



WESTMINSTER  
HIGHER EDUCATION  
FORUM

# The future for UK science and innovation - funding, commercialisation of research, and priorities for infrastructure investment 28<sup>th</sup> 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, 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><u>About this Publication</u></b>	<b>3</b>
<b><u>Agenda</u></b>	<b>4</b>
<b><u>Chair's opening remarks</u></b>	
<b>The Earl of Selborne</b> ( <i>transcript</i> )	<b>6</b>
<b><u>The Industrial Strategy and investment in UK science and innovation</u></b>	
<b>Mike Biddle</b> , Deputy Executive Chair; Chief Operating Officer and Director, Strategy, Innovate UK ( <i>text to be submitted by speaker</i> )	<b>7</b>
Questions and comments from the floor ( <i>transcript</i> )	<b>8</b>
<b><u>Assessing the balance of research spending and promoting evidence-driven innovation policy</u></b>	
<b>Dr Jos van den Broek</b> , Senior Researcher, Rathenau Instituut, The Hague ( <i>transcript</i> )	<b>11</b>
<b>Jen Rae</b> , Head, UK Innovation Policy, Nesta ( <i>transcript</i> )	<b>14</b>
<b><u>Priorities for science and innovation spending - emerging tech sectors, regional economies and leveraging private R&amp;D investment</u></b>	
<b>Ian Taylor</b> , Chairman, UK Innovation & Science Seed Fund and former Minister, Science, Space & Technology, Department for Trade and Industry (1994-97) ( <i>transcript</i> )	<b>18</b>
<b>Zoe Martin</b> , Policy Manager, Cancer Research UK ( <i>transcript</i> )	<b>20</b>
<b>Professor Richard Brook</b> , President, AIRTO ( <i>transcript</i> )	<b>22</b>
<b>Rachel Castle</b> , Associate Director, Government Affairs, AstraZeneca ( <i>transcript</i> )	<b>24</b>
Questions and comments from the floor with <b>Dr Jos van den Broek</b> , Senior Researcher, Rathenau Instituut, The Hague and <b>Jen Rae</b> , Head, UK Innovation Policy, Nesta ( <i>transcript</i> )	<b>26</b>
<b><u>Best practice in management of intellectual property</u></b>	
<b>Pippa Hall</b> , Director of Innovation and Chief Economist, IPO ( <i>text to be submitted by speaker</i> )	<b>38</b>
Questions and comments from the floor ( <i>transcript</i> )	<b>39</b>
<b><u>Maximising the potential of the Catapult Network</u></b>	
<b>Rosa Wilkinson</b> , Communications Director, High Value Manufacturing Catapult ( <i>transcript</i> )	<b>38</b>
<b>Dr Kerstin Papenfuss</b> , University Liaison Manager, Cell and Gene Therapy Catapult ( <i>transcript</i> )	<b>39</b>
<b><u>Addressing the challenges for commercialisation of research - managing IP, encouraging spin-outs and the licensing of university IP, and making the most of existing infrastructure and the Catapult Centre network</u></b>	
<b>Justyna Ostrowska</b> , Solicitor, IP Transactions and Commercialisation, Fieldfisher ( <i>transcript</i> )	<b>46</b>
<b>Dr Anne Dobrée</b> , Head of Seed Funds, Cambridge Enterprise, University of Cambridge ( <i>transcript</i> )	<b>48</b>
<b>Byron Tucker</b> , Technology Centre Manager, TATA Steel in Europe ( <i>transcript</i> )	<b>49</b>
<b>Mark Truman</b> , Founder and Chief Executive Officer, Arc ( <i>transcript</i> )	<b>51</b>
Questions and comments from the floor with <b>Rosa Wilkinson</b> , Communications Director, High Value Manufacturing Catapult and <b>Dr Kerstin Papenfuss</b> , University Liaison Manager, Cell and Gene Therapy Catapult ( <i>transcript</i> )	<b>53</b>
<b><u>Chair's and Westminster Higher Education Forum closing remarks</u></b>	
<b>The Earl of Selborne</b> ( <i>transcript</i> )	<b>63</b>
<b>Michael Ryan</b> , Deputy Editor, Westminster Higher Education Forum ( <i>transcript</i> )	<b>64</b>
<b><u>Comments</u></b>	
<b>Alice Frost</b> , Director of Knowledge Exchange, Research England	<b>65</b>
<b><u>List of Delegates Registered for Seminar</u></b>	<b>66</b>
<b><u>Contributor Biographies</u></b>	<b>72</b>

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 Higher Education Forum Keynote Seminar: The future for UK science and innovation - funding, commercialisation of research, and priorities for infrastructure investment held on 28<sup>th</sup> 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 Higher Education 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 Higher Education Forum are acknowledged. We would also appreciate being informed.

### **Westminster Higher Education Forum**

UK Headquarters  
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