

News on biobased resource recovery

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Dear circular economy enthusiast,

Before the summer break, we are back again with a new issue of our Bulletin, to share with you some inspiring news from the circular economy world!

The Biorefine community is growing and this time we welcome the UNLOCK project. Funded by BBI-JU, UNLOCK aims to transform feather waste from the poultry industry into bio-based products for agricultural applications.

In this issue, we also put our spotlight on the Nutriman project, a nitrogen and phosphorus thematic network compiling knowledge ready-for-practice for recovered bio-based fertiliser product applications, practices and technologies. You will learn more about its goals, upcoming activities and project results!

Along with that, new interesting initiatives on circular bioeconomy are waiting for you! Thus, do not forget to register for the Alg-AD and ReNu2Farm final showcase to know more about how these projects are contributing to implement the circular economy in the North West Europe!

Lastly, breaking news on projects from our community will keep you informed on their latest progress and results. And to make your reading even more interesting, do not forget to take a peek at the publications and the upcoming events we chose for you!

We wish you a pleasant reading!

The BCE Team

Our latest updates will be waiting for you at @Bioref_Cluster and www.biorefine.eu. See you there!

You wish to share any news with us? Get in touch! info@biorefine.eu

BCE members

The BCE network is growing



The Biorefine Cluster is happy to welcoming UNLOCK within its network.

The UNLOCK project, funded by the Bio-based Industries Joint Undertaking (BBI JU), aims at designing economically and environmentally sustainable innovative value chains to create a feather based bio-economy.

Read more [here](#)

Project's corner

A focus on NUTRIMAN



What is NUTRIMAN? A Nitrogen and Phosphorus thematic network compiling and sharing knowledge of “ready-for-practice” recovered bio-based fertiliser technologies, products, applications and practices for the benefit of agricultural practitioners.

Read more [here](#)

The NUTRIMAN operational field is covering successfully completed high research maturity innovation results with post research and prior commercialization status only. Nutriman produced a booklet including practice abstracts of 25 matured N & P recovery technologies and products, selected from over 100 matured N & P recovery technologies and products from the existing matured research results in the EU27.

Read more [here](#)



**JOIN THE NUTRIMAN
FINAL CONFERENCE**

From innovation to practice:
the Farmer Platform as an
inventory for recovered organic
and low input fertiliser solutions



Date: 16 September 2021
Time: 09:00-17:00 CET
Location: Online

The project partner IUNG, organised a webinar for Polish farmers to explain the NUTRIMAN project against the backdrop of the current European fertilisation and recycling situation. The new European regulation and research and development projects were explained with a focus on the NUTRIMAN project.

Read more [here](#)



Booklet with selected practice
abstracts of 25 matured N & P recovery
technologies and products



The NUTRIMAN project is coming to its end and it is ready to present its interesting results! The final conference will take place as an online event on 16 September 2021, 09:00-17:00 CET. During the final conference, the three years project results will be summarised and presented; from the knowledge collection to the spreading of knowledge for the existing nutrient recovery innovations, that are ready-to-practice but not yet known or used by practitioners.

Read more [here](#)



NUTRIMAN EVENT
Thursday 29 July 2021 @ 10:00-12:00

Webinar: The NUTRIMAN project & use of
biofertilizers -
Projekt NUTRIMAN i wykorzystanie
bionawozów



Project news

New-C-Land: valorisation of marginal lands



The New-C-Land project focusses on the valorization of marginal lands in Flanders, Wallonia and the North of France region, by the implementation of new biobased and local value chains. You can subscribe now your business and the type of plant material you are looking for on sitesforbiomass.eu to find sites with potential (outside traditional agricultural areas) for your activity.

Read more [here](#)

Project news

Alg-AD and ReNu2Farm showcase event. Circular Bioeconomy: production of recycling-derived fertilisers and algal biomass



Alg-AD and ReNu2Farm are pleased to invite you to their showcase event on 'Circular Bioeconomy: production of recycling-derived fertilisers and algal biomass', which will be held on 9 September 2021 in the morning. During the event, both projects will present their vision, approach and solutions implemented to valorize nutrients from organic waste streams. Challenges and results will be discussed as well as the impact of the projects and their potential transferability to other sectors.

Read more [here](#)

Project news

ECOFUNCO first workshop on bio-based materials research



On 16 June 2021, ECOFUNCO project partners contributed to the first workshop on bio-based materials research. The purpose was to share with the interested stakeholders the expertise gained by the partners during the project research activities. Moreover, the project gave space to a sibling project, [BIOntop](#), and to some representatives of the ECOFUNCO advisory board.

