

Host:



UNIVERSITY OF
BIRMINGHAM

Ambassadors' Day: Corporate Net Zero

19 October 2023 | Birmingham Centre for Strategic Elements and Critical Materials, University of Birmingham

<https://ambassadorsday.org>

08.30 – 09.00 *Registration and Morning Refreshments*

09:00 Opening/ Organiser and Host Welcome

09:10 **Why are Materials Critical to the Net Zero transition by Dr Gavin Harper**

09:25 **Rare Earth Permanent Magnets: From Off-Shore Wind to Electric Motors, Driving the Electric Revolution by Prof. Allan Walton**

09:40 **What does it take to deliver Zero Emissions Personal Transport by Prof. Paul Anderson**

09:55 **Solving the Criticality Challenge through alternative Future Battery Chemistries by Prof. Emma Kendrick**

10:10 **Market Failure: Policy and Legislation Challenges by Prof. Aleks Cavoski**

10:30 **BCSECM Tour: Magnet Recycling Pilot, Battery Safety Chamber and associated facilities (participants are split in multiple groups for tours to different locations with fixed speakers at each facility)**

11.30 - 11.50 *Networking refreshment break (20 mins)*

11.50 - 12.50 **Audience with Partner 1: Presentation with Q&As – Corporate Net Zero Journey**

12.50 - 13.30 **Panel Discussion: From targets to actual action. The journey in between targets**

- Upscaling top management/C-suite for complex decision making and trade-offs around Net Zero actions
- Taking a holistic view of Net Zero in the wider context of the UN SDGs
The real risk is that all resources get directed to Net Zero, without considering the impact of some 'solutions' that may undermine efforts to achieve other sustainable development goals.
- Net Zero targets, data, challenges, successes
- A relative calculation that would help prioritise goal setting
- Barriers to achieving Net Zero
- Achieving results quickly at scale
- Employee engagement
- Embodied carbon emissions reduction
- How can business engage with policymakers in the most effective way to drive faster change on climate issues?

13.30 - 14.20 *Networking Lunch (50 mins)*

14.20 - 14.40 Keynote Address

14.40 – 15.00 Headline Sponsor Presentation

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15.00 - 16.00 **Audience with Partner 2: Presentation with Q&As – Corporate Net Zero Journey**

16.00 - 16.40 **Panel Discussion: Accelerating action on Scope 3 emissions**

- Building Net Zero supply chain
- Supplier engagement, progress, innovation
- Effective ways of quantifying risks in your supply chain
- Sustainable procurement and its role in reduction of scope 3 emissions
- Collaborating with competitors on Net Zero transition: defining the scope, creating supply chain, ensuring adequate supply and demand of greener products and services and ensuring fair standards
- Achieving results quickly at scale

16.40 - 17.00 *Networking refreshment break (20 mins)*

17.00 End of Day