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UK-India Bioenergy Online Workshop Monday 14 February 2022

9.30am – 11.30 GMT/3.00pm – 5.00pm IST

Patricia Thornley, Director



Supergen Bioenergy Hub



Agenda

9.30 Welcome and Introductions

Patricia Thornley, Director, Supergen Bioenergy Hub

9.35 Current state of play in India in the field of Bioenergy

*Dr Sangita Kasture, Department of Biotechnology, Ministry of Science and Technology,
Government of India*

9.50 UK-India collaboration opportunities

Supergen UK – Scoping project and potential future areas

Patricia Thornley, Director, Supergen Bioenergy Hub

UKRI India – Net Zero priorities

Arina Cosac, Senior Programme Manager, UKRI India

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Agenda

10.15 **Open Forum topic priority areas**

Topic areas introduced for break out groups.

10.25 **Break**

10.35 **Topic group break out sessions**

Each group will identify existing activity in India and the UK in topic areas, indicating gaps and priorities.

11.05 **Feedback**

Top 3 priorities from each group.

11.15 **Expression of interest**

Invitation to express interest in leading a challenge topic at future event.

11.20 **Q&A**

11.30 **Close**

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Introduction

- UKRI has identified bioenergy as an area which has the potential for significant mutual benefit from a UK-India partnership, and in parallel to COP 26 discussions around net zero and clean energy transition, climate is one of the pillars of the India-UK 2030 roadmap. This scoping exercise is being commissioned by the UKRI to evaluate the potential of joint research activities that contribute towards this wider agenda.

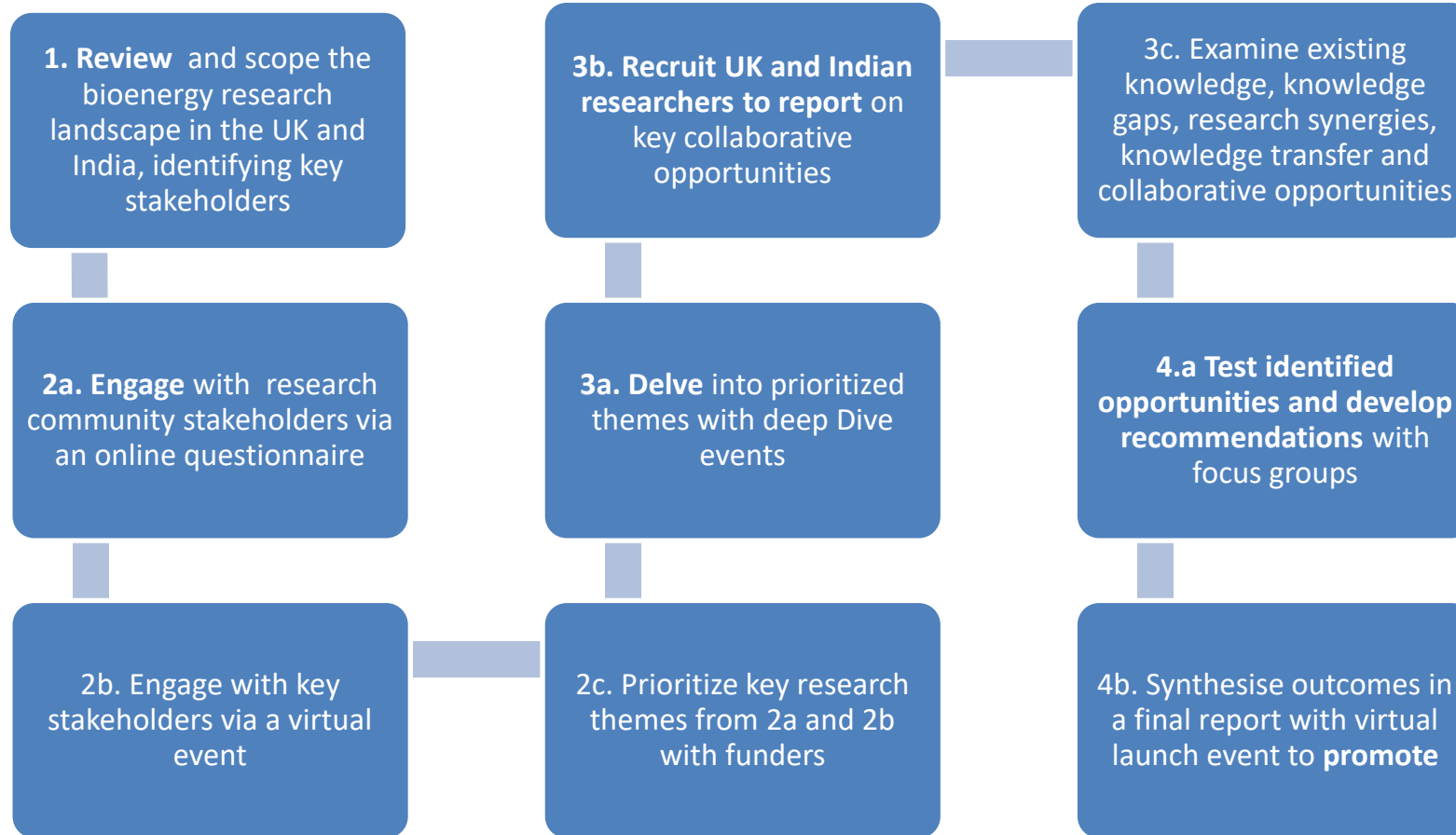
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EPSRC UK Research and Innovation BBSRC UK Research and Innovation

