

**Westminster Energy, Environment & Transport Forum Keynote Seminar**  
**Carbon Capture and Storage: demonstration programmes and the pathway to 2050**

Timing: Morning, Tuesday, 7<sup>th</sup> February 2012

Venue: Wellcome Trust Lecture Hall, Royal Society, 6-9 Carlton House Terrace, London SW1Y 5AG



**WESTMINSTER ENERGY  
ENVIRONMENT &  
TRANSPORT FORUM**

Agenda subject to change

8.30 - 9.00 Registration and coffee

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

**Christopher Pincher MP**, Member, Energy and Climate Change Select Committee

9.05 - 9.30 **CCS and its future role in the UK's energy mix**

*The Government has stated that it remains committed to the development and commercial deployment of CCS technology. In the context of the wider energy mix, is CCS still regarded as a priority for UK policy? How does UK CCS policy compare with other leading CCS countries?*

**Professor Jon Gibbins**, Professor of Power Plant Engineering and Carbon Capture, Institute for Materials and Processes, School of Engineering, University of Edinburgh

Questions and comments from the floor

9.30 - 10.25 **The continued challenges for CCS growth in the UK, lessons learnt from the first demonstration competition and paving the way for future demonstrations**

*What lessons can be learnt from the application, assessment and overall selection processes that were involved in the first demonstration competition? How accessible and streamlined is the current UK CCS consenting regime? How helpful to future applicants are the consenting reports for UK Round 1 Demonstration Projects? What mechanisms have and are being put in place to allow the knowledge gained from the Front End Engineering and Design Studies to be shared for the benefit of future CCS development more widely? What are the practical and technical challenges that still need to be overcome in order for CCS to fulfill its potential and become a fully operational technology? What should the objectives and deliverables be for future demonstrations? How should the issues of regulation and the cross-border transport and storage of CO<sub>2</sub> be accounted for in the design of future demonstrations? Should CCS for a gas-fired station be included as part of future demonstrations?*

**Dr Prem Mahi**, Group Practice Manager - Power, Mott MacDonald

**Timothy Pugh**, Joint Head of Planning and Environment, Berwin Leighton Paisner

**Chris Littlecott**, Senior Policy Adviser, Green Alliance

**Lynn Hunter**, Senior Consultant, TUV NEL

**Adam Baddeley**, Principal Consultant, Eunomia Research and Consulting

Questions and comments from the floor

10.25 - 10.55 **Case Study: The Rotterdam Capture and Storage Demonstration project (ROAD)**

*Progress and next steps for the Dutch ROAD project. What can future UK CCS demonstrations and the industry more widely learn from this particular programme?*

**Dr Ivo Thonon**, Project Manager, The Rotterdam Capture and Storage Demonstration Project (ROAD)

Questions and comments from the floor

10.55 - 11.00 **Chairman's closing remarks**

**Christopher Pincher MP**, Member, Energy and Climate Change Select Committee

11.00 - 11.30 Coffee

11.30 - 11.35 **Chairman's opening remarks**

**Dr Alan Whitehead MP**, Member, Energy and Climate Change Select Committee

11.35 - 12.25 **Investment in the CCS market: moving towards commercial deployment**

*Is the Government taking a risk by continuing to invest in a first-of-a-kind technology when it could be subject to higher costs and greater technical uncertainties, compared with other lower carbon technologies? With uncertainty over the shape of energy markets and current economic circumstances, what financial support mechanisms should be put in place to ensure that CCS is not hindered by a lack of either public or private funding? With the Emissions Performance Standard effectively banning the future construction of coal-based power plants without incorporating CCS technology, will the nascent CCS industry be able to deliver its technologies on a commercial scale in time to meet this growing demand? What approach should be taken to boost a wider understanding of this technology for potential investors and the public?*

**Dr Mike Farley**, Chair, Strategy Task Force, Carbon Capture & Storage Association

**Dimitrios Koufos**, Principal Engineer, Energy Efficiency and Climate Change, European Bank for Reconstruction and Development

**Bill Spence**, Strategic Issues Manager, Upstream International, Shell

**Dr Harsh Pershad**, Senior Consultant, Element Energy

Questions and comments from the floor

12.25 - 12.55 **The long-term CCS strategy: the view from the Department of Energy and Climate Change**

**Adam Dawson**, Chief Executive, Office of Carbon Capture & Storage, Department of Energy and Climate Change

Questions and comments from the floor

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

**Dr Alan Whitehead MP**, Member, Energy and Climate Change Select Committee

**Ben Goodwin**, Senior Producer, Westminster Energy, Environment & Transport Forum