What are the constraints on current and future resource availability?</b>
18.00 – 19.00	<b>Drinks reception and posters (Lower Library)</b>
<b>Friday 24 November 2017</b>	
08.30	<b>Registration, Tea &amp; coffee (Main foyer and Lower Library)</b>
<b>Theme 3: Meeting the resource challenge responsibly</b>	
09.00	<b>KEYNOTE: Reconsidering the role of minerals and matter in international development</b> Daniel Franks (United Nations Development Programme)
09.40	<b>Opportunities for mining companies to contribute to the UN Sustainable Development Goals in Sub-Saharan Africa</b> Natalia Yakovleva (Newcastle University)
10.00	<b>Social responsibility in the mining sector</b> Sarah Gordon (Satarla Ltd)
10.20	<b>Responsible sourcing of minerals</b> Frances Wall (Camborne School of Mines)
10.40	<b>Tea, coffee and refreshments and posters (Lower Library)</b>
11.10	<b>Rethinking the Narrative: Building A Case for Formalizing Artisanal and Small-Scale Mining in Sub-Saharan Africa</b> Gavin Hilson (University of Surrey)
11.30	<b>The Importance of water in project development, and how to reduce risk</b> Julia Dent (WSP Water Services)
11.50	<b>Panel-led discussion: How can we share the benefits and risks (economic, environmental and social) of mining more fairly? Can the resources needed for global development be sourced in an environmentally and socially acceptable way?</b>
12.50	<b>Lunch and posters (Lower Library)</b>
<b>Theme 4: Who should we engage in this effort, and how?</b>	
13.50	<b>KEYNOTE: Mobilising the European raw materials sector</b> Karen Hanghøj (EIT Raw Materials)
14.30	<b>The role of industry in meeting our mineral needs sustainably [title TBC]</b> Froydis Cameron-Johansson (Anglo American)
14.50	<b>The Great Battery Race and the New World of Resources</b> Henry Sanderson (Financial Times)
15.10	<b>Getting policymakers on board with the mineral resource challenge</b> Thomas Evans (Policy Connect)
15.30	<b>Tea, coffee and refreshments and posters (Lower Library)</b>
16.00	<b>Panel-led discussion: How can we build a roadmap for meeting future resource needs, an interdisciplinary community up for addressing this challenge, and the social and political capital to make it possible?</b>