

News on biobased resource recovery

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# The Bulletin

[www.biorefine.eu](http://www.biorefine.eu)

**September - October 2025**

**ESNI Community**

## RENURE: European breakthrough for circular agriculture

On 19 September 2025, the **EU Nitrates Committee approved the use of RENURE** (REcovered Nitrogen from manURE) — a fertiliser made from processed manure that can safely replace chemical nitrogen fertilisers, under strict conditions.



This long-awaited decision marks a major step toward circular and sustainable agriculture in Europe, helping close nutrient cycles and reduce dependence on imported fertilisers.

Read more [here](#).

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#### Project news

## NutriBudget and ReNu2Cycle co-organise a webinar on "Aligning policy, practice and innovation for sustainable agriculture"

Join NutriBudget and ReNu2Cycle on **Tuesday 25 November** from **14:00 to 16:00 CET** for an engaging **high-level policy webinar**! It explores how the Common Agricultural Policy (CAP) and circular economy policies can better support the adoption of sustainable nutrient management practices in EU agriculture.

The webinar will bring together leading experts, practitioners, and policymakers to explore how policy can drive the adoption of sustainable farming practices through better circular use of nutrients. The event will cover:

- Nutrient management in the Common Agricultural Policy (CAP)
- Nutrient recovery under the Circular Economy Act
- Insights from research and on-the-ground practices

[Register here!](#)



#### Project news

### AQUAGRI-KNOW's first animated video is out!



# AQUAGRI-KNOW

Across Europe, climate change and water scarcity are putting farms at risk. Farmers face uncertainty as fields dry out and soils lose vitality. But action is underway.

This short animation explains how **12 Operational Groups and AQUAGRI-KNOW's network of Ambassadors** will work to **bridge the gap between research and practice**. The first YouTube video on their channel tells the story and journey of the project.

Watch the English, Spanish, Catalan, Polish, Italian, Greek and Dutch version of the animation video [here](#).

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## Project news

### Upcoming workshop at EURegionsWeek on circular sanitation - Why and how can cities and regions close nutrient loops?



What are nutrient cycles? Why is it crucial for the health, the environment and the economy of our cities and regions? What are the issues with the current sanitation system?

In this online session on October 24 (10:30-12:00), the concept of **circular sanitation** will be introduced and the concrete **benefits of closing nitrogen and phosphorus** will be shown. Using examples from all over Europe, they will present policies and concrete actions that local and regional authorities can implement to make circular sanitation a reality.

Featuring experts and practitioners, this session will be interactive and will focus on concrete solutions. It will build on **results from the P2GreeN project**, funded by Horizon Europe.

Register [here](#).

### Project news

## Upcoming expert validation workshop of the SYMBIO project!

The EU-funded SYMBIO project works to unlock regional circular bioeconomy ecosystems by identifying and prioritizing promising biobased value chains (BioLinks) across six countries.

On 22 October 2025 (13:00–16:00 CEST, online), SYMBIO will host an **Expert Validation Workshop** to present its **Multi-Criteria Decision-Making Analysis (MCDMA)**,



discuss the Top 10 BioLinks, and validate the prioritization with external expert feedback.

Interested experts are warmly invited to participate and contribute to strengthening the credibility and relevance of the project outcomes. To confirm your interest, please email [jessica.pellizzari@startupregions.eu](mailto:jessica.pellizzari@startupregions.eu).

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#### Project news

### Apply now: AlgaeProBANOS accelerator call 2

The **second Algae Accelerator Call** is now open! EU-based startups and SMEs in the algae value chain can join a **six-month virtual mentorship programme** to scale strategies, refine products, and accelerate market entry. Participants gain tailored mentorship, business development support, and access to a strong European stakeholder network.

**Focus areas:** scaling algae production, sustainable packaging, consumer acceptance, AI applications, and large-scale cultivation standards.

**Applications:** 2 Oct – 4 Dec 2025

More info and apply [here](#)!



