

Energy Transition Discussion Meeting



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26 & 27 April 2022

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





PROGRAMME – Day 1 Tuesday 26 April

- 09.00 Registration & Breakfast
- 09.30 Welcome & Intro: Nicholas Gardiner, St Andrews
- 09.45 GSL's role Megan O'Donnell, Communications & Policy Officer, Geological Society
- 10.00 Keynote "The Need for Geological Net Zero" Myles Allen, Professor of Geoscience Systems, University of Oxford
- 10.30 Break

11.00- 13.00 SESSION 1 Mining & metals for the low-C economy 12 min talks followed by roundtable

CHAIR: Dan Smith, Leicester University

Keynote – Floyds Cameron-Johansson Group Head Intl

Govt & Sustainability Relations, Anglo American

Mike Armitage

- o Simon Gardner-Bond, Chief Technical Officer, TechMet
- o Georgie Hallett, Chief Sustainability Officer, London Metal Exchange
- o Julian Kettle, Vice Chair Metals and Mining, Wood McKenzie

PROGRAMME – Day 1 Tuesday 26 April

13.00 Lunch Break

14.15-15.40 SESSION 2 Responsible Resource Stewardship 12 min talks followed by roundtable

CHAIR: Dan Smith, Leicester

- o Karen Hanghøj Executive Director BGS
- o Richard Herrington Natural History Museum
- o Cathryn MacCallum Sazani

16.15-17.00 SESSION 3 Discussion: What does Geoscience need to do to enable a just transition?

CHAIR: tbc

- o Kathryn Moore Senior Lecturer in Green and Technology, Metals Camborne School of Mines
- o Tavis Potts Personal Chair in Sustainable Development, Aberdeen University
- o Benjamin Sovacool Professor of Energy Policy University of Sussex

17.15 Networking event Burlington House Library

PROGRAMME – Day 2 Wednesday 27 April

09.15-10.30 SESSION 4 Energy Systems: Decarbonisation & Waste 12 min talks followed by roundtable

CHAIR: Gareth Johnson, Strathclyde

- o Anita Parbhakar-Fox, Sustainable Minerals Institute, University of Queensland (online)
- o Roy Payne, Executive Director, GDF Watch
- o Nem Vaughan, Associate Professor in Climate Change, University of East Anglia

11.00-12.15 SESSION 5 Energy Systems: Powering the Transition 12 min talks followed by roundtable

CHAIR: Stuart Haszeldine, Edinburgh University

- o Charlotte Adams, Principal Manager Mine Water Heat, Coal Authority
- o Philip Ringrose, Adjunct Professor in CO2 storage, NUST, Trondheim
- o Gemma Sherwood, Senior Geologist, EDF Energy (online)

PROGRAMME - Day 2 Wednesday 27 April

13.15- 14.30 SESSION 6 What sort of Geoscience Skills are needed to enable net zero?

- 13.15 Keynote: Natasha Dowey, Lecturer, Sheffield Hallam University (online)
- o Ruth Allington, Geological Society (incoming GSL president)
- o Jo Alexander, BP
- o Natasha Dowey
- o Ben Lepley, SRK Consulting

15:25 SESSION 7 - Panel Discussion: What does Geoscience need to do now for a sustainable transition to net zero?

- CHAIR: Nick Gardiner/Sarah Gordon
- o Paul Monks, Chief Scientific Adviser, BEIS
- o Jo Alexander, BP
- o Michelle Bentham, Chief Scientist for Decarbonisation and Resource Management, BGS
- o Rose Clarke, Satarla
- o Jo Alexander, BP

16.00 Closing Remarks: Ruth Allington (incoming GSL president)

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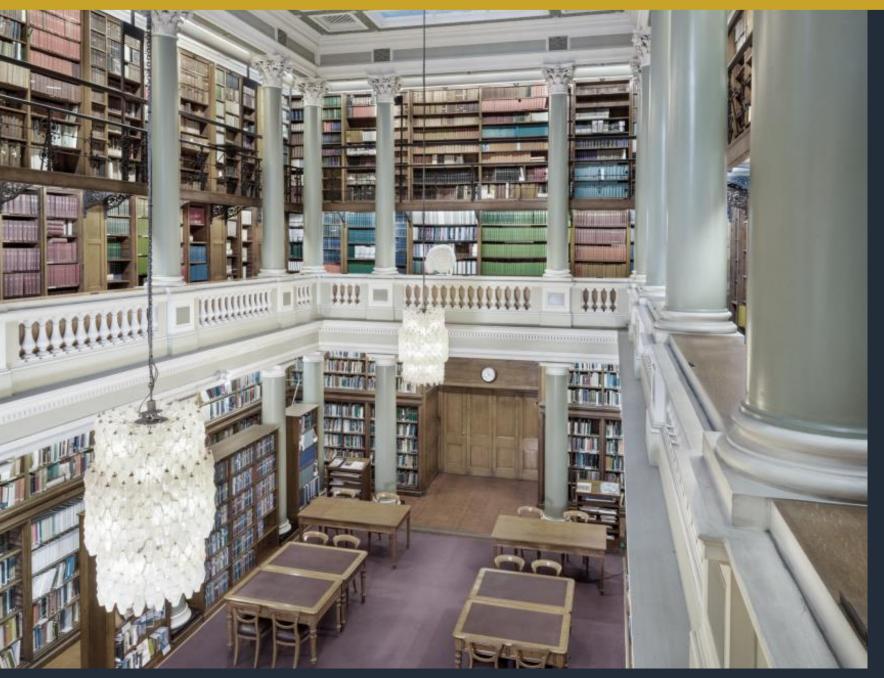
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