

News on biobased resource recovery

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November - December 2024

BCE Community

The BioINSouth and ROBIN projects join our community!



The BioINSouth project aims to support decision-makers to incorporate considerations of ecological limits into their regional bioeconomy strategies and roadmaps, relevant to circular bio-based activities.

Read more [here](#)

ROBIN is a Horizon Europe project, which aims to empower Europe's regions to adapt their governance models and structures in ways that accelerate the achievement of their circular bioeconomy targets while promoting social innovation and accounting for different territorial contexts.



Read more [here](#)

BCE Community

Join our Thursday Talks!

A dark teal banner with two stylized human head profiles facing each other. The interior of the heads is filled with colorful books. Below the heads, the words "THURSDAY TALKS" are written in large, white, bold, sans-serif capital letters with a slight drop shadow. At the bottom left is the logo for "BIOREFINE CLUSTER EUROPE" and at the bottom right is the logo for "RE-SOURCE LAB FOR BIOSOURCE RECOVERY" with the text "Supported by" above it.

THURSDAY TALKS

Supported by

BIOREFINE
CLUSTER EUROPE

RE-SOURCE
LAB FOR BIOSOURCE RECOVERY

The Biorefine Cluster Europe introduces the Thursday Talks: monthly webinars on nutrient recycling and management, water recovery, waste to energy, biochemicals extraction, bio-based materials and value-chain assessment.

In each session, from January to June, lead researchers from the [RE-Source.bio community](#) and BCE members, will present their recent developments in each of these fields and have the opportunity to exchange experiences and establish possible connections between their efforts.

This webinar series is also part of the UGhent Doctoral Schools, which means PhD students can follow it to receive academic credits. If you are a PhD student interested in this option,

please contact the RE-Source.bio manager, Marcella Souza, at marcella.fernandesdesouza@ugent.be

[Register here](#)

ESNI Community

Tailor made fertilisers at European level | Webinar

On February 10, the ESNI Working Group on Agronomic Performance organises a webinar on **tailor-made fertilisers (TMF) at European level**.

The key note speaker is dr. ir. **Oscar Schoumans**, former Senior Scientist at Wageningen University and Research. Working Group leader Kari Ylivainio (LUKE, Finland) will be the moderator of this session.



[More information](#)

Project news

BBioNets and the circular bioeconomy: identifying key regional primary resources and needs across Europe



Earlier this year, the BBioNets regional [Forest and Agriculture Networks \(FANs\)](#) organised a series of workshops to identify the key biomass resources available and their current uses across the six countries of the project (Ireland, Spain, Greece, Italy, Poland, and the Czech Republic). They also identified and prioritised the key processing needs required for a socio-ecological transition to the circular economy.

The [article](#) prepared by Thomas McCarthy, Teagasc (IE), provides an insightful synopsis of the collected information.

Project news

ReJuice valorises green waste streams

Are you interested in finding innovative ways to valorize green waste streams?

Join the third and final ReJuice workshop on January 28, 2025, in Beringen, Belgium.
(Dutch only)



This workshop will bring together companies and stakeholders to explore practical applications for green juice, including energy generation, food production, material development, and circular fertilizers. Your insights will help shape the next phase of the ReJuice project: creating co-creation clusters.

Read more [here](#) (in Dutch only)

Project news

FOLOU investigates food loss drivers and impacts in Europe



A key challenge in addressing food loss in the primary sector is understanding the most relevant factors that drive losses in the early stages of the value chain. In FOLOU, a systemic literature review about food loss in the primary sector was carried out by analysing 76 academic articles and grey literature reports. As a result, 35 drivers of food loss were identified according to three macro-categories (environmental, behavioural and societal drivers).

Read more [here](#)

Project news

Blo-Impact, 2 Years of Innovation in Biomethane Production with SEMPRE-BIO

On November 6th, SEMPRE-BIO hosted “Blo-Impact: 2 Years of Innovation in Biomethane Production with SEMPRE-BIO,” sharing key achievements from the past two years about our three case studies and CO2 valorization activities.

This event gathered around 50 participants from various sectors such as sustainability, energy or wastewater. Attendees included from professors to students, directors, engineers, project or procurement managers.

For those who couldn't attend or would like a refresher, check out the blog with links to the recording and presentations: <https://sempre-bio.com/bio-impact-webinar-recap/>



Project news

Highfly releases its third newsletter



HIGFLY released its third newsletter. In this latest publication you will gain insights into the project's research into the separation of furfural and bio-oxygenates using deep eutectic solvents and supported liquid membrane technology; the adaption of the condensation and hydrodeoxygenation process in a continuous reactor; and the process for intensifying cyclopentanone synthesis from furfural using supported copper catalysts.

Read more [here](#)

Project news

Novafert survey on PEFCE for bio-based fertilisers

NOVAFERT survey on PEFCR for bio-based fertilisers



WE WANT TO HEAR
FROM YOU!



Survey on the Product Environmental Footprint Category Rules (PEFCR) for bio-based fertilisers.

