



(Photo by Chokniti Khongchum from Pixaby)

EBNet Newsletter - October 2021

News

EBNet welcomes a new [Working Group!](#)

"[Process Integration and Sustainability Assessment](#)", led by Dr Jhuma Sadhukhan, University of Surrey aims to create awareness on the theme *Technology Interfaces*. Do contact her for more information if you are interested.

Did you miss the first in a new series of webinars by the Working Group "[Environmental Sensors and Wastewater Surveillance](#)"? Catch up with the video [here](#) and be sure to sign up for the next in the series - coming soon.



Now Open

EBNet funding opportunities for academia and industry are highlighted below.

[NEW! Joint EBNet/IBioIC: Business Interaction Voucher Call](#)

Call Opens: 18 October 2021. Deadline: 19 November 2021

Want support to work with industry? For UK projects up to £20K.

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



[IEA Bioenergy](#) is an organisation set up in 1978 by the International Energy Agency with the aim of improving cooperation and information exchange between countries that have

national programmes in bioenergy research, development and deployment. There are a whole spectrum of [Tasks](#) including some which may be of interest - [Material and Energy valorisation of waste in a Circular Economy](#) and [Biorefining in a Circular Economy](#), amongst others. You can keep an eye on the wider field through their free reports and case studies.



Forthcoming Events

Find selected upcoming events below.

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

[KTN: Circular Economy for SMEs Competition Briefing](#)

18 October 2021

[Anaerobic Digestion, Quo vadis?](#)

21 October 2021

[IChemE webinar: Engineering to Enable a Circular Chemical Economy](#)

25 October 2021

[The Carbon Recycling Network: Policy Engagement Workshop](#)

27 October 2021

[UN Climate Change Conference of the Parties \(COP26\)](#)

1–12 November 2021, Glasgow

[E3BNet: Cleaning Up Biocatalysis with Hydrogen: from recycling NADH and flavin cofactors for biotechnology to spin-out of HydRegen Ltd and beyond](#)

18 November 2021

[BioVale: Intellectual property workshop for bio-based companies and entrepreneurs](#)

17 November 2021, Bioeconomy Outreach Centre, York

[Algae-UK: A Festival of Algae](#)

17-18 November 2021, Birmingham Science Museum

Funding

Funding opportunities for academia and industry are highlighted below.

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



[Joint Algae-UK/BBNet/IBioC PoC Call: Biorefining Marine Biomass](#)

Expression of interest: 15 October 2021. Deadline for full application: 26 November 2021

[E3BNet POC/BIV Call – Australia/Canada collaboration](#)

27 October 2021

[EPSRC: Research the production and integration of zero carbon hydrogen](#)

2 November 2021

[UKRI: Improve the sustainability of urban systems and infrastructure](#)

9 November 2021

[BBSRC: Partner with global bioscience laboratories](#)

11 November 2021

[NERC: Incorporating nature into decision making in the finance sector](#)

18 November 2021

[JSPS London: Call for the Short-Term Pre-/Post-doctoral Fellowship for Research in Japan](#)

29 November 2021

[Knowledge Transfer Partnerships \(KTP\): Round 4](#)

1 December 2021

[InnovateUK: Circular economy for SMEs: innovating with the NICER programme](#)

8 December 2021

[The Sanger Prize Competition 2021](#)

11 December 2020

[EPSRC: Business and academia prosperity partnership: Round 5](#)

11 January 2022

[NERC: standard and new investigator grants - environmental science](#)

18 January 2022



Jobs, Training, Awards & PhDs

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

Training

[EMBL-EBI: Introduction to Multiomics Data Integration and Visualisation](#)

Applications close: 3 December 2021. Course: 21-25 March 2022

Awards and Competitions

[Processes 2022 Travel Awards](#) - 31 March 2022

[IWA Global Water Award 2022](#)

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

Postdoc in Bio-manufacturing Textiles from Waste - Royal College of Art (Material Science Research Centre) - 24 October 2021

PhDs (see [FindaPhD](#))

[Future proofing sludge treatment centres for AMP7 and beyond](#) - Cranfield University, 26

November 2021

Investigating a nature-based solution for agricultural runoff in Ireland: Identification of nutrient/trace element accumulator plant species and their microbial interaction -

Trinity College Dublin, 30 November 2021

Publications

[Dynamic changes in anaerobic digester metabolic pathways and microbial populations during acclimatisation to increasing ammonium concentrations](#)

Wei Zhang, Anna M. Alessi, Sonia Heaven, James P. J. Chong, Charles J. Banks

Waste Management. Volume 135, November 2021, Pages 409-419

[A critical review of decision support systems for brownfield redevelopment](#)

Ellis B. Hammond, Frederic Coulon, Stephen H. Hallett, Russell Thomas, Drew Hardy, Andrew Kingdon,

Darren J. Beriro

Science of The Total Environment. Volume 785, 1 September 2021, 147132

[The Mathematics of Life Cycle Sustainability Assessment](#)

Jhuma Sadhukhan, Sohum Sen, Siddharth Gadkari

Journal of Cleaner Production. Volume 309, 1 August 2021, 127457

[Biosurfactants and their Applications in the Oil and Gas Industry: Current State of Knowledge and Future Perspectives](#)

Christina Nikolova & Tony Gutierrez

Front. Bioeng. Biotechnol., 15 February 2021

Still here?

Did you know that there is an entire sub-category called “**Biopunk**” in science fiction? It focuses on the implications of biotechnology & synthetic biology, although with a dystopian twist. Not new - the iconic “*The Island of Doctor Moreau*” by H. G. Wells dates back to 1896!

Organised by the University of Southampton, [Green Stories](#) are a series of **free writing competitions** across various formats to solicit stories that showcase what a **sustainable society** might look like. The competitions have cash prizes and are open to all. Now open: the [Adult Novel Competition](#) (December 2021), the [Adult Short Stories Competition](#) (February 2022) and the [Under 18s Short Stories Competition](#) (March 2022).

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