



Dear circular economy enthusiast,

After this nice summer break, the Biorefine team is once again on track to share with you the most relevant news from the circular economy world and the forthcoming events.

The clock is ticking... so do not miss the opportunity to subscribe to the Systemic workshop and participate in an inspiring debate on how biogas plants as biorefineries for nutrient recycling, can contribute to implement large scale eco-innovations and to advance circular economy & mineral recovery from organic waste in Europe.

In this issue, we also dedicate special attention to the Nutri2Cycle Summer School, which will offer you an overview of the potential, technologies and applications of recycled fertilisers to move towards a more carbon and nutrient efficient agriculture in Europe.

Do not forget to check the breaking news from projects of our growing community! Latest project activities will keep you updated on the most relevant achievements.

And last but not the least, discover the interesting publications we are proposing you as well as job opportunities and upcoming events.

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

Biorefine Community

The BCE community is growing



We are very happy to welcome REGATRACE in our community!

Discover more on the project [here](#)

Circular economy

The Systemic Workshop: biogas plants as biorefineries for nutrient recycling



In the frame of the Systemic project, the BCE and the European Biogas Association (EBA) are co-organising the workshop 'Biogas installations are the next generation refineries: energy & nutrient recovery from biobased residues & wastestreams'. It focuses on biogas plants as biorefineries for nutrient recycling, discussing the actual implementation that the SYSTEMIC project is carrying out at the different locations throughout Europe.

Check the programme and register [here](#)

Circular economy

Nutri2Cycle Summer School 'Transition towards a more carbon, nitrogen, and phosphorus efficient agriculture in Europe'



The Nutri2Cycle Summer School will be taking place on 16-19 September in Gent. Lectures, workshops and excursions will give the participants a first-hand knowledge on potential, technologies and applications of recycled fertilisers to move towards a more carbon and nutrient efficient agriculture in Europe.

Check the programme [here](#)

Get involved!

- [15 PhD positions in next-generation Bioeconomy research within the MSCA ITN 'AgRefine'](#)

Project news

What do farmers want from recycled nutrients?



The Interreg NWE ReNu2Farm project aims at increasing the recycling rates of plant nutrients Nitrogen (N), Phosphorous (P) and Potassium (K). Over 1,200 farmers from seven different countries (Belgium, France, Germany, Ireland, Luxemburg, The Netherlands and the UK), were surveyed as part of the project with the purpose to investigate the potential demand for recycled nutrients on EU farms.

Read more [here](#)

Project news

PROLIFIC workshop: Residual Biomasses for Eco-compatible and Sustainable Food Packaging



The Prolific project is organising a two-day workshop which will highlight approaches and projects aiming to produce more sustainable materials, such as biodegradable and bio-based polymers for food packaging. The workshop will be held in Trieste, Italy, on 11-12 September 2019.

More information on the programme and registration [here](#)

Project news

LEX4BIO at the DGT2019, the 6th conference on Diffusive Gradients in Thin Films



The University of Natural Resources and Life Sciences, Vienna (BOKU), partner of the LEX4BIO project, is organising the DGT2019, which will bring together scientists and students from various environmental science disciplines. LEX4BIO coordinator, Kari Ylivainio from Luke will present an abstract of the work performed within the project based on Phosphorus fertilization requirement in Europe.

Read more [here](#)

Project news

New-C-Land: Project call for a marginal land in Wallonia



At the end of 2018, ValBiom, GxABT - ULiège and the city of Charleroi signed an agreement to make an area of 8 ha available on the old mining site of Martinet, with the aim of setting up a project in which vegetable biomass is produced. First in Wallonia, the 3 institutions are now launching their call for project ideas that aim to set up productive landscapes on this site.

More details on the project call can be found [here](#)

Project news

Pilots4U is coming to an end



Now that the Pilots4U project is coming to an end, the project team has built a series of business cases describing possible ways to address the gaps in equipment provision identified throughout the project. To understand the context and purpose of

these business cases, it is necessary to take a step back and review the work leading up to these business cases.

Discover more about the project on the [Pilots4U newsletter](#)

Food for thought...

- MDPI - [Large-Scale Waste Bio-Remediation Using Microalgae Cultivation as a Platform](#)
- Springer Link - [Testing the Waste Based Biorefinery Concept: Pilot Scale Cultivation of Microalgal Species on Spent Anaerobic Digestate Fluids](#)
- Science Direct - [Restoring nutrient circularity: A review of nutrient stock and flow analyses of local agro-food-waste systems](#)

Upcoming events

Save the date!



Algae Tech Conference

4-5 September, Madrid, Spain

Algae are called the green gold of the future as they became a valuable and sustainable feedstock for numerous industries. They are used in production of biofuels, novel food, animal feed, chemicals, materials, cosmetics, biofertilizers or CO₂ utilization. The conference will bring together major stakeholders in order to highlight the latest technical and commercial issues.

[Continue reading](#)



European Biogas Conference 2019

19 September, Brussels, Belgium

The European Biogas Conference 2019 will take place on 19 September in Brussels, Belgium. Every year, this conference provides a platform for discussion on the latest developments of the biogas and biomethane sectors in Europe. In this occasion, it will be celebrated the 10 years anniversary of the association.

[Continue reading](#)



ECOMONDO 2019

5-8 November, Rimini, Italy

ECOMONDO is the benchmark event in Europe for technological and industrial innovation. An international event with an innovative format that brings together all sectors of the circular economy on a single platform: from the recovery of materials and energy to sustainable development.

[Continue reading](#)



ManuREsource 2019

27-29 November, Hasselt, Belgium

ManuREsource is an international conference stimulating the exchange of experiences between regions on the policy measures taken for coping with manure surpluses, both in terms of manure management in a broad sense, and more specifically in terms of manure treatment.

[Continue reading](#)



2019 International Conference on Technical and Engineering Challenges of Addressing Sustainable Development

12-13 December, Seoul, South Korea

Scientists and policy makers will gather to discuss technical and engineering challenges of addressing the 2030 Agenda for Sustainable Development and the 17 Sustainable Development Goals (SDGs).

[Continue reading](#)

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](#)

