

Circular Economy Connect Theatre

Time	Tuesday 12 th September	Time	Wednesday 13 th September	Time	Thursday 14 th September
10:10 - 10:15	Chair's Welcome Maxine Perella, Environmental journalist	10:30	Chair's Welcome Professor Rob Holdway, Director, Giraffe Innovation	10:30	Chair's Welcome Professor Rob Holdway, Director, Giraffe
10:15 - 10:45	MINISTERIAL KEYNOTE The Rt Hon Greg Hands MP, Minister of State for Trade & Investment and Minister for London	10:35 - 11:00	KEYNOTE: WRAP's Resource Revolution - creating the future WRAP share the latest updates on their flagship initiatives driving progress towards a circular economy. Including designing circular business models through Project REBus, and campaigns targeting food, textile and electronic waste. Marcus Gover , Chief Executive, WRAP	10:35 - 11:20	PANEL: The future of extended producer responsibility <ul style="list-style-type: none"> • What is the state-of-play for EPR in the UK, and where are the opportunities? • What are the pros and cons of EPR, is it really viable? • What lessons can other material streams learn from the WEEE compliance scheme? • How could product take back support movement up the waste hierarchy? • What can the UK learn in terms of best practice from Europe? Melanie Foster , Team Leader - Producer Responsibility and Product Regulation, Department for Environment Food & Rural Affairs (DEFRA) Jonathan Perry , Producer Responsibility Compliance Consultant, DELL James Piper , Managing Director, ecoSURETY Phil Conran , Director, 360Environmental
10:55 - 11:20	KEYNOTE: Right Waste, Right Place, Right People The Environment Agency shares its vision for waste, where prevention is prioritised and waste management is effectively realigned to benefit communities, environment and the economy. This session will cover: <ul style="list-style-type: none"> • Regulated customers taking greater ownership of their environmental performance 	11:10 - 11:40	Gaining the circular advantage: How can start-ups and SMEs unlock potential within the circular economy? Thanks to their agility and innovation, start-ups and SMEs are well placed to become the leaders in circular business model implementation. This session explores the opportunities and challenges facing entrepreneurs in developing and scaling their circular business propositions.	11:30 - 12:00	<i>Reserved for sponsor</i>

	<ul style="list-style-type: none"> The drive to reduce waste crime and tackle poor performance across the sector Industry engagement to ensure waste is correctly described, treated and managed to safeguard healthy communities and the environment, whilst contributing to economic growth <p>Emma Howard Boyd, Chair, Environment Agency</p>		<p>Louanne Steyn, Senior Business Advisor - Advance London, The London Waste and Recycling Board</p>		
11:30 – 12:00	<p>Mind the gap 2017 -2027</p> <p>UK residual waste infrastructure requirements, 2017-2030</p> <p>David Palmer-Jones, CEO, SUEZ recycling and recovery UK Stuart Hayward-Higham, Technical Development Director, SUEZ recycling and recovery UK Chris Holmes, Head of Waste & Bioenergy, UK Green Investment Bank</p>	11:50 – 12:20	<p>KEYNOTE: Cities - the engine room of the circular economy</p> <p>By 2050, two-thirds of the world’s population is expected to live in cities.</p> <ul style="list-style-type: none"> What does this increasing trend towards urbanisation mean for local resources? LWARB join us to share best practise in circular thinking for the future of sustainable cities <p>Wayne Hubbard, Chief Operating Officer, The London Waste and Recycling Board</p>	12:10 – 12:35	<p>FIRESIDE CHAT: The challenge of driving change in the current political climate</p> <p>To date the UK’s environmental and circular economy policies have been fundamentally shaped by the EU. This session asks:</p> <ul style="list-style-type: none"> What might the costs and impacts of Brexit be for the Circular Economy? How can the waste and resource management community in the UK challenge political inertia and drive forward the resource efficiency agenda? <p>Steve Lee, Environmental Consultant, Steve Lee Resources</p>
12:10 – 12:40	<p>The New Plastics Economy: A Circular Economy for plastic packaging</p> <p>The New Plastics Economy is a vision for a plastics system that works; allowing us to keep the benefits that plastics bring, while achieving better economic and environmental outcomes. To this end, the New Plastics Economy Initiative brings together key stakeholders of the global plastic packaging value chain to rethink and redesign the future of plastics. This session outlines:</p> <ul style="list-style-type: none"> The New Plastics Economy vision and ambitions A systemic approach to transform the plastics system Cross-value chain collaboration as a key driver for the transition 	12:30 – 12:50	<p>One Planet Prosperity: SEPA’s regulatory strategy</p> <p>Businesses and public bodies are being challenged to revolutionise their approach to resource use to deliver a circular low carbon economy. Environmental regulators must also adapt their approach to support this change in emphasis: a traditional approach to environmental regulation will not be enough. SEPA will explain:</p> <ul style="list-style-type: none"> How it is changing its approach to face the challenges of the 21st Century to deliver environmental successes which also bring economic and social benefits Case studies and stories to illustrate how we are changing the way SEPA work as a regulator <p>John Kenny, Head of National Regulatory Service, Scottish Environmental Protection Agency</p>	12:45 – 13:45	<p>Inside Westminster: Views on what the current political climate means for industry</p> <p>At this time of heightened political uncertainty, the All-Party Parliamentary Sustainable Resource Group bring together a panel of parliamentarians to share their invaluable insight, including:</p> <ul style="list-style-type: none"> What the waste and sustainable resource industry can expect to happen in Westminster over the next year An essential guide to understanding forthcoming political developments and what it means for the sustainability sector

