

Programme

14.00-14.15: Opening session

Carlos Neto, University of Aveiro and Michael Havbro Faber Nielsen, Technical University of Denmark

14.15-14.30: A view from the industry

Corina Hebestreit, Euromines: *The importance of the European Innovation Partnership on Raw Materials*

14.30-15.30: Session 1

Moderator: Ana Daniel, University of Aveiro

Marisa Matias, Member of European Parliament: *Presentation*

Luis Martins, Eurocolt: *Exploration and exploitation of mineral resources in Portugal*

Bo Møller Stensgaard, Geological Survey of Denmark and Greenland (GEUS): *Potentials for exploitation of mineral resources in Greenland*

João Labrincha, University of Aveiro: *Recycling and Substitution of Raw Materials – Sustainable and secure trade of raw materials*

15.30-16.00: Coffee break

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16.00-17.00: Session 2

Moderator: Hanne Thomasen, Technical University of Denmark

Britta Thomsen, Member of European Parliament: *Presentation*

Fernando Barriga, University of Lisboa, and Pedro Madureira, Estrutura de Missão para a Extensão da Plataforma Continental (EMEPC):

Exploration and Extraction of Marine Mineral Resources in Europe

Jack Ødegaard, Sintef: *Marine mining*

Michael Havbro Faber Nielsen, Technical University of Denmark, for Benny Raahauge, FLSmidt:

Production of Primary Aluminium in Greenland using Green Energy – A sustainable project in the Arctic Region

17.00-17.30: Session 3 – Fostering a network to tackle EU raw materials challenges?

Michael Havbro Faber Nielsen Technical University of Denmark: *Examples from Denmark, Greenland, Iceland and Norway*

Carlos Neto, University of Aveiro: *Examples from Portugal*

17.30-18.30: Q&A session

Moderator: Luis Martins, Eurocolt

18.30-19.30: Reception

Motivation and aim of the seminar

- Europe is in need of stable and secure access to critical raw materials

Physical market raw materials independence

- New frontiers raw materials from the offshore and arctic regions bear tremendous potential for economic growth and competitiveness in Europe

New industrial sectors forster growth

- Sustainable and efficient exploitation of raw materials in extreme, socially and and environmentally sensitive environments call for a high capacity for innovation, clean- and green-tech solutions

Using sustainability as a driver for innovation

- New frontier raw materials must be included in any actions taken towards securing stable access to raw materials for Europe

Aims

- Present the potentials in holistic and integral value chain approaches with focus on the necessity to include new frontier raw materials from extreme and sensitive environments into the future of the European raw materials strategy
- Bring together and engage partners with strong incentives, common interests and complementary expertise to contribute to the sustainable exploitation of raw materials in Europe
- Provide a platform to carry the initiative forward in the form of projects under EU programs such as KIC, Horizon 2020 and EIP