



Dear circular economy enthusiast,

We are back with a new interesting issue of our Bulletin to inspire your readings during these summer days.

In this issue, we will discuss with Francesca Ostuzzi, PhD in Industrial design Engineering Technology, how the designer thinking can be integrated in the circular economy and produce more value. We will also provide you with a highlight on the Nutri2Cycle Summer School, which will offer an overview of the potential, technologies and applications of recycled fertilisers to move towards a more carbon and nutrient efficient agriculture in Europe. And that's not all.. We will bring you with us on the field to let you discover experiments and results from project activities.

Insights and breaking news from our projects will enrich your reading and will keep you updated on the achievements of our growing community. And last but not the least, do not forget to have a look at the interesting publications we chose for 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)

**Circular Economy**

**The BCE community is growing**



We are very happy to welcome [LEX4BIO](#) and [PhytoSUDOE](#) in our community!

Discover more on these projects on our website..

### Circular economy

## A talk with Francesca Ostuzzi



How designers can help to restore the planet, ensuring that products can fit in a circular economy process?

We met Francesca Ostuzzi, PhD in Industrial design Engineering Technology and Assistant, to discuss how the creative process of designers can produce more value.

Interested? Read the entire interview [here](#)

### Circular economy

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



A 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 more [here](#)

### Circular economy

## The PhytoSUDOE project candidate for REGIOSTARS 2019



PhytoSUDOE will demonstrate that the implementation of appropriate phytomanagement can provide or restore vital ecosystem services from contaminated soils under a broad range of pollutants, environmental conditions and land uses.

If you like the concept you can upvote for Regiostar 2019, the annual competition rewarding excellence and new approaches in regional development.

Vote [here](#)

### Research in Action

## An 800-litre photobioreactor installed at INNOLAB premises as part of the ALG-AD project



An 800-litre photobioreactor was installed at INNOLAB premises, Oostkamp (Belgium), as part of the Investment site 3 of the ongoing Interreg NWE project ALG-AD. The first phase of construction and water testing was successfully completed during the third week of June.

Read more [here](#)

### Get involved!

- [Associate Professor position \(tenured\) in Soil Biological Fertility](#)

### Project news

## Glasgow Caledonian University hosted European partnership and showcased innovative P recovery procedure with microalgae



The 5<sup>th</sup> Phos4You working group meeting was filled up with intense work. The first day focused on the quality assessment of the products evolving from the Phos4You demonstrators. The University of Ghent was leading the activity. On the second day experts from Scottish Water provided an insight into the Scottish setting.

More information [here](#)

#### Project news

### ReNu2Farm in Ireland's largest environmental conference, Environ 2019



Environ is the largest environmental conference occurring annually in Ireland and is a collaboration between the Environmental Sciences Association of Ireland and a third level education organisation that undertakes its hosting. This year's Environ was hosted by a ReNu2Farm partner, the Institute of Technology Carlow, between 15<sup>th</sup> and 17<sup>th</sup> of April, to occur in tandem with the ReNu2Farm project partner and progress meeting.

Read more [here](#)

#### Project news

### ALG-AD project embraces opportunities for students offered by Erasmus programme



Over the past year the EU Interreg NWE funded ALG-AD project has offered placements to three students under the Erasmus student exchange programme. The Erasmus programme is designed to enable students to gain valuable international experience, either by studying part of their degree abroad, or undertaking a

work placement.

Read more [here](#)

#### Project news

**In the food and packaging supply chain? Tell the Agrimax project your thoughts on using bio-based products.**



Food ingredients and packaging additives can be extracted from by-products and unavoidable wastes for the agrifood production chain. If you are in this supply chain, the Agrimax would like to find out your thoughts on using such compounds.

Take around 10 minutes to complete the [survey](#) It will be open until the 30th June.

#### Project news

**Pocket Power visiting two innovative monodigesters on onion residues and on pig slurry**

**Pocket Power**

In Flanders, residual flows such as manure and vegetable residues (leek residues, onion peels, etc.) are usually stored and then carried out on the land without further processing. Small-scale anaerobic digestion of these flows can offer opportunities to extract energy from them.

Read more [here](#)

#### Project news

**Life-ANADRY published its Layman Report**



The Life-ANADRY project, "Dry anaerobic digestion as an alternative management & treatment solution for sewage sludge" has successfully implemented its technology in Murcia (Spain). The main purpose of Life-ANADRY project was to determine the feasibility of an innovative solution which contributes to solve the problems facing the

EU in the waste-water treatment and the sewage sludge sector.

Read the Layman Report [here](#)

## Food for thought...

- European Environmental Agency - [Adaptation challenges and opportunities for the European energy system](#)

### Upcoming events

#### Save the date!



## Algae Tech

4-5 September, Madrid, Spain

Algae are called the green gold of the future as they become 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](#)



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

December 12-13, 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](#)*