	<p>Sonja Wegge, Research Analyst, New Plastics Economy, Ellen MacArthur Foundation</p>				
<p>12:50 - 13:40</p>	<p>PANEL: The deposits debate – are deposit return schemes the solution for packaging EPR?</p> <p>Research shows that since the plastic bag charge voters have warmed to the idea of a deposit return scheme for single use plastic bottles. In this session we hear from stakeholders across retail, waste management and civil service to map the potential for deposit return schemes in the UK:</p> <ul style="list-style-type: none"> • How viable are deposit return schemes in the UK? • What are the business opportunities if deposit schemes are rolled out? • How do deposit return schemes factor into the wider EPR picture? • What are the prospects for a trial scheme in Scotland now that Coca-Cola has come out in favour? • Learnings from global deposit return schemes <p>Helen McFarlane, Environment Consultant, McDonald's Restaurants Ltd Nick Brown, Head of Sustainability, Coca-Cola European Partners Paul Vanston, CEO, Industry Council for Research on Packaging and the Environment (INCPEN) Frances Page Pimenta, Policy Advisor - Producer Responsibility, Department for Environment Food & Rural Affairs (DEFRA)</p>	<p>13:00 - 13:30</p>	<p>Industry 4.0 – where smart technologies and the circular economy meet</p> <p>This session discusses 4 key mega trends in the ever-increasing digitisation of production and manufacturing, and its impact on the resources and waste management sector.</p> <ul style="list-style-type: none"> • Internet of Things • Big data • Asset tracking • Automation and robotics • Wearable technologies • 3D printing <p>Mark Abbas, Chief Marketing Officer, AMCS</p>	<p>13:55 - 14:25</p>	<p>CASE STUDY: Unlocking closed loop potential in the John Lewis supply chain</p> <p>As circular economy concepts become more mainstream and consumer awareness levels rise, the retail sector is increasingly looking for demonstrable closed loops in their supply chains. This session shares best practice to:</p> <ul style="list-style-type: none"> • Identify potential links between waste and procurement strategies • Work with suppliers to unlock innovation potential throughout the supply chain • Apply a closed loop approach to resources management <p>Julie Merry, Waste Manager, John Lewis Ben Thomas, Sustainability Manager, John Lewis Nick Oettinger, Managing Director, The furniture Recycling Group</p>
<p>13:50 - 14:20</p>	<p>CASE STUDY: 'Servitisation' in the spotlight - the business case for leasing models</p> <p>As the millennial generation increasingly places experience and service over ownership, we explore the circular credentials and business case for asset leasing and product subscription models.</p> <p>Jeremy Palmer, Sales Manager – Services, Philips Lighting UK & Ireland</p>	<p>13:40 - 14:25</p>	<p>PANEL: The 4 Nations debate – UK resource landscapes and roadmaps</p> <ul style="list-style-type: none"> • How do we take the circular economy forward in a post-Brexit context? • Will our exit from the EU drive greater harmonisation between the devolved nations? • What can the nations learn from the successes and challenges of each other's waste strategies? • How can we embed circularity and resource efficiency in the Industrial Strategy? 	<p>14:35 - 15:20</p>	<p>PANEL: Commercial opportunities in reuse and remanufacture – lessons from the sharing economy</p> <p>What can we learn from the disruptive impact of sharing economy success stories such as Uber to drive the upper echelons of the waste hierarchy? Examples from across the nation:</p> <ul style="list-style-type: none"> • Utilising apps and social networks to share surplus, facilitate reuse and encourage repair

