

**Westminster Energy, Environment & Transport Forum policy conference
Innovation in the UK natural gas sector - developing a whole-system approach, deploying
alternative sources, and the sector's role in meeting net-zero emissions by 2050**

Timing: Morning, Thursday, April 30th 2020

Agenda subject to change

8.30 - 9.00 Registration

9.00 - 9.05 **Chair's opening remarks**

Dr Philippa Parmiter, Project Manager, Scottish Carbon Capture & Storage

9.05 - 9.25 **The role of natural gas for the net-zero 2050 transition - innovating gas use, repurposing by-products, and setting pathways**

Dr David Joffe, Head of Carbon Budgets, Committee on Climate Change

Questions and comments from the floor

9.25 - 9.30 Break

Taking a whole-systems approach to gas decarbonisation - engaging stakeholders and innovating the energy system

9.30 - 9.40 *Next steps for managing oil and gas assets - infrastructure repurposing, decarbonisation, and new storage opportunities*

Martyn Tulloch, Manager, Net Zero Solution Centre, The Oil and Gas Technology Centre

9.40 - 9.50 *The future of low-carbon gas power generation in the UK - flexibility, peaking plants, and reliable supplies of power*

Roger Wells, Head of Future Technology, Siemens

9.50 - 10.00 *Ensuring gas transmission is fit for net-zero - improving efficiency, interconnection, and the integration of low-carbon gases*

Antony Green, Project Director, Hydrogen Transportation, National Grid

10.00 - 10.10 *Designing a policy framework for gas in the energy transition, and setting guidance for industry*

Simon Tilling, Partner, Environment & Energy, Burges Salmon

10.10 - 10.20 *Reducing emissions from heat supply, integrating alternative fuels, and innovating heat technology*

Dr Jenifer Baxter, Head of Engineering, Institution of Mechanical Engineers

10.20 - 10.40 Questions and comments from the floor

10.40 - 10.45 **Chair's closing remarks**

Dr Philippa Parmiter, Project Manager, Scottish Carbon Capture & Storage

10.45 - 10.55 Break

10.55 - 11.00 **Chair's opening remarks**

Dr Jenifer Baxter, Head of Engineering, Institution of Mechanical Engineers

11.00 - 11.10 **Reducing emissions from energy-intensive uses, and expanding carbon capture and storage capabilities and the hydrogen economy**

Dr Philippa Parmiter, Project Manager, Scottish Carbon Capture & Storage

11.10 - 11.20 **Priorities for developing national and local low-carbon gas grids, blending fuels, and preparing networks for hydrogen**

Dr Thom Koller, Programme Lead, Gas Goes Green, Energy Networks Association

11.20 - 11.30 Questions and comments from the floor

11.30 - 11.35 Break

Alternative fuel and gas sources, new business cases for gas technologies, and creating the infrastructure for utilisation

11.35 - 11.45 *Anaerobic digestion and expanding alternative low-carbon gas - growing production facilities, waste and resource use, and the biogas industry*

Rebecca Thompson, Senior Policy Manager, Anaerobic Digestion and Bioresources Association

11.45 - 11.55 *Case study - reducing emissions with gas alternatives for heavy goods vehicles, and best practice for rolling out refuelling infrastructure*

Rob Wood, Chief Executive Officer, Gasrec

11.55 - 12.05 *Investing in low-carbon gas technology and infrastructure, and overcoming challenges for commercialisation*

Guy Ranawake, Investment Director, Ingenious Group

12.05 - 12.20 Questions and comments from the floor

12.20 - 12.25 Break

12.25 - 12.55 **Policy priorities for gas decarbonisation, meeting net-zero by 2050, and further innovating technology and infrastructure**

Dr Tanja Groth, Head of Urban Energy, SWECO

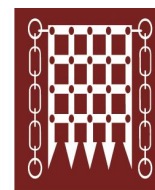
Emrah Durusut, Associate Director, Element Energy

Questions and comments from the floor

12.55 - 13.00 **Chair's and Westminster Energy, Environment & Transport Forum closing remarks**

Dr Jenifer Baxter, Head of Engineering, Institution of Mechanical Engineers

Jack Longman, Senior Researcher, Westminster Energy, Environment & Transport Forum



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