



**WESTMINSTER ENERGY  
ENVIRONMENT &  
TRANSPORT FORUM**

# **Biofuels**

## **21<sup>st</sup> July 2010**

### **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

<b>About this Publication</b>	<b>3</b>
<b>Agenda</b>	<b>4</b>
<b><u>Westminster Energy, Environment &amp; Transport Forum and Session Chair's opening remarks</u></b>	
<b>Michael Ryan</b> , Senior Producer, Westminster Energy, Environment & Transport Forum ( <i>transcript</i> )	<b>5</b>
<b>Lord Oxburgh</b> , Chairman, Falck Renewables ( <i>transcript</i> )	<b>6</b>
<b><u>Biofuels: 21<sup>st</sup> century progress</u></b>	
<b>Dr Jeremy Woods</b> , Lecturer in Bioenergy, Imperial College London ( <i>transcript</i> )	<b>7</b>
Questions and comments from the floor ( <i>transcript</i> )	<b>12</b>
<b><u>Biofuels under pressure: the alternative options for cleaner fuels and energy security</u></b>	
<b>Dr Constantinos Kerigan-Kyrou</b> , Research Associate, Dartmouth Strategic Studies Group, University of Plymouth ( <i>transcript</i> )	<b>14</b>
<b>Dr Douglas Parr</b> , Chief Scientist, Greenpeace ( <i>transcript</i> )	<b>16</b>
<b>Paul Thompson</b> , Head of Policy, Renewable Energy Association ( <i>transcript</i> )	<b>18</b>
Questions and comments from the floor with <b>Dr Jeremy Woods</b> , Lecturer in Bioenergy, Imperial College London ( <i>transcript</i> )	<b>20</b>
<b><u>Developments in the food versus fuel debate</u></b>	
<b>Richard Stark</b> , Head of Development, British Sugar ( <i>transcript</i> )	<b>26</b>
<b>Ruth Digby</b> , Crops Adviser, National Farmers Union ( <i>transcript</i> )	<b>28</b>
<b>Dominic Dyer</b> , Chief Executive, Crop Protection Association ( <i>transcript</i> )	<b>30</b>
Questions and comments from the floor ( <i>transcript</i> )	<b>32</b>
<b><u>Session Chair's closing remarks</u></b>	
<b>Lord Oxburgh</b> , Chairman, Falck Renewables ( <i>transcript</i> )	<b>39</b>
<b><u>Session Chair's opening remarks</u></b>	
<b>Willie Bain MP</b> , Shadow Minister for Transport ( <i>transcript</i> )	<b>40</b>
<b><u>Innovation and the next generation of biofuels</u></b>	
<b>Ian O'Gara</b> , European Biofuels Lead, Accenture ( <i>transcript</i> )	<b>41</b>
<b>Professor Mark Harvey</b> , Director, Centre for Research in Economic Sociology and Innovation, Department of Sociology, University of Essex ( <i>transcript</i> )	<b>43</b>
<b>Lars Christian Hansen</b> , President, Europe, Novozymes ( <i>transcript</i> )	<b>45</b>
<b>Dr Ausilio Bauen</b> , Director, E4tech ( <i>transcript</i> )	<b>47</b>
Questions and comments from the floor ( <i>transcript</i> )	<b>49</b>
<b><u>The view from the Renewable Fuels Agency</u></b>	
<b>Nick Goodall</b> , Chief Executive Officer, Renewable Fuels Agency ( <i>transcript</i> )	<b>57</b>
Questions and comments from the floor ( <i>transcript</i> )	<b>63</b>
<b><u>Session Chair and Westminster Energy, Environment &amp; Transport Forum closing remarks</u></b>	
<b>Willie Bain MP</b> , Shadow Minister for Transport ( <i>transcript</i> )	<b>64</b>
<b>List of Delegates Registered for Seminar</b>	<b>65</b>
<b>Contributor Biographies</b>	<b>73</b>
<b>About the Core Sponsors of the Westminster Energy, Environment &amp; Transport Forum</b>	<b>76</b>

## About this Publication

This publication reflects proceedings at the Westminster Energy, Environment & Transport Forum Keynote Seminar: Biofuels held on 21<sup>st</sup> July 2010. 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. It's 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**

4 Bracknell Beeches  
Old Bracknell Lane West  
Bracknell,  
Berkshire, RG12 7BW

T: 01344 864796

F: 01344 420121

[publications@westminsterforumprojects.co.uk](mailto:publications@westminsterforumprojects.co.uk)

### **Directors**

Peter van Gelder

Chris Whitehouse