



Dear circular economy enthusiast,

Time is coming to release our new bulletin and to provide you with the most interesting news of the month from the circular economy world!

In this issue, you will read about the EU new Bioeconomy Strategy and the concrete measures to maximise its impact in line with the priorities set out in the Renewed Industrial Policy, the Circular Economy Action Plan and the Clean Energy for all Europeans Package. Our attention also turned to soil protection as significant part of the circular economy and progress to tackling its contamination.

But that's not all! We bring you breaking news from projects of our community to keep you updated on the latest developments and results achieved. And to make your reading even more interesting, you will also find information about upcoming events, call for abstracts and open job positions!

We wish you a pleasant reading!

The BCE Team

Our latest updates will be waiting for you at @Bioref_Cluster and www.biorefine.eu. See you there!

You wish to share any news with us? Get in touch! info@biorefine.eu

Policy news

A new bioeconomy strategy to boost growth and investment in EU!

On 11th October, the European Commission unveiled an Action Plan to develop a sustainable and circular bioeconomy. The document reflects the conclusions of the Review of the 2012



European Bioeconomy Strategy and it is aimed at refocussing the scope of the Action in order to accelerate the bioeconomy deployment in Europe and to maximise its contribution towards the 2030 Agenda and its Sustainable Development Goals (SDGs), as well as the Paris Agreement.

[Continue reading](#)

Policy news

European countries tackling soil contamination



Soils are the foundation of our food system and the basis for many ecological processes. The Seventh EU Environment Action Programme recognises that soil degradation is a serious challenge and commits Member States to intensify their efforts to reduce soil erosion, increase soil organic matter and remediate contaminated sites. In a recent study, the JRC (Joint Research Centre) found out that since 2011, over 5.000 new sites are under remediation or risk-reduction measures. Nevertheless, as countries adopt a different management approach, prevention and remediation still remain a work in progress.

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Nutrient Recycling

ESNI 2019 conference



The Biorefine Cluster Europe, together with other partners, is involved in the organisation of the first edition of the ESNI conference (European Sustainable Nutrients Initiative), that will take place on 22 January in Brussels.

This conference is aimed at promoting the importance of nutrient recycling on circular economy. Closing nutrient cycles can provide substantial benefits for EU citizens and their environment and generate major new economic value.

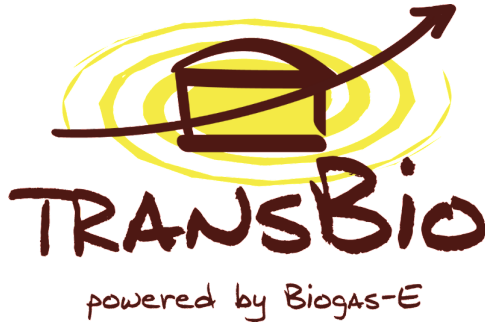
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Get involved!

- [Call for abstracts - 5th European Conference on Sludge Management, ECSM'2019](#), organised by ULiege in support with [Phos4You Interreg project](#)
- Vacancy: [Postdoctoral Researcher For research coordination on nutrient recovery](#)

Project news

Biomethane potential of Flanders



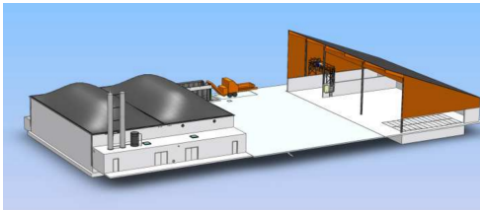
Ever wondered about the biomethane potential in Flanders? Biogas-E calculated, as part of the TransBio-project, the production potential of biomethane from anaerobic digestion. Based on a maximum supply of biomass residues available in Flanders, it is estimated that biomethane could account for approximately 8.75% of the current gas demand. By 2030, this share will drop to 7% due to the phase out of nuclear energy in Belgium.

The study indicates that biomethane can play an important role in the decarbonisation of the gas supply in Flanders.

