

News on biobased resource recovery

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Dear circular economy enthusiast,

Welcome to the first issue of the year!

After the Christmas break, the Biorefine Cluster is back on track with renewed energy to share with you the most inspiring news from circular economy.

In this issue we will offer you an overview on the forthcoming initiatives and events in our network! The Biorefine Cluster will be launching soon the BCE webinar series, providing a space for discussion and exchange on developments in bio-based resource recovery.

The latest practice-oriented research and the innovative technologies from the biogas and biomethane sectors will be showcased during the EBA 'Biogas, the Next Wave' webinar, showing the potential of renewable gas in contributing to the transition towards a resource efficient economy.

Still, you will get an insight on the Workshop 'Applied R&D for P recovery', organised by the BCE in the framework of the 4th European Sustainable Phosphorus Conference, taking place in Vienna in June.

But that's not all! We bring you an overview on the new recycling regulation on food leftovers in Flanders and breaking news from projects of our community, keeping you updated on the latest developments and results achieved.

And to make your reading even more interesting, do not forget to take a peek at 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

Circular economy

BCE Webinar Series 2021 coming soon...



The Biorefine Cluster Europe will launch soon a series of webinars aiming at offering additional inspiration and fresh ideas around biobased resource recovery covering BCE areas ranging from renewable energy to water recovery and reuse biochemical, value chain assessment, biomaterials and eco-design and nutrient recycling.

[Read more here](#)

Circular economy

Biogas Lab webinar series. Biogas, the Next Wave



The second webinar in the EBA 'Biogas Lab webinar series' will be held on Wednesday 10 February from 15:30 to 17:30 CET. During the event, the latest practice-oriented research tackling the biogas value chain will be presented. Along with that, experts from the industry will showcase innovative technologies enhancing the environmental performance of the biogas plants and new processes to scale up the renewable gas production.

Check the programme and register [here](#)

Circular economy

The 4th Phosphorus in Europe Research Meeting (PERM)



The Biorefine Cluster Europe, in partnership with RE-Source, ESPP and TU Wien, is organizing the 4th Phosphorus in Europe Research Meeting (PERM) which will take place in Vienna on 2 June 2021. The workshop will be part of the 4th European Sustainable Phosphorus Conference (ESPC4) which is a unique event bringing together companies, stakeholders, regional and national authorities, innovation and researchers, to discuss phosphorus and nutrients sustainability actions and policies.

Check the programme and register [here](#)

Circular economy

New recycling regulation in Flanders



From the 1st of January 2021 all companies in Flanders that serve warm meals, will be obliged to sort their food leftovers separately and offer it for separate waste collection following the revised Waste Framework Directive and its Flemish implementation. As a result, the kitchen waste will not be dumped in a landfill or will not be incinerated but will be converted in green energy and compost. The nutrients and the carbon will be recycled as a fertiliser. From the 1st of January 2024 onwards, this separate collection of kitchen waste, will be generalised for all companies in Flanders.

[Read more here](#)

Project news

LIFE DOP: Demonstrative mOdel of circular economy Process in high quality dairy industry



The LIFE DOP project (Demonstrative mOdel of circular economy Process in high quality dairy industry) is a EU project, located in Mantua district, in the middle of the cheese production chain, aiming to demonstrate a new production model for Grana Padano PDO (Protected Designation of Origin) and Parmigiano Reggiano PDO, able to reduce the environmental impacts of production.

[Read more on activities and results](#)

Project news

ReNuMaps tool and full report now available online. Insight in recycling - derived fertilizers demand

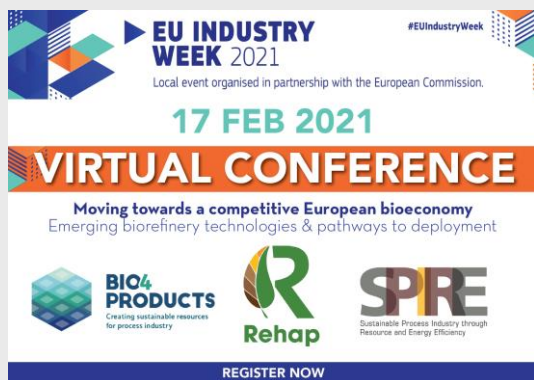


ReNu2Farm aims to increase recycling rates of the main plant nutrients, N, P and K, by focusing on the demand of farmers. A study carried out within ReNu2Farm in 2019 under the lead of researchers from NMI (NL) and CIT Cork (IRE) is now published online and in full length. The report gives insight in crop nutrient demand, current use of organic fertilisers and estimates the potential demand for recycling-derived nutrients.

[Read more here](#)

Project news

Moving towards a competitive European bioeconomy: Emerging biorefinery technologies & pathways to deployment



For Europe to move towards a competitive bioeconomy, it is essential that biorefinery technologies developed in the lab and at pilot scale are upscaled and deployed at an industrial scale.

This interactive event brings together researchers, industry leaders and policy makers to discuss how the European bioeconomy can take green technology from idea to deployment and who needs to do what to make this happen.

Check the programme and register [here](#)

Project news

Fertimanure: The second newsletter is out!



The Fertimanure mission is to develop, integrate, test and validate innovative nutrient management strategies to efficiently recover and reuse nutrients and other products with agronomic value from manure, to ultimately obtain reliable and safe fertilisers that can compete in the EU fertiliser market.

Recently the project released its second newsletter! Do not miss the chance to read more on project activities, progress and results.

[Read more here](#)

Project news

Latest news from Run4Life



Run4Life is an EU project focused on recovering fertilisers from source-separated domestic wastewaters and kitchen waste. A consortium of technology providers, end users, universities, public utilities and social sciences experts work together to innovate and apply technologies at four full scale demonstration sites in Europe: Nieuwe Dokken in Ghent (BE), Oceanhamnen in Helsingborg (SE), Lemmerweg in Sneek (NL) and Porto do Molle in Vigo (ES). The consortium works on technology and product development and on the integration and success of the new concepts in society through for instance social and market acceptance.

[Read more here](#)

Upcoming events
Save the date!



The 4th European Sustainable Phosphorus Conference
31 May - 2 June 2021, Vienna, Austria

The European Sustainable Phosphorus Conferences are the unique event bringing together companies, stakeholders, regional and national authorities, innovation and researchers, to discuss phosphorus and nutrients sustainability actions and policies.

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RRB 2021- Renewable Resources and Biorefineries
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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RAMIRAN 2020

20-23 September 2021, 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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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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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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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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