

Round tables - Questions for the peer review process

Sala Museu da Imprensa, Edifício Casino, Praça do Município, Fundão, Portugal

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EDUCATION AND SOCIAL ACCEPTANCE OF MINERAL RESOURCES EXPLORATION AND MINING

- I. How to increase awareness through educational subjects from an early stage in different learning contexts, i.e., primary and secondary education?
- II. What can be the role of mining heritage in the transmission of knowledge between generations?
- III. How to increase public awareness and social acceptance?
- IV. How to engage regional and local communities in new mining projects?

CIRCULAR ECONOMY

- I. The recycling potential for metals exists but it is low. What are the bottlenecks? What is the importance of knowledge concerning the recovery and recycling of materials to increase resources availability? New sorting technologies? New technical solutions for reuse?
- II. How could we improve primary, secondary and tertiary resources compatibility? Waste framework legislation? Cascading use?
- III. To what extent does circular economy trigger new business models opportunities?



INOVATION AND TECHNOLOGY IN MINING AND VALUE CHAIN

- I. How important is the creation of mineral resources value chains in existing and in future projects? What are the constraints?
- II. Energy and Eco Efficiency – how do companies face the paradigm shift from a carbon-dependent society? And on efficient water management?
- III. Partnerships between companies and R&D institutions and universities to develop pilot projects – how to boost?
- IV. How could innovation and technology influence the nowadays mining exploitation paradigms?

THE IMPORTANCE OF GEOLOGICAL KNOWLEDGE

- I. In what way can new technologies – geological, geophysical, geochemical – be useful to find mineral deposits at greater depths?
- II. Are public policies important to increase knowledge in mineral resources?
- III. How important is data supply related to exploration, research and exploitation of previous mining projects to interested entities?