Read more [here](#)

Project news

Run4Life published a new paper on bioelectrochemical systems for ammonium recovery



Further developments of the Run4Life project include the new publication of Diana Losantos of project partner Leitao and co-workers about the 'Development and optimization of a bioelectrochemical system for ammonium recovery from wastewater as fertilizer'.

Read more [here](#)

Project news

Bio4Products Booklet 'Unlocking the potential of the bioeconomy'



30 June marked the official close of the Bio4Products project. All the main activities and outcomes have been compiled in the booklet 'Unlocking the potential of the bioeconomy'.

[Give it a read!](#)

Project news

Nutri2Cycle at CIWEM



Last month, TEAGASC made a talk at CIWEM, Chartered Institution of Water and Environmental Management. Results and update from Nutri2Cycle demonstration trial ongoing at grassland and arable site were presented.

Read more [here](#)

Project news

Diary4Future released its third newsletter!



The Dairy4Future project aims to increase the competitiveness, sustainability and resilience of dairy farms in the Atlantic area. The project released its third newsletter! Discover more on their activities, results and upcoming initiatives.

Read more [here](#)



Sustainable strategies to recover the finite resource phosphorus are needed. With this aim 12 partners from 7 countries are engaged in the INTERREG V B NWE-project “Phos4You” under the lead of the LIPPEVERBAND. Phos4You demonstrates innovative technologies to recover P from waste water, showcases the use of recycled P (e.g. fertiliser) and fosters P recycling in the partner regions and beyond. The video shows a demonstrator at the Oupeye waste water treatment plant near Liège, Belgium, to recover P from sewage sludge with the PULSE process, resulting in P salts optimised to the users’ demands.

Food for thought..

[The Potential of Digestate and the Liquid Fraction of Digestate as Chemical Fertiliser Substitutes under the RENURE Criteria](#)

Upcoming events

Save the date!



RRB 2021 - Renewable Resources and Biorefineries 2021

6-8 September 2021, Aveiro, Portugal

The 17th edition of the International Conference on Renewable Resources & Biorefineries will take place in Aveiro, Portugal from Monday 6 Sept until Wednesday 8 Sept, 2021. Delegates from university, industry, governmental and non-governmental organizations and venture capital providers will present their views on industrial biotechnology, sustainable (green) chemistry and agricultural policy related to the use of renewable raw materials for non-food applications and energy supply.

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Phos4You Final Conference 22-23 September 2021, Essen, Germany & online

After four years of cooperation, the Phos4You partnership would like to invite you to the project's final conference. The programme will include plenaries, multi-stakeholders discussions, a poster exhibition, an excursion to a Phos4You demonstrator and plenty of opportunities to enjoy, exchange and network. Speakers will be Phos4You actors in the fields of wastewater treatment and sewage sludge incineration, recovery processes and research.

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Nature Conference - Waste Management and Valorisation for a Sustainable Future

26-28 October 2021, Korea University, Seoul, South Korea

The development of sustainable waste management strategies has become a major concern throughout the world. This conference focuses on “recycling” and “recovery” of waste material while paving the way towards circular economy, land reclamation, and water and wastewater treatments.

Local and overseas experts from different sectors including academic researchers, industrial practitioners, green groups, and government departments will be gathered in this program.

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ManuResource 2021

24-25 November 2021, 's Hertogenbosch (NL)

Circular agriculture with low emissions and nutrient recovery from manure is high on the European Union agenda. ManuREsource is an international triple-helix conference for scientists, policy makers, consultants, farmers and professionals on the theme of manure management. The conference aims to accelerate the transition towards a circular economy by exchanging experiences and knowledge with concerned international stakeholders and policy makers

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RAMIRAN 2020

19-21 September 2022, Cambridge,
United Kingdom

RAMIRAN "Recycling of Agricultural, Municipal and Industrial Residues in Agriculture Network" is a research and expertise network set up over 25 years ago to improve nutrient utilisation and minimise the environmental impact from livestock manure and other organic material use in agricultural systems.

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The Biorefine Cluster is supported by the European Biogas Association (EBA), a no-profit organisation which advocates for recognition of biomethane and other renewable gases as sustainable, on demand and flexible energy sources that provide multiple knock on socio-economic and environmental benefits. Learn more [here](#)



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