



Outcomes and Actions – *FINAL*

Meeting: UKRI-BBSRC Bioscience for Advanced Manufacturing and Clean Growth STRATEGY ADVISORY PANEL

Date and Time: 3-5pm 7th December 2022 & 9am-1pm 8th December 2022

Venue: Crowne Plaza London - Kings Cross

1 Kings Cross Rd

London

WC1X 9HX

In-person meeting and Zoom teleconference

Attendance

Panel Members	BBSRC Staff
Dr Reuben Carr – Chair	Colin Miles
Dr Alison Mohr	Jamie Whitford – Secretariat
Dr Jhuma Sadhukhan	Rod Westrop
Dr Amgad Moussa	Jennifer Swarbrick
Professor Dimitris Charalampopoulos	Stephen Webb
Professor Louise Horsfall (Virtual)	Chloe Heywood
	Chrysanthi Michelaki
	Jef Grainger
Stakeholder Representation	Apologies received
Dr Sarah Hosking (Virtual)	Alastair Gibbons
Rebecca Cheesbrough (EPSRC, 8 th Dec only)	Rachel Harris

Agenda – Day One (7th December)

Item [paper]	Start	Description	Duration
	15:00	Welcome and Introductions	5
	15:05	Review of previous meeting minutes	5
	15:10	Director's Update Amanda Collis/ Jef Grainger	15
#1	15:25	Updates on developments directly affecting the AMCG SAP activities <i>Breakdown of updates:</i>	90
		BBSRC Strategic Delivery Plan inputs relevant for AMCG - Colin Miles	20
		Update on Circular Economy call – AMCG Team	10
		Update on Biomanufacturing – Colin Miles	10
		Update on Biopharma activities – Rod Westrop	10
			10

	Update on Bioelectrical Engineering/ BEE – Chrysanthi Michelaki	10
	Update on Greenhouse Gas Removal/ GGR – Jennifer Swarbrick	10
	Update on Prosperity Partnership – Colin Miles	10
	Update on Mission Innovation: Integrated Biorefineries – Colin Miles	
16:55	AoB	5
17:00	BREAK	
19:30	Private dinner	

Agenda – Day Two (8th December)

Item [paper]	Start	Description	Duration
	9:00	Recap on previous day's discussion	15
#2	9:15	Future of the BBSRC NIBBs: Community coordination beyond 2025 Chloe Heywood	60
#3	10:15	Green Hydrogen and the bioeconomy Reuben Carr	75
	11:30	BREAK	15
#4	11:45	Future plans for the AMCG area AMCG Team	60
	12:45	AoB	15
	13:00	Lunch (provided)	

Key outcomes and actions – This section acts as the minutes for uploading to the web page

Item	Outcomes and actions	Owner	Due date/ progress
#1	The panel was updated on recent programmes and activities in the AMCG sector. Panel members shared their thoughts and shared their support for past actions.		
	<i>Action: Jennifer Swarbrick to investigate the gender ratio of applicants to the Circular Bioeconomy funding opportunity</i>	Jennifer Swarbrick	Next SAP meeting
	<i>Action: KPIs for Prosperity Partnership scheme that concern progression from pilot to full scheme to be shared with Reuben Carr.</i>	Alastair Gibbons	ASAP
#2	The success of BBSRC's Networks in Industrial Biotechnology and Bioenergy was shared with the panel. The panel were informed of the programme's history from phase 1 to phase 2, scope and relevance, the impacts achieved, and financial leverages gained, as well as the growth and composition of the network communities. Panel members agreed the BBSRC NIBB were very effective.		
	The future of the BBSRC NIBB was discussed, focussing on future funding models. It was		

	<p>agreed that a phase 3 funded by UKRI/BBSRC was desirable and models for how to achieve this including greater self-funding should be examined.</p> <p>The next SAP meeting will be focussed on the future of the BBSRC NIBB in more detail, and include the Directors, plus guests.</p> <p><i>Action: JW to secure a date for the next SAP meeting and invite BBSRC NIBB Directors plus further guests.</i></p>	<p>Jamie Whitford</p>	<p>ASAP</p>
<p>#3</p>	<p>Reuben Carr informed the panel of the current state of the hydrogen industry and where green hydrogen sits within this presently. He provided technical insight and shared the broader impacts in achieving Net Zero.</p> <p>The green hydrogen industry was discussed in depth. Technical aspects, policy, challenges, and alternatives were all discussed. In all, the panel agreed that green hydrogen is likely to be an important component to support bio-based manufacturing in achieving Net Zero for the UK and should be supported.</p>		
<p>#4</p>	<p>Various future programmes were shared with the panel. Strong support was given to all programmes and advise on direction and technical aspects was provided. Between the proposed programmes featuring carbon metabolism and the recovery of nutrients programmes, the nutrients programme was encouraged to move forward, and the carbon metabolism programme advised to go ahead at a later date.</p>		