

The next steps for carbon capture, usage and storage policy in the UK investment, government support and sector confidence 12th February 2019

CONDITIONS FOR USE OF TRANSCRIPTS:

This document is intended to provide a timely reference for interested parties who are unable to attend the event to which it refers. Some portions are based on transcripts of proceedings and others consist of text submitted by speakers or authors, and are clearly marked as such. As such, <u>apart from where it is indicated that the text was supplied by the speaker</u>, it has not been possible for the transcript to be checked by speakers and so this portion of the document does not represent a formal record of proceedings. Despite best endeavours by Westminster Forum Projects and its suppliers to ensure accuracy, text based on transcription may contain errors which could alter the intended meaning of any portion of the reported content. Anyone who intends to publicly use or refer to any text based on the transcript should make clear that speakers have not had the opportunity for any corrections, or check first with the speaker in question. If in doubt please contact the forum first.

Westminster Energy, Environment & Transport Forum Keynote Seminar:

The next steps for carbon capture, usage and storage policy in the UK - investment, government support and sector confidence12 February 2019

Contents

About this Publication	3
Agenda	4
Session Chair's opening remarks	
Matthew Rooney, Engineering Policy Adviser, Institution of Mechanical Engineers (transcript)	6
Priorities for the rollout of carbon capture, usage and storage (CCUS) technologies	
Dr Luke Warren, Chief Executive, Carbon Capture and Storage Association (transcript)	7
Questions and comments from the floor (transcript)	11
CCUS in the context of the UK's climate change agenda and emission reduction obligations	
Mike Hemsley, Senior Power Analyst, Committee on Climate Change (transcript)	14
CCUS technologies - the cost-benefit analysis	
Katie Black, Director of Policy, National Infrastructure Commission (transcript)	17
Questions and comments from the floor (transcript)	20
Future regulatory challenges for CCUS	
Charlotte Morgan, Partner, Linklaters (transcript)	28
Key issues to getting future projects off the ground: funding, planning and uncertainty	
Professor Chris Rayner, University of Leeds and Director, C-Capture (transcript)	31
Questions and comments from the floor (transcript)	36
Session Chair's closing remarks	
Matthew Rooney, Engineering Policy Adviser, Institution of Mechanical Engineers (transcript)	39
Session Chair's opening remarks	
Mike Hemsley, Senior Power Analyst, Committee on Climate Change (transcript)	40
Making CCUS a reality: capitalising on the research base, assessing demand and securing investment	
Matthew Rooney, Engineering Policy Adviser, Institution of Mechanical Engineers (transcript)	41
Allan Baker, Head of Power Advisory & Project Finance, Societe Generale (transcript)	43
Mark Lewis, Technology & Innovation Manager, Tees Valley Combined Authority (transcript)	45
Questions and comments from the floor (transcript)	47
Prospects for international collaboration	
Michael Padua, Director, Alberta United Kingdom Office, High Commission of Canada (transcript)	56
Questions and comments from the floor (transcript)	59
The next steps for CCUS policy in the UK	
Will Lochhead, Head of CCUS Policy Team, Department for Business, Energy and Industrial Strategy (transcript)	61
Questions and comments from the floor (transcript)	65
Session Chair's and Westminster Energy, Environment & Transport Forum closing remarks	
Mike Hemsley, Senior Power Analyst, Committee on Climate Change (transcript)	68
Tom Wright, Senior Researcher, Westminster Energy, Environment & Transport Forum (transcript)	69
List of Delegates Registered for Seminar	70
Contributor Biographies	75
About the Core Sponsors of the Westminster Energy, Environment & Transport Forum	78

Please be advised that speakers' PowerPoint presentations are included within the transcript itself, just beneath the relevant speaker's text. Please note that not all speakers are able to grant permission for us to include their slides.

About this Publication

This publication reflects proceedings at the Westminster Energy, Environment & Transport Forum Keynote Seminar: The next steps for carbon capture, usage and storage policy in the UK - investment, government support and sector confidence held on 12th February 2019. The views expressed in the articles are those of the named authors, not those of the Forum or the sponsors, apart from their own articles.

Although Westminster Energy, Environment & Transport Forum is grateful to all sponsors for the funding on which we depend, participation in events and publications is never conditional on being a sponsor. As well as funding ongoing operations, sponsorship enables the Forum to distribute complimentary copies of publications, and offer complimentary tickets for events, to Government ministers, parliamentarians and officials most involved in policy.

This publication is copyright. Its copying, in whole or in part, is not permitted without the prior written consent of the publishers. However, extracts of the text may be reproduced for academic or review purposes, subject to the conditions of use outlined in the previous page, providing they are accurate, are not used in a misleading context and the author, their organisation and the Westminster Energy, Environment & Transport Forum are acknowledged. We would also appreciate being informed.

Westminster Energy, Environment & Transport Forum

UK Headquarters 4 Bracknell Beeches Old Bracknell Lane West Bracknell Berkshire RG12 7BW

T: 01344 864796 F: 01344 420121 publications@westminsterforumprojects.co.uk

Directors

Peter van Gelder Chris Whitehouse