

# Priorities for the National Adaptation Programme and addressing climate change 10<sup>th</sup> October 2017

## **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, apart from where it is indicated that the text was supplied by the speaker, 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.

# **Contents**

About this Publication	3
<u>Agenda</u>	4
Session Chair's opening remarks  Rt Hon the Lord Whitty, former Parliamentary Under-Secretary, Department for Environment,  Food and Rural Affairs (transcript)	6
The current state of Climate Adaptation and prospects for the 2018 National Adaptation Programme  Baroness Brown of Cambridge, Chair, Adaptation Sub-Committee, Committee on Climate Change (transcript)  Questions and comments from the floor (transcript)	7 10
'Thriving through a changing climate: risks and opportunities' Liz Parkes, Deputy Director, Climate Change and Business Services, Environment Agency (transcript)	16
Responding to climate change and the next steps for adaptation	
<u>Creating a more resilient water supply: planning, cooperation and sector reforms</u> Simon Hughes, Head of Water Strategy, Planning and Assurance, Thames Water (transcript)	19
<u>Securing food supplies, managing invasive species and protecting agricultural environments</u> Richard Bramley, North East Representative, National Environment Forum, NFU (transcript)	21
Protecting the natural environment and natural capital within climate plans  Dr Mike Morecroft, Principal Specialist, Climate Change, Natural England (transcript)	23
Questions and comments from the floor with <b>Liz Parkes</b> , Deputy Director, Climate Change and Business Services, Environment Agency ( <i>transcript</i> )	25
Addressing climate risks in Scotland: research, collaboration and improving resilience	
Anna Beswick, Programme Manager, Adaptation Scotland (transcript) Questions and comments from the floor (transcript)	30 33
<u>Session Chair's closing remarks</u> <b>Rt Hon the Lord Whitty</b> , former Parliamentary Under-Secretary, Department for Environment,  Food and Rural Affairs ( <i>transcript</i> )	35
<u>Session Chair's opening remarks</u> Baroness Brown of Cambridge, Chair, Adaptation Sub-Committee, Committee on Climate Change (transcript)	36
The economic impact of climate change and the outlook for financing adaptation	
Michael Sheren, Senior Advisor, Prudential Regulation Authority (transcript)	37
Adapting to climate change and improving resilience in the UK  David Stainforth, Associate Professorial Research Fellow, Grantham Research Institute, London School of Economics and Political Science (text submitted by speaker)	40
<b>Dr Thomas Waite</b> , Consultant, Public Health Medicine, Extreme Events and Health Protection, Public Health England (transcript)	42
Dr Stephen Garvin, Director, Centre for Resilience, BRE (transcript)	44
Emma Fryer, Associate Director, Climate Change Programmes, techUK (transcript)	46
<b>Dr Jonathan Simm</b> , Chief Technical Director for Resilience, HR Wallingford (transcript)  Questions and comments from the floor with <b>Michael Sheren</b> , Senior Advisor,  Prudential Regulation Authority (transcript)	48 50
	30
<u>Policy priorities for Climate Change Adaptation</u> <b>Dr Fiona Harrison</b> , Deputy Director, Climate, Noise, Data & Analysis, Defra (transcript)  Questions and comments from the floor (transcript)	57 60
Session Chair's and Westminster Energy, Environment & Transport Forum closing remarks  Paraness Prove of Cambridge, Chair Adoptation Sub Committee Committee on Climate Change (transcript)	65
Baroness Brown of Cambridge, Chair, Adaptation Sub-Committee, Committee on Climate Change (transcript)  Andrew Best, Forum Lead, Westminster Energy, Environment & Transport Forum (transcript)	65 66
Comments	67
List of Delegates Registered for Seminar	69
Contributor Biographies	75
<del> </del>	
About the Core Sponsors of the Westminster Energy, Environment & Transport Forum  Please be advised that speakers' PowerPoint presentations are included within the transcript itself, just beneath the relevant speaker's text. Pleas that not all speakers are able to grant permission for us to include their slides.	<b>78</b> se note

# **About this Publication**

This publication reflects proceedings at the Westminster Energy, Environment & Transport Forum Keynote Seminar: Priorities for the National Adaptation Programme and addressing climate change held on 10<sup>th</sup> October 2017. 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