

The Bulletin



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May - June 2025

BCE Community

4 projects join the Biorefine Cluster Europe!



The **SYMBIO-project** provides European regional communities with tools and methodological approaches to build bio-based business models based on circularity by design and industrial symbiosis.

Read more [on the project website](#).

The **ALGAE-STATE project** contributes to the agri-food sector to achieve the objectives set by the EU through the implementation of anaerobic co-digestion of various by-products coupled to microalgae cultivation, following a biorefinery approach.

Read more [on the project website](#).



ALGAE-STATE



The **SUSPLASM project** investigates the production of syngas from waste streams through plasma gasification. It examines the treatment of challenging waste streams containing complex organic pollutants and plastics, and the production of syngas from these waste streams through plasma gasification.

Read more [on the project website](#).

Nutrient imbalances threaten Europe's environment, food security, and economy, with excess nitrogen and phosphorus causing soil degradation, water pollution, and biodiversity loss. In line with EU policies, **Greenhood** aims to reduce nutrient excesses through innovative, region-specific solutions.



Read more [on the project website](#).

BCE Community

Join our Thursday Talks!



In June, lead researchers from the [RE-Source.bio community](#) and BCE member projects will present their recent developments. Upcoming topic:

- **Value chain assessment of biowaste valorisation into resources** - Thursday 19 June 2025

[Check it out](#)

ESNI Community

The implementation of RENURE is a crucial step towards environmental, agricultural and socio-economic sustainability

The **European Sustainable Nutrient Initiative (ESNI) Community** would like to emphasise the importance of moving forwards with **implementation of RENURE** as a crucial step towards environmental, agricultural and socio-economic sustainability.

Read the **short policy brief** from European project perspectives [here](#).



Project news

NUTRI-KNOW is turning innovation into animation

How can we make nutrient management more sustainable? From transforming manure into fertiliser to using grass instead of imported soy - **NUTRI-KNOW's Operational Groups are developing solutions**. To make these innovations more accessible, the project is launching a **series of short animated videos** (around 90 seconds each) that explain the principles and benefits behind each approach.



Watch all the videos [here](#).

Project news

The project NUTRI-CHECK NET has launched its platform!



A **centralized hub for crop nutrition**, containing information on [Recommendation Systems](#), [Research Projects](#), and [Tools and Services](#) relating to nitrogen, phosphorus, and potassium management in Europe. The platform is designed to help farmers, agronomists, researchers, and the wider agricultural industry share knowledge and learn about the range of possible nitrogen (N), phosphorus, and potassium nutrient management approaches available for wheat, maize, and potato across Europe.

Find out more and participate on the [NUTRI-CHECK NET Platform Evaluation](#).

Project news

FER-PLAY comes to a close and the results are in!

After two and a half years of dedicated work, the FER-PLAY project has officially come to a close and hosted a **final conference** that brought together over 100 participants from across the sector. Check out the [conference takeaways](#) and FER-PLAY flagship results:

- Multi-assessment of impacts, trade-offs and framework conditions for the uptake of circular fertilisers: [Extended Summary](#), [Regulatory Framework Assessment](#), [Social Acceptance](#) and [technical aspects and conditions for industrialisation](#).
- Recommendations and guidelines for circular fertilisers uptake: for [farmers](#), for [fertiliser producers](#) and for [local policy makers](#).
- The most updated version of [FER-PLAY database](#) on circular fertilisers.
- To fellow projects: [recommendations](#) for the successful implementation of projects for the market uptake of circular fertilisers.

8 Life cycle inventories, results of 3 survey, 4 peer-reviewed papers, publication on sectorial magazines and all project deliverables are available on [FER-PLAY Zenodo Community](#). Thank you all for following our journey!



Project news

NenuPhar annual networking event 2025

The **NenuPhar annual networking event** (ANE), held in Brussels, featured project showcases, a lively **networking speed-dating**, and a **Governance Workshop** exploring the meaning and challenges around governance for both experts and beginners. A toolkit will be published this summer.



The screening of *Les Algues Vertes*, with Director Pierre Jolivet and representatives of the EEB, sparked deep reflection on nutrients pollution of water and coastal ecosystems and its impacts on human, non-human and local economies.

Read more [here](#).

Project news

The HOOP-project comes to an end with a final report



The **final report** of the HOOP Project is out! For four and a half years, eight cities and regions were supported in developing large-scale urban circular bioeconomy initiatives that focus on making bio-based products from urban biowaste and wastewater.

All the **achievements and valuable lessons** can be found in this last issue. These are some of the key results:

1. Investment mobilization: Over €120 million has been leveraged for urban circular bioeconomy projects.
2. Stakeholder engagement: The largest European Network for the Urban Circular Bioeconomy has been created, involving almost 130 cities and regions.
3. Innovative tools: HOOP developed a broad portfolio of tools to support urban circular bioeconomy initiatives across Europe.

To know more, read the final report available [here](#).

Project news

The FOLOU project presents its free online course on "Understanding Food Loss"



The partners of the **FOLOU project** have launched a **free, 2-week online course on “Understanding of Food Loss”**. Led by the University of Reading, the course was made available on **FutureLearn**.

In this course, you'll learn about the difference between food loss and food waste, the environmental and economic impacts, and discover effective methods to measure and reduce food loss. The course is designed for anyone passionate about sustainability, including farmers, researchers, and policymakers.

Key Details:

- Duration: 2 weeks (2 hours/week)
- 100% online
- Free certificate upon completion
- EIT Food accreditation

Enroll now [here](#).

Food for thoughts

ALGAE-STATE - [Indigenous microalgae consortium for producing safe reclaimed water and bio-fertilisers. Batch tests for replication, scale-up and legislative analysis](#)

HIGFLY - [Modulating activity and selectivity of aqueous phase furfuryl alcohol hydrogenation by tuning supported Pt on W-Zr Mixed oxides](#)

FUELPHORIA - [Forecasting Lakes' Chlorophyll Concentrations Using Satellite Images and Generative Adversarial Networks](#)

SEMPRE-BIO - [Pilot-scale anaerobic digestion of on-farm agro-residues: Boosting biogas production and digestate quality with thermophilic post-digestion](#)

SEA2LAND - [Fertilisers from fish processing and aquaculture production waste: An ecofriendly alternative for crop production?](#)



Event

RAMIRAN 2025: Recycling of Agricultural, Municipal and Industrial Residus in Agricultural Network

15 - 17 October 2025 – Wageningen (NL)

The **19th RAMIRAN Conference** focuses on the **management of agricultural, municipal, and industrial residues**, addressing challenges and opportunities in sustainable resource use amid climate and environmental pressures.

Key topics will include the **safe and efficient application of organic residues in agriculture**, exploring trade-offs and synergies for improved sustainability.

Stay tuned for updates: www.ramiran2025.nl

Event

ManuResource 2026 | 4 & 5 March 2026

Save the date

VCM is excited to announce the dates and location of **the next International ManuREsource Conference** on manure management and valorization: Ede/Wageningen, The Netherlands on March 4–5 (6), 2026. Registration opens fall 2025.



They 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), and the **Nutrients in Europe Research Meeting (NERM)**, organised by ESPP (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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