The full report in dutch is available [here](#)

Project news

Excursion TransBio/Pocket Power: a collective manure digester with injection into gas network



On November 27th 2018 a visit to Biogaz Pévèle in France is organized by Biogas-E and Inagro as part of the projects TransBio and Pocket Power. Biogaz Pévèle is a collaboration between seven farmers. The farmers deliver manure and other residual input streams to the installation and receive digestate in return. The digester is a dry thermophilic solid fermenter, the biogas is upgraded and injected into the gas grid. The tour is given in French. Participation is free but registration is required.

Registration and programme [here](#)

Project news

4th Phos4You working group meeting in Rotterdam

The Phos4You partnership met for 2 days in Rotterdam to further proceed with the

activities of the Working Group. On the first day, experts from Netherlands, Switzerland and Germany presented and discussed the different regional approaches concerning sewage sludge management. The second day focussed on circular economy and especially on the integration of recovered phosphorus materials in the value chains. Keynote speeches from the Dutch Nutrient Platform, Fertilizers Europe and Bioland e.V., a leading association for organic farming in Germany, met the interest of about 50 participating experts in nutrient recycling. One of the meeting's highlights was the visit of the mono-incineration plant of HVC in Dordrecht.

Read more [here](#)

Project news

AGRIMAX at the Food Waste Net event



On 12th-13th November, the Food Waste Net conference will be taking place at Nottingham, UK. The event is aimed at gathering together industrial and academic researchers interested in valorising unavoidable wastes from food crops. Speakers will offer an overview of economic, ethical, social and environmental impacting on the decision to valorise food wastes. AGRIMAX researchers will be giving a presentation during the conference.

[Check the details and register here](#)

Project news

Biogas Action final conference - Unlocking the potential of biogas for the energy transition



The final conference the BiogasAction project took place on 11th October in Brussels in the framework of the European Week of the Regions and Cities. It gathered together numerous biogas stakeholders to discuss the current role of biogas on EU energy and environmental targets, as well as to present the positive developments on biogas valorisation in the different regions targeted by this project.

[Read here the press release](#)

Project news

Pilots4U database for scaling up innovative processes



Are you looking for faster, better and cheaper ways to scale-up your innovative process from lab to industrial scale?

The Pilots4U database already contains 353 equipment entries from 99 organisations located in 19 countries. The technology areas covered by the database are: Algae cultivation and harvesting, Anaerobic digestion, Chemical processing, Industrial biotechnology, Material technologies, Mechanical separations, Physicochemical separations, Pre-treatment, Pulping and Thermochemical conversions.

Search the database for free by clicking [here](#)

Food for thought...

- European Environment Agency (EEA) [Land system at European level - analytical assessment framework](#)

Upcoming events

Save the date!



Pitch perfect and boost the European Bioeconomy

7 November, Brussels, Belgium

The 'Pitch perfect and boost the European Bioeconomy' event is a one-day event completely dedicated to cross-border matchmaking and networking. It is aimed at creating new partnerships for the further development of innovative, cross-border and cross-sectoral industrial value chains in the bio-based economy. An exhibition area is foreseen and reserved for large enterprises, funding agencies, clusters, SME helpdesks and other innovation-related organisations.

[Continue reading](#)



5th Biorizon Annual Event on Bio-aromatics

14-15 November, 's Hertogenbosch, Netherlands

Latest progress in the field of bio-aromatics will be discussed with a variety of

stakeholders, such as large industry, SMEs and RTOs in order to create new collaboration and accelerate bio-based business together.

Further information and registration [here](#)



G-STIC 2018

28-30 November, Brussels, Belgium

This three-days conference is aimed at accelerating the deployment of innovative and integrated technological solutions contributing to the achievement of the SDGs. G-STIC 2018 will focus on key policy levers that can bring integrated solutions to market and will offer the chance to showcase market-ready solutions related to the themes of the conference.

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