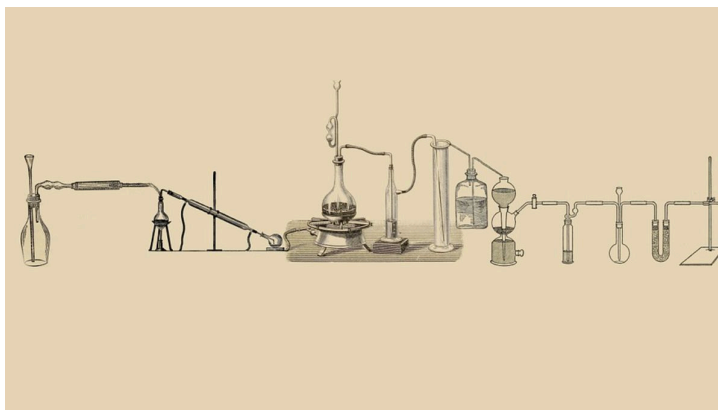




Biotechnology and
Biological Sciences
Research Council



Engineering and
Physical Sciences
Research Council



EBNet Newsletter - May 2022

New

[Joint EBNet/Algae-UK webinar - "Developments in Algal Gas Scrubbing"](#)

Tuesday, 17 May 2022, 12.00 (BST). Registration open.

[Joint EBNet/CRNet webinar - "CO2 Biomethanisation"](#)

Thursday, 26 May 2022, 12.00 (BST). Registration open.

Featured Opportunity

[BBSRC Pre-announcement: towards a circular bioeconomy for precious metal recovery and textiles.](#) Deadline: 21 July 2022



Now Open

EBNet funding opportunities for academia and industry are highlighted below.

[EBNet 3rd Proof of Concept Call](#) - 16 May 2022 (midnight)

Projects up to £100K. Keep checking the post for updates.

[EBNet Placement Call](#) - Always open

These are worth up to £1,500 for UK-based placements and £3,000 for overseas placements.

[ECR Conference Travel Bursary](#) - Always open

Looking to present your work at a major conference and lack funding? We have support worth up to £1,500 - ask for details.

Spotlight On...

Do you have any news to share with other members? Email us details if you want a shout-out in the next newsletter.



It is with immense sadness that the EB Network has learned of the death of [Dr Clare Lukehurst OBE](#).
As the UK National Team Leader for the International Energy Agency Task 37 (Energy from

Biogas) for many years, she was involved in numerous publications, annual reports and the dissemination of the Task's work. She worked tirelessly to ensure that the UK maintained its interest in the Task and her passion and enthusiasm for anaerobic digestion helped inform its activities over many years.

.....
Do you have an opinion to share? The [DEFRA Consultation Hub](#) hosts various open environmental consultations on topics like *packaging waste recycling* or *local air quality*. These feed into actual UK Government targets, contributing to real impact. And the [Ofwat Innovation Fund](#) has a consultation open until 17 May. Could you inform the next share £4 million annual funding for water and wastewater innovation? And our sister-NIBB CRNet is looking for input to a policy briefing on bio-based approaches to carbon dioxide utilisation. Take the [survey](#) today. Meanwhile the UN has numerous water-related [publications](#) freely available, including the recent World Water Development Report 2022: [Groundwater: Making the invisible visible](#).



Forthcoming Events

Find selected upcoming events below.

For more, go to: [Events Roundup](#).

[E3BNet: The role of technology metals in reaching net zero & a resilient circular economy for the UK](#)

24 May 2022

[IBioC: 8th Annual Conference](#)

6/7 June 2022, Glasgow

[UKRI: Scoping workshops: urban green and blue spaces](#)

9 June 2022; 14 June 2022; 16 June 2022

[BioVale/THYME Project: Successes and opportunities for the bioeconomy](#)

9 June 2022

[Plastics, from Cradle to Grave and Resurrection III](#)

15 June 2022

[EPSRC: Engineering net zero week](#)

20-24 June 2022. Register by: 16 May 2022

[BBNet/HVBN ECR Workshop: An Early Career Researcher Toolkit for the Bioeconomy](#)

5/6 July 2022, York

[E3BNet: Industrial Biotechnology versus COVID-19](#)

7 July 2022

[The Microbiology Society: Early Career Microbiologists' Forum Summer Conference 2022](#)

12/13 July 2022

[HVB Annual Meeting 2022](#)

21/22 September 2022, Crowne Plaza in Harrogate

[IFIB – International Forum on Industrial Biotechnology and Bioeconomy](#)

29/30 September – Bari, Italy

[Algae Biomass Summit](#)

3-28 October 2022

[EFIB - European Forum for Industrial Biotechnology and the Bioeconomy 2022](#)

26/27 October 2022, Vilnius, Lithuania

[AquaEnviro: European Biosolids & Bioresources Conference & Exhibition](#)

22/23 November 2022, Birmingham. Abstract deadline: 17 June 2022

[8th IWA Water Resource Recovery Modelling Seminar](#)

15-18 January 2023

[6th IWA International Conference on Eco-Technologies for Wastewater Treatment](#)

26-29 June 2023

[10th International Water Association \(IWA\) Membrane Technology Conference & Exhibition for Water and Wastewater Treatment and Reuse](#)

09-12 July 2023

Funding

Funding opportunities for academia and industry are highlighted below.

