

# WELCOME!

## Environmental Biotechnology Network

*Early Career Researcher Conference, Nottingham*

*12-14 September 2022*



Biotechnology and  
Biological Sciences  
Research Council



Engineering and  
Physical Sciences  
Research Council

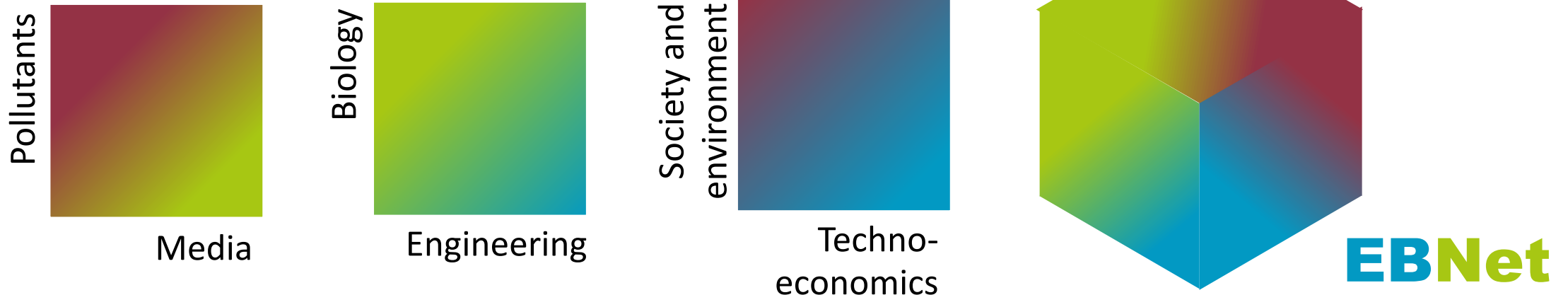
# The EBNet ECR Conference



- Housekeeping: fire, food, loos, ducks and presenter view!!!
- Designed to be a relaxed conference with your peers
- Networking opportunities
- Presentations/posters – voting - (prizes!) – and timings
- Optional project management workshop (future demand?)
- Travel expenses reimbursed up to £250 – send back to us at [EBNet@EBNet.ac.uk](mailto:EBNet@EBNet.ac.uk)
- Please give us **feedback** using the sheets provided (free mug on offer!)

# EBNet - Strategic aim

To **bring together** natural and social scientists and engineers to move discovery science towards practical application in creating and optimising **engineered microbial systems** for **environmental protection, bioremediation and resource recovery**



# EBNet Structure – who are we?

- Executive Group (EG)
  - Principal Investigator: Prof Sonia Heaven (Southampton)
  - Co-Investigators: Prof Fred Coulon (Cranfield), Prof Tom Curtis (Newcastle), A/Prof Tony Gutierrez (Heriot-Watt), Prof Jhuma Sadhukhan (Surrey)
- Steering Group (SG)
  - Industry-focused group to identify areas of special priority or interest
- **ECR Scientific Committee - volunteers for next year?**
- Network Managers
  - Carry out day-to-day Network activities
- International Advisory Group
- Industry, government and academic members

# Networks in Industrial Biotechnology & Bioenergy Phase II (NIBB II) – to 2024-25 (All have BIV/POC/ECR funding)

- [Algae-UK](#) (Saul Purton, UCL)
- [Biomass Biorefinery](#) - BBNet (University of York)
- [Carbon Recycling](#) - CCNet (Nigel Minton, University of Nottingham)
- [Elements of Bioremediation - E3B](#), Biomanufacturing & Bioenergy Metals in Biology (Nigel Robinson, Durham University)
- [Environmental Biotechnology Network](#) - **EBNet** (Sonia Heaven, University of Southampton)
- [High Value Biorenewables](#) - HVBNet (Ian Graham, University of York)

# BIV/POC/Placements

**Business Interaction Vouchers (BIV)** - 2022: Next call: 12 Sep 22-27 Oct 22. Funding up to £20K for an academic to do a piece of work for an industry partner (6 month duration, 80% FEC).

**Proof of Concept (PoC)** – 3<sup>rd</sup> call closed May 22. Next 2023 TBC. Up to £100K, 1 year duration, 80% FEC).

**Placements** – for training or new skills. Up to £1500 for UK based placements and £3000 for overseas placements

**ECR Conference Travel Bursary** – Pre-selected. However, we wish to hear from ECR's about conferences *you'd* like to attend - *please contact us with ideas!*

# Join in! – Working groups



## 1. Aerobic Granulation Processes (Southampton)

- Next webinar: “The commercialisation of continuous aerobic granular sludge technology”, Dr Sudhir Murthy, 9 Nov 22 (TBC – keep an eye on the website and newsletters).

## 2. Anaerobic Digestion (Hull)

- Next webinar: “Advances in Anaerobic Membrane Bioreactors (AnMBR)”, Prof Jules van Lier, Prof Bruce Jefferson and more (TBC – keep an eye on the website and newsletters).

## 3. Bioinformatics Training for Microbial Environmental Biotechnologies (York)

## 4. Environmental Sensors and Wastewater Surveillance (Cranfield)

## 5. Process Integration and Sustainability Assessment (Surrey)

## 6. Water Biofilms (Cranfield) – TBC –

- Next webinar: “What are biofilms doing in our drinking water pipes?” Prof Joby Boxall, 21 Sep 22, 12.00-13.00

*ECR working group? To address the general needs of ECR's*

# Contacts and Social Media

**Email:** [EBNet@EBNet.ac.uk](mailto:EBNet@EBNet.ac.uk)

**Website:** [www.EBNet.ac.uk](http://www.EBNet.ac.uk)

**Twitter:** <https://twitter.com/EBNetUK>

**Facebook:** <https://www.facebook.com/EBNetUK>

**LinkedIn:** <http://bit.ly/EBNetUKLinkedIn> or  
[www.linkedin.com/groups/13712572/](http://www.linkedin.com/groups/13712572/)

**Youtube:** <http://bit.ly/EBNetVideo>

**Comms:** Ad hoc plus monthly NM email (we don't spam you!)



# Thank you

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