After the successful stakeholder participation at the ESNI Conference in Brussels last September, the Novafert partners would like to hear from you: from fertiliser manufacturers and farmers to research centers and LCA practitioners. **Your opinion about this PEFCR draft matters!**

We are designing and testing the most feasible and down-to-earth options within PEFCR to shape competitive solutions for the fertilizer industry in Europe.

If you would like to make sure your experience is part of our PEFCR proposal, fill in Novafert's survey. It will take you less than 5 min!

[I like to fill in the survey](#)

Project news

Fer-Play final event: The potential of circular fertilisers untapped

The Potential of Circular Fertilisers Untapped

Opportunities and Challenges Ahead

18-19 February 2025

Silversquare Bailli, Brussels -
Av. Louise 231, 1050 Bruxelles



REVOLVE



FER-PLAY's final event will take place 18-19 February at Silversquare Bailli in Brussels. They will present all project outcomes, such as their [database](#), and gather fellow R&D projects, like NOVAFERT, to discuss results and recommendations. Sign up to FER-PLAY's quarterly newsletter, [The Alternative](#), to receive further information about the conference and circular fertilisers.

Discover more on this project by following it on [LinkedIn](#) and stay tuned for more videos by following the [FER-PLAY playlist](#).

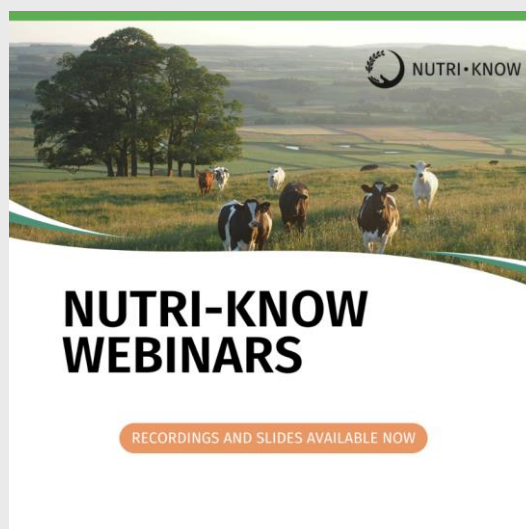
Register [here](#) for the final event of the FER PLAY project.

Project news

NUTRI-KNOW webinar series now available online

NUTRI-KNOW hosted a weekly webinar series on sustainable nutrient management, showcasing innovative technologies, practical tools, and best practices from the twelve Operational Groups behind the project. These sessions provided valuable insights for farmers, agronomists, and sustainability advocates seeking to optimise modern farming practices.

If you missed the live events, **the recordings and slides can be accessed here:** <https://www.nutri-know.eu/nutri-know-webinars/>



Project news

Innovative Circular Biowaste Valorisation - State of the Art and Guidance for Cities and Regions



HOOP delivers a review paper placed in [the Top 10 of most viewed article of the Sustainability journal](#) for the last trimester. Discover this the state-of-the-art of material valorisation of OFMSW and UWWS that addresses project promoters at city/region level and help them to select innovative technologies.

25 technologies are compared and discussed under a multidisciplinary assessment approach, showing enabling factors and challenges, current or potential commercial status and compatibility with the traditional technologies for urban biowaste treatment (composting and AD).

Read more [here](#)

Food for thoughts

Lex4Bio - [PFAS, PCBs, PCDD/Fs, PAHs and extractable organic fluorine in bio-based fertilizers, amended soils and plants: Exposure assessment and temporal trends](#)

Event

Nutrient proposals for the new EU circular economy act and the CAP

21-22 January 2025 - Brussels (BE) & Online

The President of the European Commission, Ursula von der Leyen, plans an ambitious EU Circular Economy Act, to follow the second Circular Economy Action Plan, replacing this

Commission document by a regulatory act. The Common Agricultural Policy represents over 40% of the EU budget. The current CAP runs from 2023 to 2027. An interim evaluation report is expected in 2025. Two day meeting to discuss these two important policies and to develop proposals to input to the European Commission.

Read more about the event [here](#)



Event

Forum for the Future of Agriculture

1 April 2025 – Brussels, Belgium

The Forum for the Future of Agriculture is the premiere meeting place in Europe to debate sustainable agriculture and environmental challenges. By bridging the conversation between different stakeholders across the food system, the Forum serves as a unique space for an open debate where each and every perspective can come together to provoke forward thinking solutions, and where content is freely shared entirely with civil society.

Read more [here](#)



Event

IWA Resource Recovery Conference 2025

19-23 May 2025, Leeuwarden, The Netherlands

The 6th edition of the IWA Resource Recovery Conference, which will be hosted in Leeuwarden (the Netherlands), the capital of water technology. This event is organized by Wetsus in collaboration with Delft University of Technology and Wageningen University and

Research.

This conference want to showcase and celebrate the experiences, lessons and results of more than 15 years of experimenting and upscaling of resource recovery around the world.

Save the date and stay up to date [here](#)



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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