Process



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Current state of play in India in the field of Bioenergy

Dr Sangita Kasture, Department of Biotechnology, Ministry of Science and Technology, Government of India

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Scoping project and potential future areas

Patricia Thornley, Director, Supergen Bioenergy Hub

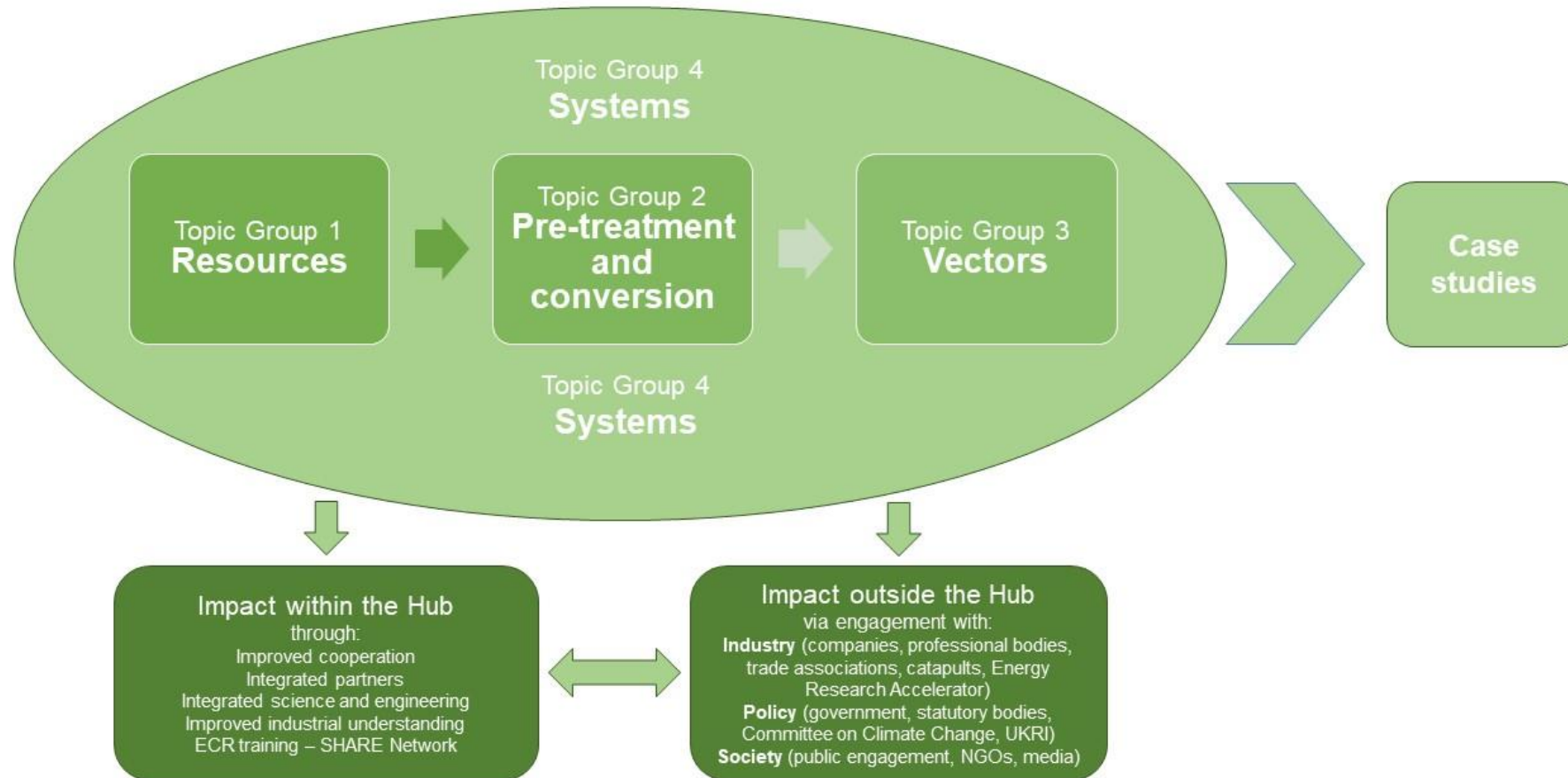
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Supergen Bioenergy Hub and SHARE Network

Director: Patricia Thornley



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BBSRC Networks in Industrial Biotechnology

