

Dear reader,

In compliance with the General Data Protection Regulation ([GDPR](#)), we would like to inform you that the Biorefine Cluster Europe collects and processes your data to keep you updated on biobased resource recovery issues. The data we collected may include: your organisation's name, your job title, your first name, your last name and your email address. Please note that we will not share or sell this information with third parties. You have the right to consult, correct or remove any of your personal data that is in our possession at any moment. Should you wish to do so, please contact us at info@biorefine.eu



Dear circular economy enthusiast!

[Biorefine Cluster Europe](#) continues enlarging its impact and attention! This month we welcome new partners to the community.

May presents an extended overview of how far Biorefine community has reached. Our continuous interest on recycling / re-use / recovery of waste, biomass conversion processes and circular economy have strengthened ties not only with EU partners but also Korea!

However, this is not the end, our efforts will continue to create international bridges. This month, our new communication member joined to the working team to help us reach further partners collaborations and projects. In the near future, we expect more partnerships such as joint PhD's, support to international events and integration to more EU projects. So keep attentive to our news and [website](#) to see our achievements and what is about to come!

Kind regards,

The Biorefine Cluster Team

Bio-based industries

Agrimax joins the BioRefine cluster



[Agrimax](#), now part of the [Biorefine Cluster Europe](#) is an EU-funded project that is developing and demonstrating the production of multiple, high-value products from crop and food-processing waste. The project aims to maximise the EU's sustainability, while providing new bio-based compounds for the food, packaging and farming sectors. [Want to know more about it?](#)

Circular Economy

Grassification successfully launched !



The [INTERREG 2-SEAS](#) project [GRASSIFICATION](#) successfully took off in Ghent on May 22-23. Partners from UK, Belgium (Flanders) and the Netherlands will be investigating the potential of roadside grass to produce biomaterials, fertilisers and energy. Biocomposites will be produced for new biobased products (benches, tables, poles, boxes,...). The resulting press liquids will be assessed as a source of nutrient recycling. Finally, the renewable energy potential of bulk grass streams which upon investigation are deemed of insufficient quality to upcycle to materials, will be investigated.

[Find out more on...](#)

Circular Economy

The potential of green gas during the EU Green Week



The [EU Green Week 2018](#) was an excellent occasion to analyse the implications and opportunities to reduce energy dependence on fossil fuels, achieve climate targets, and boost circular economy.

This 24th May during the workshop “Greening the gas grid for sustainable cities and communities” [Biorefine Cluster Europe](#) in cooperation with [EBA](#), [EUBIA](#) and associated partners discussed these issues. Different projects in place to unlock the potential of green the gas grid using biomethane or biogas, were presented.

[Interested about the outcome?...](#)

Developing triple helix communities in the biobased economy

[Biorefine Cluster Europe](#) is now working on the development of two new community groups **Biogas** and **Nutrient recycling communities**. This latter has to set a **Common Dissemination Booster (CDB)**. Meaning that **soon** an open and free of charge IT tool of the European Commission will be available to boost project cooperation on nutrient recycling.

The **CDB** encourages ‘project Group’ and provides:

- Expert guidance
- Creation of a Service portfolio of thematic projects
- Joint communication efforts
- Joint deliverables
- Exploitation opportunities

International collaboration

Ghent university Global Campus in South Korea



[Ghent university Global Campus \(GUGC\)](#) in South-Korea in the Songdo area is an internationalization project. More than 250 students are enrolled in 4 year bachelor programs in molecular biotechnology, environmental technology and food technology. Ground breaking research goes on plant biotechnology, bio-informatics, green chemistry, biomedical research and environmental technology.

Guido Van Huylenbroeck, Director of Internationalization, and Taejun Han, deputy-president GUGC look forward to **increase of the number of students**. For any questions or more information, please contact them through Guido.VanHuylenbroeck@UGent.be or + 32 497 06 89 30 and Taejun.Han@ghent.ac.kr

International Collaboration

Korea Biochar Research Center



Full time [Prof. Yong Sik Ok](#) of [Korea University](#), director of the **Korea Biochar Research Center**, guest professor at [Ghent University](#), and chairman at [BEEM 2018\(Korea\)](#) and [CLEAR 2018](#) (Hong Kong) will further strengthen the ties with Europe via the **BioRefine Cluster Europe** and joint PhD's in the near future.

The [Korea Biochar Research Center](#), as an associate partner of the **International Master of Science in Environmental Technology and Engineering (IMETE)** at Ghent University since 2015, promises a good cross-over with the biorefineries and circular economy concepts.

International Collaboration

Double degree programme - EU & South Korea



The [EKAFFREE](#) master course programme, is a **2 year-academic programme** that offers top students the opportunity to get a double degree **on rural development and agricultural (food) economics**. This programme is jointly organised by 5 European and 3 South Korean leading universities. It combines **basic and specialised training** in technical, economic and social sciences, a **case study** of one month, an individual **master dissertation** and **scholar mobility**.

APPLICATIONS ARE OPEN!

Consult [this webpage](#) for more information

Contact applications.itc@ugent.be for information and support during your application process

2nd International Conference on Bioresources, Energy, Environment, and Materials Technology (BEEM 2018)

This conference, specifically designed to stimulate new research activities in the **technological fields of bioresources, energy, environment, and materials**, invites you to participate! You could participate in the process of knowledge share with eminent researchers through active discussions, networking and collaboration.

The venue is in Daemyung Resort Vivaldi Park in the mountainous village of Hongcheon, Gangwon Province, Korea. This June, from the 10 till 13, 2018.

Don't miss the chance of this occasion. The BEEM 2018 Conference is the only regionally specialized convention supported by both the federal and provincial governments.

You could contact the secretariat anytime with your inquiries (beem2018@beem2018.org). Check more [info](#) and feel free to [register](#).

Upcoming partner events: save the date!



14th International Conference on Renewable Resources and Biorefineries (RRB-14) | 30-31.May.2018 | Ghent, Belgium

[Event info](#)

3rd European Sustainable Phosphorus Conference 2018 (ESPC3) | 11-13.June.2018 | Helsinki, Finland

[Event info](#)

2nd International Conference on Bioresources, Energy, Environment, and Materials Technology (BEEM2018) | 10-13.June.2018 | Gangwon-do, Korea

[Event info](#)

[A special issue in Bioresource technology \(BITE\) on Nutrient Recycling](#)

The call is open! We welcome you to submit your paper! [BITE Special Issue on 'Nutrient Recycling Promoting the Circular Economy'](#)



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