

News on biobased resource recovery

[View this email in your browser](#)



Dear circular economy enthusiast,

Before November ends, we are happy to share with you our new Bulletin full of inspiring updates from the circular economy world!

After two successful dates, the European Sustainable Nutrient Initiative (ESNI) will come to an end with a policy session dedicated to '*Fertilising Products Regulation (FPR), a part of the Circular Economy Action Plan. Experiences from EU projects*'. The event will discuss the implementation of the revised Fertilizing Product Regulation and the way forward for RENURE products. Join the event online and participate in this debate!

In this issue, we will also present you the BCE webinar series, aimed at offering additional inspiration and fresh ideas around biobased resource recovery topics. Stay tuned to discover more on the forthcoming events!

More insights and breaking news from projects of our community will enrich your reading and will keep you informed on latest progress and achievements of our growing community. Lastly, do not forget to have a look at the most relevant 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](http://www.biorefine.eu). See you

there!

You wish to share any news with us? Get in touch! [info@biorefine.eu](mailto:info@biorefine.eu)

### Circular economy

## The European Sustainable Nutrient Initiative (ESNI) discussing the Fertilising Products Regulation



**On the 15th of December, ESNI will held its policy session!**

After two successful dates, the European Sustainable Nutrient Initiative (ESNI) will come to its end with a session fully dedicated to policy.

This session titled '*Fertilising Products Regulation (FPR), a part of the Circular Economy Action Plan. Experiences from EU projects*', will provide an outlook on the implementation of the revised fertilizing product regulation and the way forward for RENURE products.

Do not miss the opportunity to join us online and take part in debate on the benefits of nutrient recycling for the circular economy.

[Register here](#)

### Circular economy

## Workshop on applied R&D for P recovery - **POSTPONED!**



Given the development of the international coronavirus situation, it has been decided to postpone the 4<sup>th</sup> Phosphorus in Europe Research Meeting (PERM). The phosphorus day, organised by the Biorefine Cluster Europe in partnership with RE-Source, ESPP and TU Wien, will take place in Vienna on 2nd 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.

[Register here](#)

### Circular economy

## BCE Webinar Series 2021 coming soon...



The Biorefine Cluster Europe has launched a series of webinars that aims 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.

[Rear more here](#)

### Circular economy

## Wiley Series in Renewable Resources



Renewable resources, their use and modification, are involved in a multitude of important processes with a major influence on our everyday lives. Applications can be found in the energy sector, chemistry,

pharmacy, the textile industry, paints and coatings, to name but a few. The Wiley Series in Renewable Resources provides in-depth coverage of a broad range of topics where renewable resources can play an important role in sustainable industrial development.

[Read more here](#)



...Get involved...

UCLouvain - [Bioprocess & Biorefining Engineering](#)

#### Project news

### REGATRACE released its third newsletter



The Regatrace project released its third newsletter!

In this issue, you can read the latest news from the biomethane world, learn about the project's progress, and discover the developments related to the biomethane market in each country.

Check the newsletter [here](#)

You can read additional updates and news on the project's [website](#) and [twitter](#) account.

#### Project news

### Reducing greenhouse gas emissions by maximizing nutrient uptake



"To increase the long-term sustainability of our farming systems, reducing our reliance on conventional mineral fertiliser nitrogen (N) and phosphorus (P) is important." This according to Dr. Patrick Forrester, senior research scientist at Teagasc, Soils, Environment and Land Use Department. To tackle this, he is leading the research for Nutri2Cycle, which has demonstrated that farmers can take steps to boost their income, while also protecting the environment.

*(interview released to AgriLand)*

[Read more here](#)

#### Project news

### ReNu2Farm agronomic trial protocols for evaluation of recycling-derived fertilisers now online



The ReNu2Farm project aims to increase the use of recycling-derived fertilisers such as composts, ammonium salts, mineral concentrates, digestates, and struvite. This will reduce the use of non-renewable rock phosphate and energy-intensively produced mineral nitrogen fertilisers. For farmers, knowledge of the agronomic value of a fertiliser is crucial.

[Read more here](#)

#### Project news

### Grass fiber quality requirements - Grassification needs your input!



What is the quality of grass clippings that can be delivered by the organizations that mow roadside verges? And what is the quality required by companies that refine grass and other plant fibers? Grassification is making an overview of the supply possibilities and demand requirements to establish a viable value chain for grass clippings!

For this, they need your help!

[Click here to fill in our survey](#)

#### Project news

### Phos4You Videos: Phosphorus recovery from waste water



The INTERREG NWE project Phos4You demonstrates about 7 different technologies for P-recovery from waste water. The technology processes are set up at the partner's locations, partly at urban waste water treatment plants, partly at rural locations depending on the territorial context. For each technology a short video is made to show challenges and implementation of different solutions.

Read more [here](#)



**Phos4You: Recovery of phosphorus at small-scale wastewater treatment plant**

### Food for thought...

**Science Direct** - [Effect of pyrolysis temperature on removal of organic pollutants present in anaerobically stabilized sewage sludge](#)

**Science Direct** - [Grassland Phosphorus and Nitrogen Fertiliser Replacement value of Dairy Processing Dewatered Sludge](#)

### 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.

[Continue reading](#)



## **RRB 2021- Renewable Resources and Biorefineries**

**6-8 September 2021**

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.

[Continue reading](#)



## **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.

[Continue reading](#)





## 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

[Continue reading](#)

*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](#)*



[Unsubscribe from this list.](#)