- Biomass and Biorefinery – Simon McQueen-Mason
- High Value Products – Ian Graham
- C1Net – Nigel Minton
- EBNet – Sonia Heaven
- BBSRC/GCRF BEFWAM Bioenergy fertilisers and clean water from invasive aquatic biomass - AD of water hyacinth
- DST/UKIERI Valorisation of wet waste by hydrothermal carbonisation
- Greenhouse Gas Removal Programme & NERC FAB GGR

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Possible topics

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UKRI India – Net Zero priorities

Arina Cosac, Senior Programme Manager, UKRI India

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Open Forum Topic Priority Areas

1. Fermentation
2. Anaerobic Digestion
3. Rice, sugar cane bagasse and other residues
4. Biorefineries and chemical
5. Waste and circular economy
6. Rural opportunities, economics & policy
7. Algae potential

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Break out groups

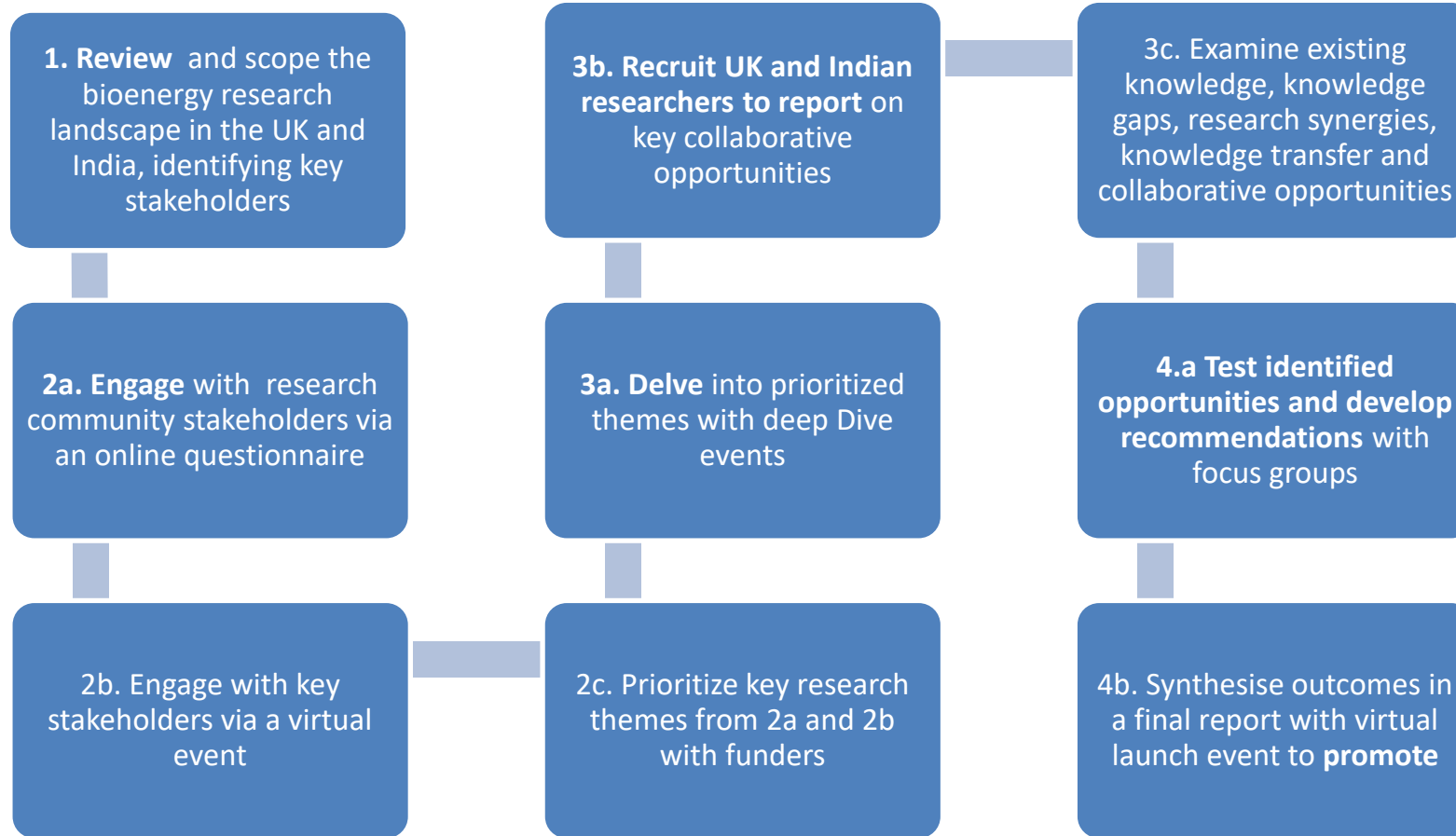
- Each break out group will discuss a topic area.
 - Facilitated discussion on priorities in UK/India, gaps and areas of collaboration
 - 30 minutes
 - Feedback on 3 key priorities

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Process - reminder



Next steps to keep informed

- Email
 - Supergen-bioenergy@aston.ac.uk
- With “India” in title

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Questions?

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