			<ul style="list-style-type: none"> What positive legislative drivers could be implemented to drive progress? <p>Andy Rees, Head of Waste Strategy, Welsh Government Libby Peake, Senior policy adviser – resources, Green Alliance John Quinn, CEO, Arc21 Senior representative, Zero Waste Scotland</p>		<ul style="list-style-type: none"> Key considerations in scaling up pilot projects Methods for identifying commercial opportunities Lessons learnt in leveraging cross-sector partnerships <p>Nick Davies, Founder, Neighbourly Katie Thomas, Circular Economy Project Officer, Opportunity Peterborough Martin Orme ACA, Director and Co-Founder, GreenRide Sharing Limited Ann Beavis, Marketing and Sustainability Consultant, Premier Sustain</p>
14:30 - 15:00	<p>Putting vision into practice: Insights from business model innovation and the BS 8001 standard</p> <ul style="list-style-type: none"> Why transition your business towards a circular model? How can circular business models create economic, social, and environmental value? What is the BS 8001 standard, and what tools can you use to drive change? <p>Aleyn Smith-Gillespie, Associate Director – Business Services, The Carbon Trust</p>	14:35 - 15:10	<p>CASE STUDY: Innovative solutions to achieve circularity with problematic materials</p> <p>5 x 5 minute mini presentations on new recycling and end-of-life solutions for problematic waste streams:</p> <ul style="list-style-type: none"> Upcycling food waste with fly larvae Dissolving the plastics problem with soluble polymers Recovering high quality MDF fibre Capturing, removing and recycling heavy metal contaminants from waste water. <p>Matt McLaren, Co-Founder, Entomics Dr John Williams, Director, Aquapak Polymers Dr. Amanda You, Chief Scientist, Customem Craig Bartlett, Managing Director, MDF Recovery Ltd Andrew Mayo, Sector Manger, Biomass Fuels, Suez Senior Representative, AO</p>	15:30 - 15:50	
15:10 - 15:55	<p>Leadership debate: Beyond bins – driving industrial demand for high value secondary materials</p> <p>This session looks at opportunities and barriers to up-scaling the UK’s secondary materials market. Our panel of industry leaders will discuss:</p> <ul style="list-style-type: none"> How to generate market pull in the context of cheap 	15:20 - 15:50	<p>CASE STUDY: The end of the end and the art of the beginning - what IDEO is learning about designing in circles</p> <ul style="list-style-type: none"> The nature of design and the role of the designer is changing, but design thinkers are well positioned for the circular economy The need for systems innovators, change makers and new mindsets 		

	<p>virgin materials</p> <ul style="list-style-type: none"> • Embedding circularity in the Industrial Strategy to push waste as an industrial/ chemical feedstock • Harnessing ‘Sustainable Public Procurement’ initiatives • Opportunities for secondary materials use in large scale construction and infrastructure projects • Increased uptake of recycled plastics by big players in the wake of the ‘New Plastics Economy’ <p>David Palmer-Jones, CEO, SUEZ recycling and recovery UK Ian Wakelin, CEO, Biffa Waste Services Prof. Stephen Jenkinson, CEO, Viridor Laing (Greater Manchester) Ltd. Vicki Hughes, Group Business Development Director, Hadfield Wood Recyclers</p>		<ul style="list-style-type: none"> • Examples of exploring the re-use potential of products, components and materials, to create better everyday product experiences <p>Chris Grantham, Circular Economy Portfolio Director, IDEO</p>		
16:05 - 16:50	<p>PANEL: The global outlook – opportunities for circularity in emerging markets</p> <ul style="list-style-type: none"> • Where will the global markets be? • Why is the circular economy such a major opportunity in developing countries? • How can the waste and resource management community in the UK play their role in achieving UN Sustainable Development Goals? • How can the waste management industry work alongside the informal sector to develop impactful initiatives? <p>Prof. David C. Wilson, Waste and Resources Management Consultant, Visiting Professor in Waste Management, Imperial College Mark Dempsey, UK Sustainability Manager, HP Mike Webster, Chief Executive, WasteAid UK Philippa Roberts, Head of Circular Economy, WRc</p>	16:00 - 16:30	<p>The ‘Circular Solutions’ hackathon</p> <p>Hear the product pitches resulting from our first ever on-site ‘hackathon’ in partnership with LWARB.</p> <p>Chair: Stuart Ferguson, Head of Investment, The London Waste and Recycling Board</p>		
		16:40 - 17:00	<p>KEYNOTE: Raising the bar – Adnam’s circular approach to carbon, water and waste in the drinks industry</p> <p>Richard Carter, from the award-winning brewer, hotelier and wine merchant Adnams, shares their journey towards</p>		

			<p>circularity. Their four-pillar approach considers the interrelated concerns of carbon, water, waste and biodiversity; with the company achieving zero to landfill, and seeking to reduce energy and water consumption year on year.</p> <p>Richard Carter, Head of Sustainability and Finance, Adnams PLC</p>		
		<p>17:00 – 18:00</p>	<p>Drinks reception</p>		