



Dear circular economy enthusiast!

We are very proud to announce that [Biorefine Cluster Europe](#) every month is welcoming new partners to the community, supported innovative projects, workshops, international events and collaborations. Currently we keep our efforts on broadening our Nutrient Recycling Community to which everyone can actively participate and [register now](#).

This month we present topics on new approaches for the valorisation of bio waste as well as innovative initiatives regarding nutrient recovery and recycling process towards commercialisation. Regarding the latter, you will find [news](#) over an ongoing update of the Nitrates Directive to brake barriers of nutrients recovered from manure.

Also we are announcing up-coming events and interesting job positions in different areas.

Kind regards,  
The Biorefine Cluster Team

## Resource Recovery

### A closer look to the SYSTEMIC project and outreach locations



SYSTEMIC project focuses on several technologies on resource recovery from bio-waste by means of five European demonstration biogas plants operating at full scale.

Next to this, eleven large-sized anaerobic digester plants, selected as outreach locations, are strongly interested in opportunities for Nutrient Recovery and Recycling (NRR). The aim is to find out sustainable and profitable ways to prepare their business for the future.

Check out the fact sheets here:

[Demonstration Biogas Plants](#)

[Outreach Locations](#)

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## Bio-based Innovation

### Horizon Scan Workshop



Pilots4U has set up one easily accessible [database](#) of open-access pilot and demonstration infrastructure for the European bioeconomy.

Based on online surveys Pilots4U will carry out a gap analysis to understand the current and future capacities and vulnerabilities of bio-based, biorefinery or biotechnology processes in the EU.

[Interactive workshops](#) will highlight the different opportunities to improve service delivery and interconnection between open-access facilities.

Interested to join the [workshops](#) taking place in [Italy](#), [France](#) and [Finland](#)? [Register now](#) and follow them via satellite.

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#### Bio-based Innovation

Biogas infrastructure survey – your input wanted to boost process commercialisation



[Pilots4U](#) is a BBI-H2020 project that aims to set up a solid network of open access pilot and multi-purpose demo infrastructures to strengthen the European bio-economy.

The [Biorefine Cluster Europe](#) takes on the task of gathering open access infrastructure data in the field of anaerobic digestion (AD).

Do you dispose of open-access AD equipment and/or infrastructure to facilitate scaling-up a biogas innovation process to commercialisation? Take **1 minute** to provide us with your company information to set-up a comprehensive AD data base. Fill in the survey [here](#).

Your much needed input will be highly appreciated!

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#### Biogas and biomethane production

Biogas Action consortium meets to discuss the last project steps !



[Biogas Action](#) aims the development of the European biogas sector and the increase of biogas and biomethane production through the ease of non-technical barriers in line with the EU 2020 targets.

[EBA](#) is part of the project consortium that gathered last week in Croatia to share the outcomes in the different [regions involved](#). The meeting was hosted by [Energy Institute Hrvoje Pozar – EIHP](#). Different core

interventions and their replication activities in other areas were evaluated. Also, the update of the [online toolbox](#) was planned. A final booklet summarising the project objectives, achievements and recommendations for the successful implementation of biogas across Europe will be disseminated the **11th October in Brussels**. Stay tuned and check the news on the [project website](#)!

## We are hiring!

- [Business Developer](#)

We are looking for a full-time business developer for the End-of-Waste community, working from Ghent University (Belgium). Willing to know more? Check the link by clicking [here](#)!

- [Communication officer \(EBA\)](#)

We are seeking an enthusiastic and motivated communication expert to join the EBA office in Brussels and support the BioRefine Cluster Europe activities on an occasional basis. The job forms a bridge between a European association on one hand and a leading research institute on the other. Download [full description](#) to know how your profile can fit EBA!

## Interested in research - industry collaboration?

- [PhD Position \(Ghent University, 4y\)](#)

Bioresource recovery from grass wastes retrieved from road side management. For full explanation on how to apply, see click this [link](#)!

- [Postdoc Position \(Ghent University, 2,5 y\)](#)

Bioresource recovery from grass wastes retrieved from road side management. For full explanation on how to apply, see the following [document](#).

## Manure valorisation

### Towards End-of-Manure status to refined products



On May 30, [Biorefine Cluster Europe](#) (BCE) together with its member projects [AGROCYCLE](#) and [SYSTEMIC](#) organized a policy event with, and, for the European Commission to assist one of their internal assessment process called SAFEMANURE. The aim is to define the conditions that are required for animal manure to leave its legal waste / manure status. Many [BCE projects](#) joined the debate (PHOS4YOU, RENU2FARM, NUTRI2CYCLE, NUTRIMAN, etc.)

European projects dealing with manure valorisation want to maximise the potential of the 1,8 billion tons of manure that are annually produced in Europe. For the full policy brief resulting from the workshop see [here](#).

