

News on biobased resource recovery

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Dear circular economy enthusiast,

After the summer break, we are back on track with a new issue of our Bulletin, gathering some relevant news from the circular economy world!

While our community is growing, new initiatives are there to get you involved in interesting debates on bio-based resource recovery.

The BCE is organising its second webinar focused on sustainable water treatment. During the event, projects of our community will present and discuss their activities, progress and outcomes.

More than this, do not forget that the Alg-AD and ReNu2Farm final showcase is just around the corner! So do not miss the opportunity to know more about how these projects are contributing to implement the circular economy in the North West Europe!

Lastly, breaking news on projects from our community will keep you informed on their latest progress and results. And to make your reading even more interesting, do not forget to take a peek at the publications and the upcoming events we chose for you!

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

BCE community

The BCE community is growing!



The Biorefine Cluster Europe is happy to welcoming PIGergy and GasAbate N+ in its network.

[PIGergy](#) aspires to close-the-loop in the swine industry, recycling bio-waste through innovative pathways of treatment to significantly reduce greenhouse gas (GHG) emissions and to generate renewable energy.

[GasAbate N+](#) proposes an additive technology to prevent greenhouse gas emissions and to enhance the fertiliser and bioeconomy feedstock value of animal manures and slurries.

Project news

BCE webinar on Sustainable Water Treatment



The Biorefine Cluster Europe is pleased to invite you to its second webinar, which will be held on Monday 27 September from 14:00 to 16:00 CET!

Phos4You, SCALIBUR, SABANA and Run4Life, members of our community, are gathering together to present their work and outcomes on sustainable water treatment.

Check the programme and register [here](#)

Project news

Alg-AD and ReNu2Farm showcase event. Circular Bioeconomy: production of recycling-derived fertilisers and algal biomass



Alg-AD and ReNu2Farm are pleased to invite you to their showcase event on 'Circular Bioeconomy: production of recycling-derived fertilisers and algal biomass', which will be held on 9 September 2021 in the morning. During the event, both projects will present their vision, approach and solutions implemented to valorize nutrients from organic waste streams. Challenges and results will be discussed as well as the impact of the projects and their potential transferability to other sectors.

Read more [here](#)

Project news

Prolific publishes two new publications!



Two new scientific papers related to the results of PROLIFIC have been recently published.

The first paper, titled '[Monomers, Materials and Energy from Coffee By-Products: A Review](#)', analyzes the reasons why coffee waste can be considered a valuable source in recycling strategies for the sustainable production of bio-based chemicals, materials, and fuels.

The second paper '[Targeting the Nutritional Value of Proteins From Legumes By-Products Through Mild Extraction Technologies](#)', tackles the Legume by-

products that PROLIFIC examines, and focuses on their nutritional value.

Project news

National stakeholder event in Denmark



The University of Copenhagen (UCPH), partner in both the Nutri2Cycle and the LEX4BIO EU-H2020 projects, recently organized a joint dissemination event for stakeholders in Denmark in collaboration with the agricultural organisation SEGES (the Danish National Agricultural Advisory and R&D center). The event included professionals and stakeholders with interest and responsibilities in fertilisers, fertilisation strategies and related technologies.

Read more [here](#)

Project news

Phos4You final conference



The European project "Phos4You" has investigated different technologies and pathways to recover and recycle phosphorus from wastewater, sewage sludge and sewage sludge ashes. Twelve partners from seven countries in the EU and Switzerland have joined forces for the Interreg VB North-West Europe project under the lead of the German water board Lippeverband.

Now the Phos4You partnership proudly presents and discusses the main project's results at its final conference on 22. – 23.

September 2021 in Essen, Germany and online.

Please find programme details and registration options [here](#)

Project news

Grass2Algae – progress from the first half of the project!



Grass2Algae is an Operational Group funded by the Flemish Department of Agricultural and Fisheries with the aim of creating value from waste grass from farms, i.e., clippings from the edges of fields or with too low quality for feed purposes. For that, Grass2Algae proposes a first pressing step to separate the juice from the fibers. The fibers can then be used as an input for anaerobic digestion or be sold as a feedstock for the production of biomaterials. And the juice can be used for producing microalgae!

