

News on biobased resource recovery

[View this email in your browser](#)



Dear circular economy enthusiast,

Before November ends, here we go again to share some interesting updates from the circular economy world!

A new Bulletin is coming fresh from the oven... so let's have a look at all the inspiring news we selected for you!

The BCE is always keen to involve you in some of the most outstanding events related to the domain of biobased resource recovery .. New initiatives are on track, so do not forget to mark your calendar with the next ESNI event, which will be putting nutrient recycling high on the EU circular economy agenda. This second edition will be also interlinked with the Systemic workshop, *Developing a stimulating and harmonised policy framework for biogas based biorefineries*, which will discuss ways to better enable financial viability of nutrient recovery from waste in Europe.

Breaking news and insights from projects of our community will enrich your reading and keep you updated on their last initiatives and results.

Lastly, do not forget to have a look at publications and 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

## Save the date for the next ESNI event



The European Sustainable Nutrient Initiative - ESNI - will be back the next 23 April.

ESNI will provide a comprehensive overview on the opportunities and benefits of nutrient recycling to boost research, agriculture and sustainable development.

This second edition will be also interlinked with the Systemic workshop, *Developing a stimulating and harmonised policy framework for biogas based biorefineries*, which takes place on the 22nd of April.

Stay tuned... more details will come soon!

### Circular economy

## Systemic workshop: Developing a stimulating and harmonised policy framework for biogas based biorefineries



The European Union's Communication on the Circular Economy has recognised nutrient recovery and reuse (NRR) from waste as a crucial element in advancing the Circular Economy.

However, whilst great strides are being made in the development of technology to enable nutrients to be recovered at biogas plants, the financial viability of nutrient recovery remains a major stumbling block to its expansion. This workshop will discuss ways in which European policy frameworks can better enable the financial viability of nutrient recovery from waste in Europe.

More information coming soon..

#### Circular economy

### The 4th edition of the International Conference on manure management & valorisation



From 27 to 28 November 2019, more than 200 participants involved in the manure sector gathered at Hasselt in Belgium to discuss the importance of manure management and valorisation at the European level. The purpose? To demonstrate the importance of nutrient recovery from manure and the transition to a circular, bio-based economy and identifying solutions hampering this transition.

More information and photos will be shared in our next issue!

#### Project news

### Take part in the LEX4BIO survey!



Lex4Bio launched a survey on the availability and use of bio-based fertilizers produced from nutrient-rich side-streams. The aim is to identify new bio-based fertilizers for plant production and to investigate and describe their effects on soil quality and plant growth.

Take the survey [here](#)

Learn more about the project [here](#)

#### Project news

### AgriWasteValue is organising its kick-off event



On Wednesday 11 December 2019, the team of AgriWasteValue invites you to the kick-off event of the project.

The AgriWasteValue project aims to transform agricultural by-products and residues from the European North-West regions into bioactive compounds in order to use them in key industrial sectors such as the cosmetic and nutraceutical fields.

Check the programme and register [here](#)

#### Project news

### Experiments on thermal treatment of sewage sludge / green cuttings at Outotec



In 2011, Outotec has acquired and further developed the AshDec® process to produce a phosphate fertilizer from sewage sludge ash by thermochemical treatment. The purpose is to remove heavy metals from the feed material and to convert the insoluble phosphate species created in the incineration step to highly plant available calcium-sodium/potassium phosphates.

Read more [here](#)

#### Project news

### Several of ALG-AD's partners are converging on Paris this month for the annual AlgaEurope conference



Swansea University, Ghent University, CNRS and UBO are sending delegates to the annual AlgaEurope Conference. "2020 will be the final full year for the project in its current form, and there is much we want to share with agricultural and AD communities about what we've learned and where we go from here. We look forward to a positive and productive conversation", said project manager Louise Hall.

Learn more about the project [here](#)

### Project news

## Olive pomace trials begin at the Spanish Pilot Plant



Now that the equipment is fully installed and commissioned at the Spanish Pilot plant (based at the fruit processing company Indulledia), the first trials have begun using olive pomace waste.

From this waste, Agrimax partners are looking to extract phenolic compounds: antioxidant ingredients, edible coating, natural aromas and fibres for the food and packaging industry.

Learn more and watch the video [here](#)

### Project news

## Phos4You tests an innovative technology for P recovery



As part of the Interreg North West Europe project Phos4You, Glasgow Caledonian University (GCU) and Greenskill Environmental Ltd., in collaboration with Scottish Water, have successfully tested an innovative microalgae technology for phosphorus recovery from wastewater, as part of their focus on technologies adapted to remote, rural and island locations in Scotland.

Read more [here](#)

### Food for thought...

Joint Research center (JRC) - [How soil organic matter composition affects carbon sequestration](#)

### Upcoming events

Save the date!



## 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](#)



## 16th International Conference on Renewable Resources & Biorefineries

3-5 June, Gent, Belgium

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

14-17 September, 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](#)

*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](#)*



[Unsubscribe from this list.](#)