



Dear circular economy enthusiast,

Here we are in the last issue of the year!

2018 has been an important year for the Biorefine Cluster Europe. Many expectations have been fulfilled and many other challenges are waiting for us in the next year to come. The Biorefine community is getting bigger and new initiatives are on track, awaiting just for you!

This month we present you the latest policy updates from the European Institutions on the Fertilisers Regulation. A special attention is given to the ESNi event, which will offer you the opportunity to actively participate in the nutrient recycling debate.

Still, breaking news from projects of our community will enrich your reading and make you aware of their last developments and results. And last but not the least, you will read information on the most relevant upcoming events and new job positions!

Are you ready to unwrap the BCE Bulletin?

We wish you a pleasant reading and wonderful Christmas holidays!

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 Community

The BCE community is growing!



The BCE community is getting bigger!
We are very pleased to announce that [Life DOP](#) and [Circular Agronomics](#) joined our network!

Learn more about these projects on our website!

Policy news

The EU Institutions agreed on Commission's proposal to boost the use of organic and waste-based fertilisers



On 12 December, the EU Institutions reached an agreement on new EU rules on fertilisers proposed by the Commission in 2016 as a key part of the Circular Economy Package. The new rules will open new market opportunities for companies producing organic fertilisers and, at the same time, will help to create a new market for secondary raw materials in line with the circular economy approach.

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Nutrient Recycling

ESNI 2019 conference - Participate in the poster session!



The Biorefine Cluster Europe, together with other partners, is involved in the organisation of the first edition of the ESNI conference (European Sustainable Nutrient Initiative), that will take place on 22 January in Brussels.

The event will gather together policy-makers, researchers, industry representatives and many other stakeholders aiming to put nutrient recycling high on the EU circular economy agenda.

Do not miss the opportunity to participate and share your latest advances and results in the poster session!

Further information for poster submission can be found [here](#)

Get involved!

- Vacancy: [Postdoc within soil fertility and modelling of soil carbon, nitrogen and phosphorus in European agroecosystems](#)
- Vacancy: [PhD fellow within life cycle assessment of technologies to close nutrient cycles and decrease environmental impacts of agricultural production](#)

Project news

Closing loops with Nutri2Cycle for a truly circular economy



During the next four years, 19 organisations from 12 EU countries will work together to provide an essential contribution to circular economy by closing nutrient loops in the framework of the Nutri2Cycle project. Tackling the existing nutrient flow gaps in Europe will help decrease GHG emissions, reduce soil degradation and improve EU independence for energy and nutrients.

Read the entire press release [here](#)

Project news

ALG-AD 3rd project meeting in UK



The ALG-AD project aims to use waste for sustainable growth by developing new technology to take excess waste nutrients produced from anaerobic digestion of food and farm waste to cultivate algal biomass for animal feed and other products of value.

Partners from across Europe travelled to Gatwick in December to discuss progress on the ALG-AD project, and in particular, the work that is now underway to construct and commission the three pilot reactors.

Read the entire press release more [here](#)

Project news

Take part in the ReNu2Farm survey and contribute to circular economy!

Are you a farmer, contract worker or farm advisor in Northwest Europe? Or do you know anyone of these target groups? If yes, you are invited to support us to take a step towards circular economy by participating in our survey or forwarding the invitation. We



want to understand the attitude of the farming sector towards recycling derived fertilisers better. This will be a major step to target barriers for use of recycled nutrients which need to be abolished.

Read more [here](#)

Project news

The BlueChain project come to its end!



After 3 years, the BlueChain project come to an end!

The project aimed at establishing a new large scale industry in microalgae sector, expanding the existing range, for example with the commercial production of microalgae, suitable for applications in the food and textile industry, the construction sector, pharmacy and cosmetics. Interested in knowing more about its results?

[Read more here](#) (in Dutch)

Food for thought...

- European Environmental Agency - [Environmental Indicators Report 2018](#)
- The Joint Research Center (JRC) - [Securing raw materials for the future](#)

Upcoming events

Save the date!



European Biopolymers Summit 13-14 February, Gent, Belgium

The ACI's European Biopolymer Summit 2019 will bring together senior executives and experts from biopolymers' manufacturers, chemical companies, and consultants, to discuss the latest changes, challenges and developments within the industry. The two day event will give an insight into the latest updates on the environmental projects, the feedstock's landscape, and the role of biopolymers in the circular economy,



application, new technologies, and many more.

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World Resources Forum 2019 **24-27 February, Antwerpen, Belgium**

The general theme for the Forum is 'Closing Loops – Transitions at Work'. With this theme, WRF 2019 wants to focus on hands-on sharing of best practices. The vision and knowledge to close cycles and to evolve towards a circular economy is often already available. A necessary and urgent next step is to now put theory and knowledge into practice, for which networking with peers and other stakeholders can be a key driver.

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The 16th International Conference on Renewable Mobility - Fuels of the Future

21-22 January, Berlin, Germany

The 16th International Congress on Renewable Mobility will address various technical and economic topics relating to powertrains of the future and the major challenges that arise from ambitious climate protection targets. Alternative biofuels will be the focus of a parallel forum with experts from Germany, Finland and England at 11.30 a.m on the second day of the conference, 22nd January 2019.

[Continue reading](#)



The 5th European Conference on Sludge Management

6-8 October, Liege, Belgium

The conference is organized by University of Liège, with the support of the Phos4You project (Interreg North West Europe). The main scope of the event is to provide a scientific program of cutting-edge research in wastewater sludge management. It will bring together international experts of sludge management, scientists, researchers and engineers, R&D laboratories, water agencies, governmental delegates, and private companies to discuss problems, solutions, and innovative technologies and systems for

the sludge management of water and wastewater treatment field.

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The Biorefine Cluster is supported by the European Biogas Association (EBA), a non-profit organisation promoting the deployment of sustainable biogas and biomethane production and use from anaerobic digestion (AD) and biomass gasification in Europe. Learn more [here](#)



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