

News on biobased resource recovery

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Dear circular economy enthusiast,

After the short Easter break, we are back on track to present you a new, rich and inspiring issue of our Bulletin!

In this issue, we will be highlighting two sensitive topics, which deserve our attention, today more than ever. Food waste reduction, which has become not only an ethical issue or an economic concern but also a challenge for our environment, and agricultural waste, which can become a valuable resource for the maintenance of soil fertility and crop production.

Still, as usual, projects from our community will be proposing you very interesting updates! You will not only read about relevant project developments, but you will be also informed on events in which you can meet project partners showcasing the achieved results.

And last but not the least, do not forget to take a peek at 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](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)

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## Circular economy

### Food waste reduction: our joint responsibility

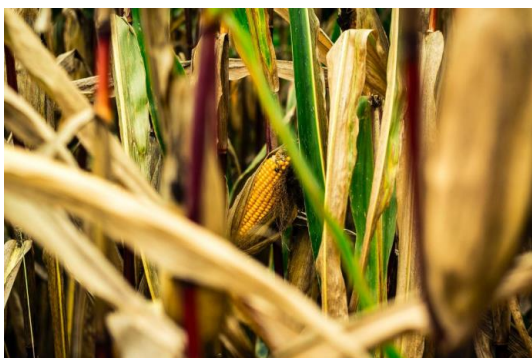


The reduction of food waste has become especially relevant in recent years, when we have started facing the devastating environmental impact and unfair social inequalities linked to unsustainable development. It was in 2015 when the United Nations established 17 new sustainable development goals and included responsible production and consumption as goal number 12 of this list.

Read more [here](#)

## Circular Economy

### Agricultural waste: a valuable resource



The population increase in the last decades has influenced the demand for food products from vegetal and animal origin and has brought with it the consequent industrialisation of agriculture in Europe. We are used to take for granted food availability without excessively questioning the impact of food production in our environment.

Read more [here](#)

#### Get involved!

- [VCM - Vacancy for Expert manure processing and valorisation \(full time\)](#)

## Project news

### Phos4You films portray P recovery options



Phos4You prepared a project video to catch the core of the project. A 3-minute trailer will provide an introduction about the project and will be complemented by short film portraits to explain the different techniques that Phos4You is implementing to recover phosphorus.

Discover more [here](#)

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#### Project news

### Agrocycle: Final stakeholder event



Agrocycle project is reaching its final stage and a large part of activities is about to be completed. The final stakeholder event was held in the Department of Agriculture, Food and the Marine facility in Backweston near Dublin on March 29th with the participation of many relevant companies from the agri-food industry such as PepsiCo, Carbery, IRIS, Manor Farm and many more.

Discover more [here](#)

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#### Project news

### Spring proves productive for ALG-AD project



Two of ALG-AD's three pilot plants have now been commissioned and inoculated for the first time, with the first harvests from the pilots expected some time in April. During several months of hard work, the teams have designed, constructed and commissioned the pilot facilities at each location.

These innovative systems combines large-scale algal cultivation facilities with anaerobic digestion.

Read more [here](#)

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#### Project news

Get the latest from Pilots4U!



Pilots4U project is creating a Europe-wide map of all pilot and demonstration infrastructures that are open access: equipment ready to scale up at the fingertips of each entrepreneur. The Pilots4U database allows the entrepreneur to look for pilot facilities close-by or for facilities specialised in certain bio-economy disciplines.

Read more [here](#)

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#### Project news

### Grassification at the Interreg2Seas MidTerm Event



Grassification will be presented during the Interreg2Seas MidTerm event, which will take place today and tomorrow, in Gent. Grassification will take part in the thematic discussion on adopting more sustainable solutions for a better use of resources. During the event, the project will be showcasing its achievements.

Discover more on the project [here](#)

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### Food for thought...

- Joint Research Center (JRC) - [Measuring pollutants in Europe's water resources](#)
- Bioresource Tehcnology - [Influence of liquid-to-biogas ratio and alkalinity on the biogas upgrading performance in a demo scale algal-bacterial photobioreactor](#)
- Science Direct - [Production and performance of bio-based mineral fertilizers from agricultural waste using ammonia \(stripping-\) Scrubbing technology](#)

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#### Upcoming events

Save the date!



## **IDSA - Les Intrants Durables au Service des sols Agricoles, urbains et périurbains**

**14-16 May, Paris, France**

The event will offer the chance to professionals from different backgrounds to exchange objectively on this subject. Its focus will be made on specific products, including sludge composts, biochars, struvites and other mineral products derived from biomass, digestate and humic substances.

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## **27th European Biomass Conference & Exhibition**

**27-30 May, Lisbon, Portugal**

The conference will address topics from biomass to bioliquids and biofuels for heat and electricity, transport and biobased products. It will cover all aspects of each value chain, from supply and logistics to conversion technologies, from industrial application of research results to impacts on the environment, from market and trade aspects to policy strategies.

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## **EU Green week event: Waste management and Environmental Sustainability in EU- think green everyday**

**6 June, Brussels, Belgium**

This conference represents an opportunity to get informed on current legislation related to biowaste and its implementation across EU; assist to case studies on available projects about innovative approach to biowaste management; to create an open discussion on challenges faced for a sustainable



development. [Grassification](#) and [Agrimax](#) will be taking part in the debate.

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## **Circular Bioeconomy Days 2019** **25-27 June, Aarhus, Denmark**

How can companies and agriculture enter into a circular bioeconomy, and how do we ensure that its further development will be of value to industry and society? These questions are the focal points of the conference to be held from 25 to 27 June 2019 at Aarhus University in Foulum.

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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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