## Nutrient recycling

### To the moon and back - EU mission statement on nutrient recycling



Also on May 30, the [Biorefine Cluster Europe](#) (BCE) hosted for a workshop organized by the European Commission to explore the potential of defining Nutrient Recycling as a research mission for the upcoming Framework Programme 9 ([FP9-Horizon Europe](#)).

The Commission intends to develop the new programme by following a mission-oriented approach, as proposed by the [Mazzucato report](#), and will set larger societal targets over a longer time horizon, much like the “mission to the moon”. This is an inclusive and expansive mission in which everyone can join!

The BCE and its partners will draft a Memorandum of Understanding considering the scope of a potential research mission under FP9. At the end of this year the BCE will host an event in Brussels in which all potential stakeholders will contribute and so do you. So, stay tuned, and check our [news](#)!

## Communication Dissemination Booster

### Nutrient Recycle Community



Nutrient Recycling Community as part of [Biorefine Cluster Europe](#) has set a Common Dissemination Booster (CDB) on Nutrient Recycling. This open and free of charge IT tool of the European Commission boosts 'project together' cooperation.

The CDB provides expert guidance, creation of a service portfolio of thematic projects, joint communication efforts and deliverables. This month we work on enlarging the community with new members from the cluster.

[Interested to join the group?](#) Please contact Angela via email ([angela.sainzarnau@ugent.be](mailto:angela.sainzarnau@ugent.be)) and do not hesitate on sending us content of interest for the community. We will publish it on our [website](#) under the [publication](#) section.

## Discover European projects near you

Are you a project carrier you want more publicity for your project?

A competition is organized in the context of the [#EUInMyRegion campaign](#).

What does it consist of?

The carriers of projects funded by the European Union are invited to mobilise their communities to take pictures of their projects and send them to [info@euinmyregion.eu](mailto:info@euinmyregion.eu)



What is there to win for the projects?

The 30 laureate photos will be collected in a traveling exhibition that will travel all over Europe!

Moreover, with the best photos, several hundred postcards will be made and printed by the European Commission.

Deadline for submitting your photos: 31 August 2018

More

info: [http://ec.europa.eu/regional\\_policy/nl/policy/communication/euinmyregion](http://ec.europa.eu/regional_policy/nl/policy/communication/euinmyregion)

## Highlighted publications and news

- 14th International Conference on Renewable Resources and Biorefineries (RRB-14) - Ghent (Belgium)

From the 30th May till 1st June, 240 participants, among scientists, delegates from industry, governmental and non-governmental organizations from 30 countries discussed over industrial biotechnology, sustainable (green) chemistry and agricultural policy. The use of renewable raw materials for non-food applications and biorefineries were of main interest to support the biobased economy and new developments in this area.

During this conference two [Biorefine Cluster Europe projects](#) kicked off ([ALG-AD](#) and [RENU2FARM](#)). [Interested](#), but you couldn't join this opportunity? Don't worry next edition will take place in Toulouse, France 3 -5 June 2019.

- The SYSTEMIC network of biogas plants has still more room for biogas plants

Interested in opportunities, nutrient recovery and recycling technologies as well as networking with other plant owners and scientific partners. [Subscribe](#) as an associate plant and find out how could you be involved in SYSTEMIC.

- News bulletins

Did you miss reading any of the [Biorefine Cluster Europe](#) news bulletins or you want to see them again? Don't worry you can find them all [here](#)!

## Upcoming partner events: save the date!



Pilots4U Horizon Scan Workshops  
Three different workshops will be organised in Italy, France and Finland.

1. 26.09.2018, 13:00 - 18:00, Turin, Italy, Satellite event of [FIB 2018](#), stay up to date with the workshop [here](#).
2. 16.10.2018, 13:00 - 18:00, Toulouse, France, Satellite event of [EFIB 2018](#), stay up to date with the workshop [here](#).
3. 22.10.2018, 13:00 - 18:00, Espoo, Finland, Satellite event of [NWBC 2018](#), stay up to date with the workshop [here](#).

For more information, please contact Andrea Muñoz-Garcia: [a.munoz-garcia@nnfcc.co.uk](mailto:a.munoz-garcia@nnfcc.co.uk) or go to [www.BioPilots4U.eu](http://www.BioPilots4U.eu).

[AGRIFORVALOR](#) event: Potential of Biomass Sidestreams for a Sustainable Bioeconomy | 06.07.2018 | Brussels - Belgium

Registration is mandatory but [participation](#) is free of charge

Registration link: [https://events.steinbeis-europa.de/index.php5?dev\\_id=1821&en](https://events.steinbeis-europa.de/index.php5?dev_id=1821&en)

Programme link: [https://www.steinbeis-europa.de/files/agenda\\_potential-of-biomass-sidestreams.pdf](https://www.steinbeis-europa.de/files/agenda_potential-of-biomass-sidestreams.pdf)

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