Learn more [here](#)

Project news

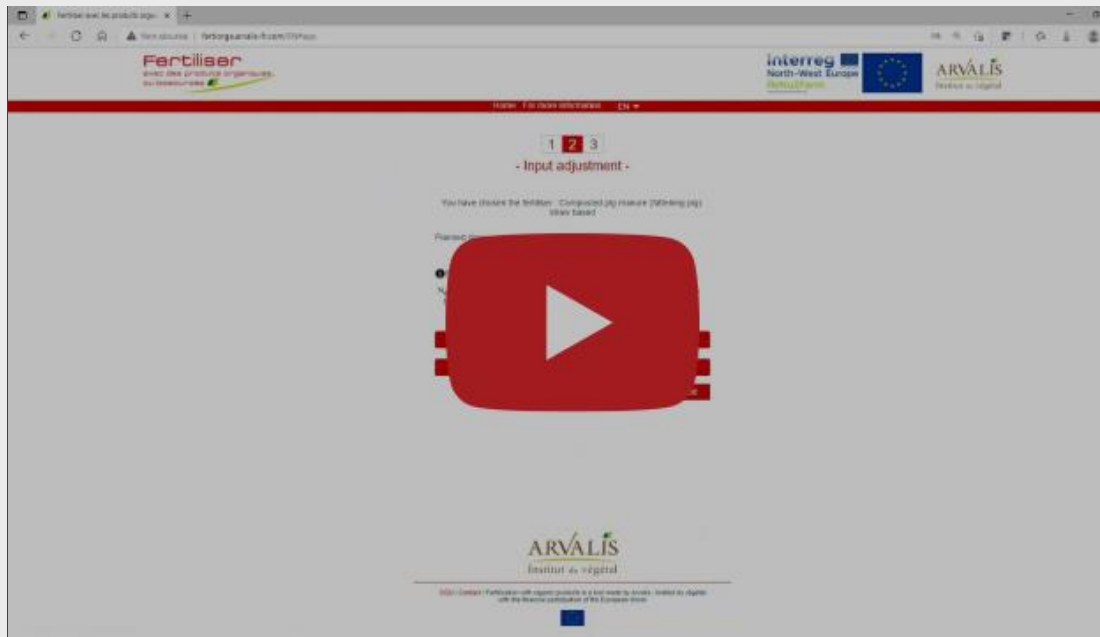
Grassification at the Natural Fibertastic 2021



The fifth edition of the Natural Fibertastic will take place on 30 September in the Netherlands.

This time, Grassification will join the event to discuss the feasibility of producing different building materials and landscape infrastructures from grass fibres.

Register [here](#)



ReNu2Farm - Educational tool - Decision support tool tutorial (English sub.)

Food for thought..

[Science Direct - Thermophilic \(55 °C\) and hyper-thermophilic \(70 °C\) anaerobic digestion as novel treatment technologies for concentrated black water - Run4Life project](#)

Upcoming events

Save the date!



RRB 2021 - Renewable Resources and Biorefineries 2021

6-8 September 2021, Aveiro, Portugal

The 17th edition of the International Conference on Renewable Resources & Biorefineries will take place in Aveiro, Portugal from Monday 6 Sept until Wednesday 8 Sept, 2021. Delegates from university, industry, governmental and non-governmental organizations and venture capital providers will present their views on industrial biotechnology, sustainable

(green) chemistry and agricultural policy related to the use of renewable raw materials for non-food applications and energy supply.

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EBA Biogas Lab Webinar (4): Performing biogas feedstocks in a climate-neutral economy

23 September 2021, online

The EBA is delighted to invite you to the 4th session of the Biogas Lab online webinar series, which will take place on Thursday 23 September 2021 from 14:00 to 15:30 CEST. For the 1st time, 'Biogas Lab' becomes an open and free of charge event for all participants, so don't miss the opportunity to get acquainted with the latest innovation trends in our industry.

This time, we will discover 'Performing Biogas Feedstocks in a Climate-Neutral Economy'.

The webinar will showcase innovative feedstocks and feedstock treatment methods for sustainable and more efficient biogas production.

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Nature Conference - Waste Management and Valorisation for a Sustainable Future

26-28 October 2021, Korea University, Seoul, South Korea

The development of sustainable waste management strategies has become a major concern throughout the world. This conference focuses on "recycling" and "recovery" of waste material while paving the way towards circular economy, land reclamation, and water and wastewater

treatments.

Local and overseas experts from different sectors including academic researchers, industrial practitioners, green groups, and government departments will be gathered in this program.

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ManuResource 2021

24-25 November 2021, 's Hertogenbosch (NL)

Circular agriculture with low emissions and nutrient recovery from manure is high on the European Union agenda. ManuREsource is an international triple-helix conference for scientists, policy makers, consultants, farmers and professionals on the theme of manure management. The conference aims to accelerate the transition towards a circular economy by exchanging experiences and knowledge with concerned international stakeholders and policy makers

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RAMIRAN 2020

19-21 September 2022, Cambridge, United Kingdom

RAMIRAN "Recycling of Agricultural, Municipal and Industrial Residues in Agriculture Network" is a research and expertise network set up over 25 years ago to improve nutrient utilisation and minimise the environmental impact from livestock manure and other organic material use in agricultural systems.

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The Biorefine Cluster is supported by the European Biogas Association (EBA), a no-profit organisation which advocates for recognition of biomethane and other renewable gases as sustainable, on demand and flexible energy sources that provide multiple knock on socio-economic and environmental benefits. Learn more [here](#)



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