

## TENTATIVE DRAFT PROGRAM

### (Version May)

**FORAM 18 PILOT EVENT – 27 June 2018 – Nancy, France**

|                      |  |
|----------------------|--|
| <b>8.00 – 9.00</b>   | Registration   |
| <b>9.00 – 10.30</b>  | <p><b>Plenary Session - Setting the Scene</b></p> <p>Opening<br/>           Bas de Leeuw (Managing Director, World Resources Forum)<br/>           Jonas Hedberg (Senior Project Adviser, European Commission EASME)</p> <p>Keynote External Speaker<br/>           Gerben-Jan Gerbrandy (Member of European Parliament) (tbc)</p> <p>Introducing the FORAM Project<br/>           Mathias Schluep (Programme Director, World Resources Forum)</p> <p>Introducing Workshop Topics<br/>           Outcomes of Stakeholder Videoconferences: Jelena Vidovic (Scientific Officer, EuroGeoSurveys)</p> <p>Interactive session to receive comments and inputs from the participants</p>   |
| <b>10.30 – 11.00</b> | Coffee Break   |
| <b>11.00 – 13.00</b> | <p><b>Workshops WS 1, WS 2, WS 3 (Parallel Sessions)</b></p> <p><b>WS 1: Knowledge Management (WHAT:SCIENCE)</b><br/>           Chair: Federico Magalini (Project Manager, United Nations University)<br/>           Keynote Speaker: Barbara Reck (Senior Research Scientist, Yale University)</p> <p><b>WS 2: Policies and Strategies (WHY:SOCIETY)</b><br/>           Chair: Slavko Solar (Secretary General, EuroGeoSurveys)<br/>           Keynote Speaker: Peder Jensen (Head of the Secretariat of IRP, UN Environment)</p> <p><b>WS 3: International Cooperation (HOW:ROADMAP)</b><br/>           Chair: Vitor Correia (President, European Federation of Geologists)<br/>           Keynote Speaker: Julian Hilton (Chair, UNECE/EGRC Sustainable Development Goals Delivery Working Group)</p> |
| <b>13:00 – 14.00</b> | Lunch  |



**14.00 – 16.00**

**Plenary Session: Outcomes of the Workshops**

Keynote Speaker

Stefan Bringezu (Professor and Director at Center for Environmental Systems Research Sustainable Resource Futures Group, University of Kassel)

Panel Discussion with Workshop Chairs & Speakers

Open Discussion with the Audience

**16.00 – 16.30**

Coffee Break

**16.30 – 17.30**

**Closing Session**

Keynote Speaker

Malwina Nowakowska (Policy Officer, European Commission) [\(tbc\)](#)

Closing Words

Victoire de Margerie (Vice Chairman, World Materials Forum)

Greg Mulholland (CEO, Citrine Informatics)

Summary/Declaration

Next Steps

**17.30 – 18.30**

**Aperitif**



## Workshop Descriptions

### WS 1: Knowledge Management (WHAT: SCIENCE)

**Chair:** Federico Magalini (Project Manager, United Nations University)

**Keynote speaker:** Barbara Reck (Senior Research Scientist, Yale University)

#### Description and objective of the workshop:

This workshop focuses on **knowledge management**, in other words: what knowledge exist, in what format, what are the gaps, and priority topics; those might include data on primary versus secondary raw materials, analysis of flows, prices and stocks for commodities, technological as well socio-economic aspects. Generated knowledge on raw materials is important for research, education and capacity building: a growing number of stakeholders globally (academia, NGOs, industries, IOs) gather data on raw materials. To be able to share this data, efficient infrastructures are needed. The workshop will be the occasion to discuss which platforms can be used or developed to share data.

At the same time, in the field of education and capacity building there are different approaches to centralize and share materials; those include curricula for students and online education programs, such as massive open online courses (MOOCS), but also dedicated material and trainings for practitioners like face-to-face or online trainings.

During the workshop we will discuss and identify major knowledge gaps that hinder progress in improving global raw materials management; we will discuss how to improve the effectiveness of relevant initiatives; and we will finally define a roadmap to engage worldwide network of stakeholders to manage knowledge management in an efficient and effective way.

### WS 2: Policies and Strategies (WHY: SOCIETY)

**Chair:** Slavko Solar (Secretary General, EuroGeoSurveys)

**Keynote speaker:** Peder Jensen (Head of the Secretariat of IRP, UN Environment)

#### Description and objective of the workshop:

Every country, region and smaller administrative unit needs strategies and policies to balance supply and demand of raw materials in a sustainable manner, also acceptable to society. These strategies and policies define the sourcing of raw materials (primary and secondary raw materials), full cost accounting of their production and processing, as well as other elements of parts of value chain (product design, manufacturing, use of product, collection, reuse, recycling, etc.).

Strategies and policies must be in line with the broader societal goals laid down in other strategies and policies such as industrial policy, environmental protection, social well-being, etc. For setting strategies and policies, process and outcome are of equal importance. Process is a social interaction, stakeholder consultation with

transparent sharing of related data and knowledge, with known and respected roles and timeline. Outcomes are strategies or policies that should be implementable in a way to increase social well-being. Good strategies and policies would be also easy to monitor, review and adapt if needed. Each stage of policy cycle should have coherent linkages within its cycle and with other relevant or crosscutting strategies and policies.

Workshop objective is to place policies and strategies in overall context of the FORAM project by creating few important recommendations to main stakeholders, with the special focus on: (a) strategies / policies horizontal and vertical integration, (b) balance between process (including social license to mine) and outcomes (implementable minerals strategies and policies), and (c) examples of good practice.

### **WS 3: International Cooperation (HOW: ROADMAP)**

**Chair:** Vitor Correia (President, European Federation of Geologists)

**Keynote speaker:** Julian Hilton (Chair, UNECE/EGRC Sustainable Development Goals Delivery Working Group)

#### **Description and objective of the workshop:**

No country has all raw materials it needs. This explains why the trade of mineral resources has been with humankind since our ancestors started developing tools. There is evidence of the exchange of obsidian and flint during the Stone Age. Later, gold, silver, precious stones, copper, tin, iron ore and many other elements were traded in all major civilisations, including Mesopotamia, Greece, Egypt, China, India and the Roman Empire. And in modern times coal became the fuel of the industrial revolution, and the trade of coal (and later oil and natural gas) and iron had a massive impact on transport infrastructures (ports, canals and railways), facilitating the movement of goods, people and ideas.

Technology has enlarged the range of raw materials used in industrial applications. Nowadays, the list of raw materials used in industry encompasses a more significant share of the elements in the periodic table, and undoubtedly, international cooperation and free trade of raw materials are paramount to tackle the expectations of a growing world population.

This workshop aims to discuss how to advance international cooperation in the raw materials domain, at times where free-trade seems to be weakening, nationalism is rising, and population growth and climate change are posing new challenges to society.

