

News on biobased resource recovery

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Dear circular economy enthusiast,

We hope you all had a nice summer break and to end your vacation in beauty we published a new issue of our Bulletin, offering you the most relevant updates from our network!

HOOP, VALUEWASTE and three other Horizon 2020 projects teamed up for ROOTS, an interesting joint initiative aimed to boost acceptance of innovative solutions for the European circular bioeconomy and bring down the regulatory barriers blocking a more sustainable future.

In this issue we also present the ULTIMATE multi-medial experience to know more about their 37 newly developed technologies for water, energy and material recovery from wastewater.

Do not forget to check out the video of the farm 'Le Petit Bois - ferme de l'Orée' in Charente-Maritime (France) and its collaboration in the European Nutri2Cycle project for the

agronomic recovery of organic residues!

These breaking news from projects of our community will hopefully enrich your reading and update you on their latest initiatives, progress and results. And of course do not forget to take a look at the publications and inspiring 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

Project news

ROOTS - Circular policies for changing the biOWasTe System



Five Horizon 2020 projects working on biowaste valorisation have teamed up to promote innovative solutions for the European circular bioeconomy and bring down the regulatory barriers blocking a more sustainable future. The joint initiative is called ROOTS.

The projects part of this initiative are HOOP, VALUEWASTE, SCALIBUR, WaysTUP! and CITYLOOPS. On 27 September 2022 the ROOTS group will organize a high-level policy event in Brussels to discuss in detail the content of the position paper.

Read the position paper [here](#)

Read more on the event [here](#)

Project news

ULTIMATE Pageflow - 9 Case Studies to discover



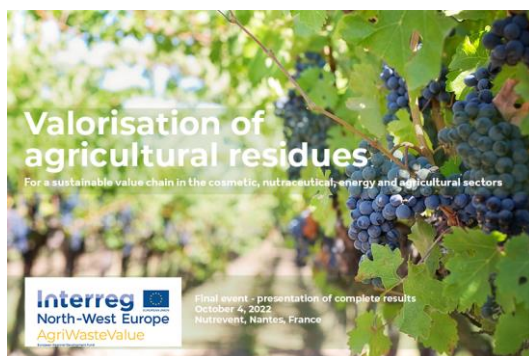
ULTIMATE aims to create economic value and increase sustainability by valorising resources within the water cycle and developing new technologies to reuse industrial wastewater. They have selected 9 large-scale demonstration cases from the four most important industrial sectors in Europe, namely Agro-Food Processing, Beverages, Heavy Chemical/Petrochemical and the Biotech Industry.

Dive in their multi-media experience about the 9 Case Studies and learn more on the 37 technologies developed and implemented for water, energy and material recovery from wastewater.

Check it out [here](#)

Project news

AgriWasteValue final event: provisional programme available



After four and a half years, the AgriWasteValue project is coming to an end. The project partners are pleased to invite you to the final event of this agricultural residues valorisation project, which will take place as a hosted event on the 8th edition of Nutrevent, on 4 October 2022, in Nantes (France).

Check the provisional programme [here](#)

Project news

What is the future of chemicals? Open Call #2



BioeconomyVentures aims to ignite a strategic collaboration between innovators and corporations in the bioeconomy in favour of sustainable development. Does your corporate want to become part of the Bioeconomy Ventures' pool to identify challenges and needs in the Future of Chemicals domain?

Tap into the European innovation ecosystem and explore collaborations, synergies and new solutions coming from the European top innovators. Have a look at the preliminary industries' open call topics and dates for corporates!

Download the [leaflet](#) or read more [here](#)

Project news

HIGFLY participating in the Sustainable Places 2022 Conference 'Low-TRL Renewable Energy Technologies' Workshop



Bringing new energy technologies to market is challenging. Not only they must be commercially viable by providing secure, affordable energy to an accepting public, but also be in line with the revised Renewable Energy Directive by having lower greenhouse gas emissions, lower overall

environmental impact, higher conversion efficiency and greater flexibility to operate in variety of markets and environments.

With these challenges in mind, HIGFLY, along with many other EU Horizon 2020 projects will participate in the “Low-TRL Renewable Energy Technologies Workshop” being held at the Sustainable Places 2022 Conference, a hybrid event hosted in Nice, France from 6th – 9th September.

Read more [here](#)

Project news

WalNUT: Recycling nutrients to save the Planet and avert a global food crisis



Recovering nutrients such as phosphorus and nitrogen from wastewaters is a key goal of the European research project WalNUT. Launched in September 2021, the project is now about to finalize the analysis of “nutrient imbalances” to prevent danger to human health and the environment while increasing resource efficiency. The first steps consist in mapping these imbalances in Europe, determining the resources available in terms of existing treatment plants and assessing the potential to obtain nutrients from such wastewaters.

Read more [here](#)



Presentation of the farm 'Le Petit Bois - ferme de l'Orée' in Charente-Maritime and its collaboration in the European Nutri2Cycle project for the agronomic recovery of organic residues

Food for thoughts

Nutri2Cycle - [Manure biostabilization by effective microorganisms as a way to improve its agronomic value](#)

Fertimanure - [D1.4. Report on the nutrient imbalance analysis](#)

Prolific - [Extraction and chemical characterisation of functional compound from coffee by-products](#)

AgRefine - [Modeling the effects of ecosystem changes on seagrass wrack valorization: Merging system dynamics with life cycle assessment](#)



WALNUT is a European research project aiming to transform how waste water is treated, with a shift from a linear to a circular model for a more sustainable system for agriculture and the fertiliser industry. This presentation video takes you into the journey of plant nutrients, that could be recovered from EU soils through innovative waste water treatment technologies

Upcoming events

Save the date!



From residual to recoverable 15 September 2022, Pirmasens, Germany

On September the 15th, PFI organizes a workshop about the valorisation of different biomass residues to produce biobased chemicals and natural extractives in Pirmasens (Germany). The workshop will be held in German.

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Pitch Perfect and Boost the European Bioeconomy

26 September 2022, Brussels, Belgium

The 'Pitch Perfect and Boost the European Bioeconomy' event is a one day event of intense cross-border and cross-sectoral pitching, matchmaking and networking, with the aim to link industry to innovative (biobased) technologies, innovators to investors and to create new partnerships for the future and the further development of innovative, cross-border and cross-sectoral industrial value chains in the biobased economy.

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Bio-based Scaling & Finance Forum Event

4 October 2022, Wuppertal, Germany

The event features multiple rounds of live and online sessions where key players along the bio-based industries sectors will have access to 20 prominent SMEs and 20 corporations (seeking strategic funding and partnerships for the growth and deployment of their technologies and production processes).

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Bioeconomy Pitching, Matchmaking and Networking 4 October 2022, Barcelona, Spain

The Canadian Trade Commissioner Service and the Canadian Council of Forest Ministers are partnering with BioeconomyVentures to organize this Pitching, Matchmaking and networking workshop on October 4. The event will serve to create new partnerships for the further development of innovative, cross-border and cross-sectoral industrial value chains in the bioeconomy.

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LignoValue Pilot Launch & Networking Event 6 October 2022, Mol, Belgium

The Shared Research Center Biorizon & VITO's LignoValue Pilot Plant will host a live networking event at VITO in Mol, Flanders. There will be a bus visit to the impressive LignoValue Pilot Plant, live networking, short presentations to formally launch the LignoValue Pilot plant & a brief update by Biorizon.

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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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