

The Bulletin



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May - June 2026

BCE Community

The HarvRESt project joins the Biorefine Cluster Europe!



We are pleased to welcome [HarvRESt \(Harnessing the Vast Potential of Renewable Energy Sources for Sustainable Farming\)](#) to the BCE Community.

The Horizon Europe project aims to support the integration of renewable energy solutions into farming systems through innovative circular business models, helping farms become more sustainable, climate-neutral, and resource-efficient. By developing decision-support tools and fostering collaboration among farmers, researchers, businesses, and policymakers, HarvRESt contributes to a more resilient and sustainable bioeconomy.

ESNI Community

Do you want to become an ESNI Expert?

OPEN CALL

To transition ESNI from a knowledge-sharing network to an active, expert-driven community, we are looking for **visionary experts** in four domains: technology, agronomy, sustainability and policy.

As expert or **Topic Lead**, you can inspire and guide the



professional profile at the European level.

Interested in becoming an ESNI expert? [Find out more about this role and how to apply](#) on our website.

ESNI is supported by Ghent University (BE), BETA Technological Centre (ES) and IMPACT (BE)

ESNI Community

Throwback to ESNI-NERM 2026 Conference

Combining the European Sustainable Nutrient Initiative (ESNI) and the Nutrients in Europe Research Meeting (NERM) into one joint event was an ambitious milestone, and we are grateful for the inspiring community that made it a success! ESNI-NERM 2026 truly became the flagship event for nutrient recycling research and innovation

You can now [download the presentations and major resources from the conference](#): the Book of Abstracts & Conference Summary and the presentation slides from keynote speakers, covering key policy changes and innovative research projects. We have also uploaded a collection of video testimonials directly to the event page.

A massive thank you to our co-organisers, speakers, and every attendee who brought their passion to Brussels and online. Together, we are building a more sustainable future.



Management

Short Online Course from the FOLOU project

The third free online course of the FOLOU project explores how [innovative technologies can support the measurement, management, and reduction of food loss](#) across the agri-food sector.

What you'll learn:

- 🌍 How technological innovation can help reduce food loss in practice
- ⚙️ The benefits and limitations of food loss measurement technologies
- 🌱 How to identify and apply technological solutions in different agri-food contexts
- 🏡 How innovation can support more sustainable food systems

Access the course in two easy steps: 1) [log in or create a Ubigua account](#) and 2) register for the course using the password: FOLOUC3

[Discover all available courses in the FOLOU's Learning Centre](#)



Technological innovation in food loss measurement & management

Free Short Online Course

Funded by the European Union

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Project news

BBioNets hosted a capacity building webinar

Unlocking bio-based innovation

effective bio-based solutions? BBioNets addressed this question by hosting a capacity-building webinar, titled “Building Better Operational Groups,” on 16 June.

EIP-AGRI Operational Groups are at the forefront of transforming agriculture and forestry, but navigating systemic barriers and scaling Bio-Based Technologies (BBTs) can be a challenge. This webinar was designed to empower practitioners, advisors, and stakeholders with the tools, insights, and cross-border knowledge needed to manage biomass more sustainably, boost circular economies, and build stronger innovation networks.

[Read the full article and access the recap.](#)



Project news

Pilot explores how food waste can become bio-based fertiliser

ReLEAF project



As part of the ReLEAF project, partner AERIS (Aeris Tecnologías Ambientales) has recently installed a pilot bioreactor at the project’s [technical demonstration site](#) in Vienna, the Kleine Stadtfarm.

In this process, food waste collected from the restaurant at Kleine Stadtfarm is mixed with wood chips and inoculated with the beneficial fungus *Trichoderma harzianum*, known for its plant growth-promoting properties.

The installation marks an important step in testing how locally generated food waste can be transformed into bio-based fertilisers directly where it is produced.

Project news

Serious Gaming on Recycling Derived Fertilisers



On 29 May, farmers, researchers, and representatives of government bodies in Flanders gathered to play "Nutrient Futures", a serious game based on the future market for circular fertilisers.

Drawing on their knowledge of the market, all participants were tasked with [successfully launching their business model](#). A key aspect was building legitimacy and achieving results in collaboration with other stakeholders.

*The serious game *Nutrient Futures* was developed by the [Digital Futures Lab at the University of Limerick](#), a partner in the ReNu2Cycle project.*

Project news

25 inspiring bio-based fertiliser technologies

FertiCoverly project

FertiCoverly

Online catalogue of 25 case studies

Online catalogue showcasing examples of 25 best available technologies for nutrient recovery and bio-based fertiliser production.

[LEARN MORE](#) [CONTACT](#)

In May 2026, the FertiCoverly project has launched a comprehensive digital [repository showcasing 25 examples of best available technologies for nutrient recovery](#), and bio-based fertiliser production.

into efficient bio-based fertilising products.

Food for thoughts

SEMPRE-BIO - [A Novel Semi-rigorous Model for Biomass Pyrolysis and Gasification. Chemical Engineering Transactions](#)

SEMPRE-BIO - [From CO₂ emissions to valorization into high-value biochemicals: Advances, bottlenecks and market trajectories of biotechnologies](#)

SEMPRE-BIO - [Valorisation of Biogenic CO₂ from biomethane plants in Europe: Current state and future prospects](#)

BIORADAR - [Indicators for Measuring Circularity of Bio-based Products: A Systematic Review](#)

BIORADAR - [Building a Product-level Bio-based Circularity Monitoring Framework](#)

BIORADAR - [An Integrated Multi-Method Framework for Assessing Sustainability of Industrial Bio-Based Systems: Approach and Application to a Textile Case Study](#)

FOLOU - [Refrigerated transport modulates the health status and nutritional quality of Mediterranean mussels \(*Mytilus galloprovincialis*\): A case study from the western Adriatic Sea](#)

ReNu2Cycle - [How RENURE is shaping sustainable nitrogen management in the EU](#)

ALGAE-STATE - [From CO₂ emissions to valorization into high-value biochemicals: Advances, bottlenecks and market trajectories of biotechnologies](#)



Event

SEMPRES-BIO Final Event

23 September 2026 - Barcelona, Spain

After four years of work, SEMPRES-BIO will come to an end in the next few months. To mark this milestone and share its main results, the project will host its final event in Barcelona on 23rd September.

This full-day event will feature a hybrid morning session presenting project outcomes, followed by roundtables with sibling projects and experts to discuss key challenges, as well as policy and regulatory aspects. In the afternoon, participants will visit the Case Study 1 demo site at a wastewater treatment plant (WWTP).

You can find the [registration link here](#).

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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