



Session 5

09:30 – 11:00 / 18 October 2023 [Conference Hall](#)

NET ZERO MINING AND ENERGY TRANSITION AGENDA

The EU has recently unveiled its Net-Zero Industry Act and Critical Raw Materials Act as part of its Green Deal Industrial Plan, aimed at ensuring that the EU can compete with the US and China in making clean tech products and accessing raw materials. In line with this, the EU has set a target of producing at least 40% of the products it needs for "net-zero" technologies, such as solar power or fuel cells, by 2030. About €23 trillion of this investment would come from redirecting investments that would otherwise have funded carbon-intensive technologies. This amounts to roughly 25% of the annual GDP of the EU. The Mining and Metals industry would need to take decisive action to achieve the EU's climate goals, and stakeholders would need to address several hurdles to accelerate the transition. To meet climate targets, the industry must develop and commercialise new low-CO2 technologies within the next 5-10 years.

- The role of the mining industry in achieving global net-zero emissions by 2050 and how to ensure its success in the energy transition.
- Challenges faced by the mining industry in achieving net-zero emissions and how to address them
- Strategies for increasing investment in clean technologies and decarbonising the mining sector
- Carbon reduction planning and how this is in the process of being linked to International Reporting codes (e.g. JORC etc) required in the future for Resource and Reserve statements.
- Opportunities for innovation in the mining industry to support the energy transition agenda
- Case studies of successful net-zero initiatives and their potential application to the mining industry

Moderator



David Pearce

Principal Mining Engineer
SRK Consulting (UK)

Speakers:

09:30 Legal challenges and opportunities in the green energy transition



Bernhard Maier

Counsel
Signature

09:40 - Green Financing in JSW - the Sustainability Linked Loan (SSL) formula



Robert Ostrowski

Chief Financial Officer
JSW

09:55 - How to eat the net-zero elephant? One bite at a time



David Pearce

Principal Mining Engineer
SRK Consulting (UK)

10:05 - Coal mining as a multi-purpose platform serving the needs of the emerging clean energy economies



Michal Drabik  online

Chief of Section, Economic Affairs

United Nations Economic Commission for Europe

10:15 - Coal mining as a multi-purpose platform serving the needs of the emerging clean energy economies



Raymond Pilcher  online

Chair of the Group of Experts on Coal Mine Methane and Just Transition

United Nations Economic Commission for Europe

10:30 - Underground mining technologies for a greener future



Jonny Witter

Principal Consultant

MTS

Panellist



Mark Burnett

Interim Europe Regional Director

The Extractive Industries Transparency Initiative (EITI)
