

## Sustainable PLFs Annual Summit Agenda 2<sup>nd</sup> October 2024

Royal Society of Chemistry, Burlington House, London, W1J 0BA

Time	Topics and Speaker
9.00	Arrival and Registration
9.30-9.40	<b>Welcome</b> Professor Anju Massey-Brooker, FRSC, Programme Lead Sustainable PLFs
9.40-9.50	<b>Sustainable PLFs 2040 journey to date</b> Dr Annette Doherty, OBE, Fellow of the Royal Society of Chemistry, Honorary Fellow of the British Pharmacological Society, President of the Royal Society of Chemistry
09.50-10.10	<b>Taking a Systems approach to delivering the PLF's Mission</b> Dr Anna Birney, CEO School of Systems Change
<b>PLF Mission: Advance circular economy infrastructure for PLFs by 2030</b>	
10.15-10.40	<b>The economic and environmental benefits of bio-based and biodegradable products and materials</b> Dr Jen Vanderhoven, Chief Operating Officer BBIA
10.40-11.05	<b>Sustainable Carbon Ambition for the UK Chemicals Industry. Research &amp; Innovation Funding enabling the transition to a Green Carbon economy.</b> Dr Peter Clark, Head of Chemistry & Industrial Biotechnology at Innovate UK Business Connect
11.05-11.15	<b>Coffee break</b>
11.20-11.45	<b>Sustainable Chemical Technologies: A Systems Approach (CSCT)</b> Professor Matthew Davidson FRSC University of Bath
11.45-12.10	<b>The Sustainable Chemicals and Materials Manufacturing Hub</b> Professor Charlotte Williams OBE FRS University of Oxford
12.10-12.30	<b>Showcase elevator pitches</b>
12.30-13.20	<b>Lunch, showcase and networking</b>
<b>PLF Mission: Develop and scale biodegradable PLFs by 2030</b>	
13.30-13.55	<b>Sustainable Polymers for a Clean Future EPSRC Prosperity Partnership</b> Dr Amy Goddard, Research & Technology Manager CRODA & Professor Steven Howdle, University of Nottingham
13.55-14.20	<b>Assessing the Biodegradability of Water-Soluble Polymers in standardised Laboratory Methods</b> Professor Andreas Kuenkel Vice-Président, Head of Biobased and Biodegradable polymers, BASF

14.20-14.45	<b>PLF's - Designing for Consumer Trust, Evolving Regulations and Biodegradability Testing Challenges</b> Chris Finnegan, Safety and Sustainability Science Leader, Unilever
	<b>Key Enablers to advance Sustainable PLFs Transition</b>
14.50-15.15	<b>Digital transformation</b> Professor Ashmita Randhawa, Director of R&D, Digital Catapult
15.15-15.40	<b>A multiscale modelling approach on digital twins &amp; product development</b> Dr Lia Argentou, R&D Senior Polymer & Formulation Scientist, Reckitt
15.40-15.50	<b>Coffee with Networking</b>
15.50-16.15	<b>Which digital tools could help enable the transition of PLFs away from fossil reliance?</b> Dr Mark Taylor, Chief Technologist for digital technologies. Centre for Process Innovation Catapult
16.15-16.40	<b>How to enable green transformation by applying the mass balance accounting model</b> Dr Christian Krueger, Head of Global Sustainability and Advocacy, BASF
16.40-17.10	<b>Policy perspectives and opportunities in a shifting landscape</b> chaired by Dr Daniel Korbel, Science Policy Unit Lead RSC
	<b>RSC policy action and the PLFs agenda</b> , Tanya Sheridan, Head of Policy & Evidence, RSC
	<b>Chemicals policy in 2024 and beyond</b> , Evidence, RSC & Duncan Lugton, Head of Policy and Impact, IChemE.
17.10-17.20	<b>Closing remarks and next steps</b> Dr Jo Reynolds, Director Science & Communities RSC
17.20-19.00	<b>Canapes and drinks</b>  <b>Showcase &amp; networking</b>