

26-27 April 2022

Energy Transition Discussion Meeting:

What does geoscience need to do now for a sustainable transition to net zero?

Hybrid Conference



The Geological Society Burlington House London
Register (in person/FREE online) www.geolsoc-energytransition.com/

Provisional programme



PENSANA Plc

Tuesday 26th

09.30 Welcome – Nick Gardiner *St Andrews University*
09.45 GSL's role – Megan O'Donnell, *Communications & Policy Officer Geological Society of London*
10.00 "The Need for Geological Net Zero" - Myles Allen *Oxford Martin School, University of Oxford*

11.00-13.00 **Mining & metals for the low-C economy**
CHAIR: Dan Smith *Leicester University*
Keynote – Froydis Cameron-Johansson *Group Head Intl Govt & Sustainability Relations, Anglo American*
Mike Armitage
Simon Gardner-Bond *CTO TechMet*
Georgie Hallett *Chief Sustainability Officer LME*
Julian Kettle *Vice Chair Metals & Mining Wood McKenzie*

14.15-15.40 **Responsible Resource Stewardship**
CHAIR: Dan Smith *Leicester University*
Karen Hanghøj *Executive Director BGS*
Richard Herrington *Natural History Museum*
Cathryn MacCallum *Sazani*

16.15-17.00 **Discussion: What does Geoscience need to do to enable a just transition?**
CHAIR: TBC
Kathryn Moore *Senior Lecturer in Green and Technology Metals Camborne School of Mines*
Tavis Potts *Personal Chair in Sustainable Development Aberdeen University*
Benjamin Sovacool *Professor of Energy Policy University of Sussex*

17.15 **Networking event**, Burlington House Library

Wednesday 27th

09.15-10.30 **Energy Systems: Decarbonisation & Waste**
CHAIR: Gareth Johnson *Strathclyde University*
Anita Parbhakar-Fox *Sustainable Minerals Institute University of Queensland*
Roy Payne *Executive Director GDF Watch*
Nem Vaughan *Professor in Climate Change UEA*

11.00-12.15 **Energy Systems: Powering the Transition**
CHAIR: Stuart Haszeldine *Edinburgh University*
Charlotte Adams *Principal Manager Mine Water Heat Coal Authority*
Philip Ringrose *Adjunct Professor in CO2 storage NUST*
Gemma Sherwood *Senior Geologist EDF Energy*

13.15-14.30 **Discussion: What sort of Geoscience Skills are needed to enable net zero?**
Keynote: Natasha Dowey *Sheffield Hallam University*
Ruth Allington (incoming GSL president)
Jo Alexander *BP*
Natasha Dowey
Ben Lepley *SRK Consulting*

15.25 **Panel Discussion: What does Geoscience need to do now for a sustainable transition to net zero?**
CHAIR: Nick Gardiner/Sarah Gordon
Paul Monks *Chief Scientific Adviser BEIS*
Jo Alexander *BP*
Michelle Bentham *Chief Scientist Decarbonisation BGS*
Rose Clarke *Satarla*
Karen Hanghøj *Executive Director BGS*

16.00 **Closing Remarks**: Ruth Allington



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