For more, go to: [Funding Roundup](#).



[Engaging the public with environmental science: 2022](#)

18 May 2022

[Innovate UK: Farming Futures R&D Fund: climate smart farming](#)

18 May 2022

[EPA Research Call - Delivering a Healthy Environment](#)

1 June 2022

[EPSRC: Manufacturing research hubs for a sustainable future](#)

7 June 2022

[BBSRC: strategic longer and larger grants \(sLoLa\): frontier bioscience 2022 to 2023](#)

14 June 2022

[Knowledge transfer partnerships \(KTP\): 2022 to 2023, round two](#)

15 June 2022

[NERC: Environmental response to hydrogen emissions](#)

16 June 2022

[Net Zero Hydrogen Fund – Strand 1: Development Expenditure \(DEVEX\)](#)

22 June 2022

[Innovate UK: Farming Innovation Programme: large R&D partnership projects](#)

29 June 2022

[FEMS Research and Training Grants](#)

1 July 2022

[Innovate UK Smart Grants](#)

27 July 2022

[NERC: Understanding changes in quality of UK freshwaters](#)

28 July 2022

[EU: Prize for Rising/Women Innovators](#)

18 August 2022

[Industrial Energy Transformation Fund \(IETF\) Phase 2: Summer 2022](#)

9 September 2022

[Privilege Finance: Student sponsorships](#)

24 September 2022

[EIC Pathfinder Challenge: Carbon dioxide and Nitrogen management and valorisation](#)

19 October 2022

[EU: Development of algal and renewable fuels of non-biological origin](#)

10 January 2023

[EU: Best international practice for scaling up sustainable biofuels](#)

10 January 2023

[XPRIZE Carbon Removal](#)

1 December 2023

[E3BNet: Business Interaction Voucher](#)

Open



Jobs, Training, Awards & PhDs

Did you know we have funds available to help members access placements in industry or academia?

Jobs (also see [FindAPostDoc](#) & [Jobs.ac.uk](#))

STEM Tutor and Coordinator - University of Surrey International Study Centre, 23 May 2022

Training

[Aqua Enviro: Optimising Anaerobic Digesters: Wastes](#) - 24 May 2022

[IBioC: Certificate of Upstream Bioprocessing \(3 day\)](#) - 28-30 June 2022; 27-29 Sept 2022; 29 Nov-1 Dec 2022

[World Biogas Association: Plant Optimisation Training](#) - 28 June 2022

Awards and Competitions

[RGS: Planning and Environment Research Group \(PERG\)](#) - 15 July 2022

[E&T Innovation Awards 2022](#) - open: April 2022

PhDs (see [FindaPhD](#))

Modelling the effect of quorum sensing in fluid flow on biofilm function - University of Manchester, 16 May 2022

Nature-based solutions: reducing the environmental impact of antimicrobial resistance (AMR) and antibiotics in constructed wetlands for sewage treatment - Cranfield University, 7 June 2022

Publications

[Impact of engineered nanoparticles on the fate of antibiotic resistance genes in wastewater and receiving environments: A comprehensive review](#)

Hanlin Cui, Adam L. Smith. In Environmental Research. Volume 204, Part D, March 2022, 112373

[A critical review on exploitation of agro-industrial biomass as substrates for the therapeutic microbial enzymes production and implemented protein purification techniques](#)

Diksha Raina, Vinod Kumar, Saurabh Saran. In Chemosphere. Volume 294, May 2022, 133712

[Recovering metal\(loids\) and rare earth elements from closed landfill sites without excavation: Leachate recirculation opportunities and challenges](#)

H.Lee, F.Coulon, D.J.Beriro, S.T.Wagland. In Chemosphere. Volume 292, April 2022, 133418

[Review: Recent advances in biochar engineering for soil contaminated with complex chemical mixtures: Remediation strategies and future perspectives](#)

Jerry Anae et al. In Science of The Total Environment. Volume 767, 1 May 2021, 144351

Still here?

The focus this month is concise communication (or perhaps procrastination). To add to online wordle, sudoku and the daily crossword, why not test yourself with this novelty from xkcd? Most communication involves a mere 1,000 common words. But it is surprisingly hard to explain what you do, using only them. Try the Up-goer Five Text Editor [here](#) and see if you can explain your work. E.g. "*wider world clean up with living things*". (Or, there is always the Plain English Campaign [Gobbledygook Generator](#).)

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