Open Call 2  
2 Oct 2025 - 4 Dec 2025

## The Algae Accelerator Applications are Open

A six-month mentorship programme helping startups and SMEs scale their algae innovations. Receive €10,000 worth of expert guidance, tailored business support, and access to algae industry networks.

 [algaeprobanos.eu](https://algaeprobanos.eu)   [@AlgaeProBANOS](https://twitter.com/AlgaeProBANOS)



### Project news

## Help shape sustainable bioplastics with ELLIPSE



The ELLIPSE project is developing sustainable ways to turn **slaughterhouse waste and paper & pulp sludge into bioplastics (PHAs)** for agriculture and packaging. By integrating diverse organic residues as feedstocks, the project reduces waste to landfill, creates added value for industries, and supports more circular value chains.

To strengthen its work, the consortium invites stakeholders to share their views in a short, GDPR-compliant survey (5–10 minutes).

Take the survey [here](#).

## Project news

## The BBioNets project: from shared knowledge to collective action

BBioNets believes the bio-based transition accelerates when shared knowledge is put into action. Their **second promotional video** highlights mid-term results in supporting EIP-AGRI Operational Groups and advancing Bio-Based Technologies (BBTs).

Beyond showcasing results, BBioNets builds impact through its **Standing Liaison Round Table (SLRT)**, fostering collaboration across Europe. This autumn, partners are engaging in events, regional info-days, and 'train-the-trainers' workshops to amplify knowledge and synergies.

Watch the new video [here](#) and learn more about the collaborative framework [here](#).



## Project news

## ReLEAF turns waste into sustainable fertilisers



The **ReLEAF project** (EU Horizon JU) develops and demonstrates safe, sustainable, and efficient **bio-based fertilisers (BBFs)** that can compete in European and global markets. By optimizing and testing new technologies, ReLEAF recovers valuable nutrients, biostimulants, and other products from bio-wastes—reducing the environmental impact of urban and agricultural residues while creating new value chains.

Watch the ReLEAF video [here](#).



### Project news

## BioSOILUTIONS published its first batch of practice abstracts

The first batch of **Practice Abstracts** developed by bioSOILUTIONS partners summarises key findings and best practices identified and developed within the project. This initial set of **8 abstracts** covers topics aligned with the project's early activities and results.

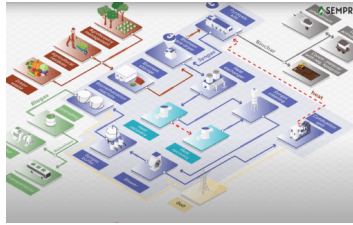
Topics include insights from the bioSOILUTIONS living labs, the benefits and potential of bio-waste valorisation, soil improvers versus traditional fertilisers, and the project's valorisation routes, along with exploitation concepts and strategies established for bioSOILUTIONS.

Read them [here](#).



### Project news

## SEMPRE-BIO outcomes video released from feedstock to end-users



SEMPRES-BIO presents its **full biomethane production pathway**—from feedstock to end user—across three real-world case studies:

- **Wastewater:** Anaerobic digestion, PEMEL, and biogas upgrading
- **Green waste & agro-residues:** Pyrolysis and biomethanation
- **Manure:** Anaerobic digestion and cryo-upgrading

It also features two **CO<sub>2</sub> valorisation routes**: a **hybrid fermenter** for bioplastics and bulk chemicals, and a **microalgae solar photobioreactor** for protein-rich feed. The video highlights **circular economy principles, carbon reuse**, and the potential of SEMPRES-BIO's innovations to support a **sustainable European bioeconomy**.

Watch it [here](#).

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#### Project news

### BIORADAR's first webinar: bio-based transition indicators framework



In this webinar, the BIORADAR project will introduce the **Bio-based Systems Transition Indicators (BTI) framework**—a tool that integrates environmental, circular, social, and economic dimensions to better assess bio-based products. You'll also get to see a live demo of some of the digital tools developed within the project.

Date: October 15th, 2025

Time: 10:00–12:00 CET

Audience: Academia & Researchers in Sustainability, Companies within the bio-based industry

Secure your spot [here](#).

