



Dear circular economy enthusiasts!

The Biorefine bulletin is back after the summer break. The time has come to put away our summer clothes and head back to the office. September will be a busy month for all and here at Biorefine Cluster we want to help you getting back smoothly with some interesting updates on circular economy.

As you know, we continue to promote our Nutrient Recycling Community and we have put together some of the next steps that will make it happen. On the policy side, you can check the pre-final STRUBIAS report that will help assess certain aspects of the revised fertilizers regulation. To complete your reading, some updates from our project partners, interesting publications and next events.

Happy reading and welcome back!
The Biorefine Cluster Team

BCE

The cluster is getting bigger!



Three new projects have joined the Biorefine Cluster! SusNisia, looking at the improvement of waste management in Greece, Persephone that promotes biogas development in Belgium and Life-ANADRY, which will provide new technologies for wastewater treatment, are now part of the BCE network. We are happy to have you on board joining efforts to promote circular economy! [Learn more about these projects.](#)

Nutrient recycling

First steps of the Nutrient Recycling Community



At the moment, nutrients such as nitrogen and phosphorus, essential to life, are lost along the entire food chain. The introduction of nutrient recycling can change this and boost the bio-economy efforts in the EU. With this idea in mind, the Biorefine Cluster Europe is putting in place the Nutrient Recycling Community. The group is beginning to take shape and we would like to share with you the next steps we are planning to take to build this community.

[Continue reading](#)

Policy news

Waste management standards



The European Commission has set new environmental requirements for waste treatment. This initiative comes after the review of the Best Available Techniques (BATs) to reduce the environmental impact of largest waste treatment installations. The measure will affect approximately 4,000 installations, including waste-based AD plants, across the EU.

[Read more in partnership with the European Biogas Association](#)

Policy news

Updates on the new fertilizers regulation



The Joint Research Centre (JRC) of the European Commission is assessing the existing 3 techno-scientific evidence in view of a possible inclusion of materials containing STRUvite, Blochar, or incineration Ashes (STRUBIAS)1 4 as Component Material Categories (CMC) in the Revised EC Fertiliser Regulation2 5 . This assessment should form the basis for any 6 technical proposals on the requirements that those candidate materials shall comply with.

[Read pre-final STRUBIAS report](#)

Get involved!

- International Autumn school for PhDs and postdocs: [From waste to microalgae: an example of circular economy](#)
- Photo contest by EU Science Hub: [How green is your lab?](#)
- EU Sustainability award: [Apply by 14 September](#)

Project news

Equipping Europe for bio-based innovation: Phos4You scan workshops



By comparing the established database with the survey results, Pilots4U is currently performing a gap analysis to understand where the EU may have over/under capacity and vulnerabilities now and in the near future. These results will be the initial point for discussion during the workshops and the basis for investment business cases to improve and strengthen the European landscape of pilot and demonstration facilities. [Continue reading](#)

Project news

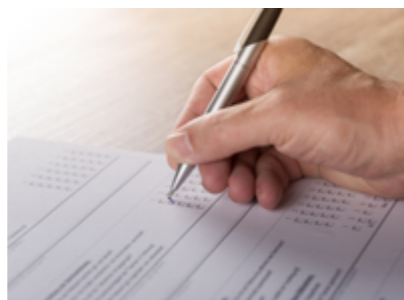
'From side streams to raw material' info day: ReNu2Farm & the Blue Chain



In the framework of the Interreg projects ReNu2Farm and the Blue Chain, Ghent University and Inagro are joining forces to organise the info day 'From side stream to raw material', which will target the region of Flanders in Belgium. This info session will focus on the revalorization of side streams, such as manure, their evolution from costs into revenues and the way to recover nutrients. For further updates, please check [Inagro's website](#). Other regional events have already been held in the Netherlands and Ireland last June as part of the ReNu2Farm project.

Project news

ReNu2Farm survey to map nutrient recycling across Europe



ReNu2Farm project is part of the BCE network. This project is promoting the use of recycled fertilizers by re-using plant nutrients (nitrogen, phosphorus and potassium). As part of the research activities of ReNu2Farm, Ghent University, one of the partners involved, has prepared a survey to map all the installations and organisations involved in nutrients recycling across Europe. If you are one of them, you can provide your valuable contribution by filling in the survey!

[Fill in the survey.](#)

Project news

LIFE ANADRY at SWAT5 conference



The 5th International Conference on Small and Decentralized Water and Wastewater Treatment Plants (SWAT5) took place in Thessaloniki, Greece, from August 26 to August 29, 2018. Life-ANADRY was presented in the conference during the posters session by UT SEMIDE. [Read more.](#)

Project news

Biogas Action final conference



Biogas Action is coming to an end! The final conference of the project will take place on 11 October in Brussels. The project consortia has been looking for 2 years at the opportunities and challenges of the biogas sector in Europe. This will be the occasion to present the results of the project and launch the discussion on the future of biogas in Europe. [Check the details and register here.](#)

Food for thought...

- Systemic project policy note: ["Fertilising products based on animal manure under the Nitrates Directive and Circular Economy"](#)
- European Environment Agency (EEA) [report on circular economy and bioeconomy](#)
- Interreg report on the [effects of interregional cooperation](#)



Global Power & Energy Exhibition (GPEX) | 17 September 2018 Barcelona, Spain

Global Power & Energy Exhibition (GPEX), taking place in Barcelona in September 2018, will showcase the strategies and technologies needed to adapt to the global energy transition. GPEX will bring together the global power and energy community, including government, commercial and industrial power users, gas operators and power producers and distributors. [Continue reading.](#)



2018 European Biosolids & Organic Resources Conference | 13-14 November 2018 Leeds, UK

Attendees will have the opportunity to hear from some of the most high-profile industry experts and learn more about key research in the science and engineering of biosolids and organic resources production and use. [Continue reading](#)

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