



Energy Transition Discussion Meeting

26 & 27 April 2022

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



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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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