## Food for thoughts

LEMNAPRO & NutriBudget - [A Pilot-Scale Evaluation of Duckweed Cultivation for Pig Manure Treatment and Feed Production](#)

BioDEN - [Nitrogen recovery from digestate via stripping–scrubbing using citric acid: Potential effects of recirculation and postdigestion on additional biogas recovery, and assessment of the fertilizer potential of end-products](#)

AgRefine - [Biorefining Roadside Verges: Biogas Generation and Assessment of Grass Digestates as Nutrient Sources for Urban Ornamentals](#)

The poster for the BioReCer Final Event features a green and blue background. On the left, the text 'BioReCer Final Event' is in orange, followed by 'Trust, Traceability & Certification – Valorising Biological Feedstocks' in white. Below this, the date and time '29 Oct 2025, 9:00–14:45 CET' and the location 'Ciudad de la Cultura, Santiago de Compostela, Spain' are listed in white. On the right, there is a collage of images: a pile of colorful flowers, a plate of various food samples, a stack of logs, and a green harvester in a field. The BioReCer logo, consisting of a stylized 'C' in blue and green, is positioned above the text 'BioReCer' in blue.

**BioReCer Final Event**  
**Trust, Traceability  
& Certification –  
Valorising Biological  
Feedstocks**

**29 Oct 2025, 9:00–14:45 CET**  
Ciudad de la Cultura,  
Santiago de Compostela, Spain

#### Event

### **BioReCer final event: Trust, Traceability & Certification - Valorising Biological Feedstocks**

**29 October 2025 - Santiago de Compostela (ES)**

The BioReCer final event will present the **project's key-outcomes, including guidelines for certification schemes** and the **BioReCer ICT Tool**, and highlight derived **circular economy**

**frameworks.** In a round table event, insights and lessons learnt will be discussed for the assessment of the sustainability and circularity of the bio-based industry. Furthermore, current European projects will share their thoughts on the valorisation and use of biological feedstocks derived from biogenic waste and residues.

The event is open to members of the bioeconomy, researchers, certification and standardisation bodies, and policy makers, and especially invites European projects in a similar focus area to showcase outcomes and materials in a dedicated expo corner.

Find more [here](#).

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### Event

## NUTRI-CHECK NET final conference | 18 November 2025

### Save the date

The final conference of the NUTRI-CHECK NET project will be held on 18 November in Brussels, at the NH Brussels EU Berlaymont Hotel, with the topic: **Steps to Optimising Crop Nutrition**. Join in person or online via Zoom to explore the latest scientific findings, discuss innovative nutrient management practices, and exchange experiences with leading experts from across Europe. This event will highlight the project's key outcomes, provide practical insights into sustainable fertilisation strategies, and foster collaboration towards more efficient and environmentally responsible crop nutrition.

The detailed agenda will be shared soon. Secure your place and register [here](#)!



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#### Event

### ManuResource 2026 | 4-5-6 March 2026

#### Save the date

The next International ManuREsource Conference on manure management and valorization will take place in Ede/Wageningen (NL) on March 4 to 6, 2026. Registration opens fall 2025.

The organisers are currently working on shaping an insightful programme. Curious about what to expect? Check out the **aftermovie from the last edition** for a taste of the atmosphere [here](#).

**Event****ESNI-NERM Conference 2026 | 28 & 29 April 2026****Save the date**

The **European Sustainable Nutrient Initiative (ESNI) Conference**, organised by **Biorefine Cluster Europe** ([www.biorefine.eu](http://www.biorefine.eu)), and the **Nutrients in Europe Research Meeting (NERM)**, organised by ESPP ([www.phosphorusplatform.eu](http://www.phosphorusplatform.eu)), are merging into a single reference meeting to put together all the community working on research and innovation focused on nutrient management.

The ESNI-NERM conference will be organised on **28 and 29 April 2026 in Brussels** and aims to showcase the latest research and demonstration outcomes in nutrient management and nutrient recycling.



Check our website for more events



Sign up for our newsletter

*The Biorefine Cluster is supported by the European Biogas Association (EBA), a non-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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