



1/2024

CiNURGi - External Newsletter

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Greeting from RISE

Dear readers,

Spring is in full swing, and with it, CiNURGi is entering a dynamic phase of activity. Over the past months, we've seen steady progress in strengthening circular solutions for nutrient recovery across the Baltic Sea Region—building synergies between research, policy, and practice. In this first 2025 edition of the newsletter, you'll find updates on our expanding collaborations, the recent call for innovative solutions, and



CiNURGi's engagement in key European platforms such as ESPP. The upcoming summer is set to be bustling with activities, including participation in the 17th Annual Baltic Sea Region Forum in Turku, Finland, on May 12, 2025, where nutrient recycling will feature prominently. Additionally, ongoing pilot projects, such as the development of bio-based fertilizers, continue to make significant strides.

We are proud of the momentum created by all partners and associated collaborators, and we look forward to deepening our shared work in the coming months. Whether you're part of the project, policy, or practitioner community, thank you for being part of the CiNURGi journey.

Warm regards,

Cheryl Cordeiro & Erik Sindhøj

Lead Partners, CiNURGi

RISE Research Institutes of Sweden

New partners

We are happy to announce that Br Göransson's Maskinstation (PP 28) and Sanitation360 (PP29) have joined CiNURGi. Both are SMEs operating out of Sweden.

[Br Göransson](#) offers various services in the agricultural sector, such as transportation, and will plan and implement nutrient recycling investments to increase production of recycled nutrients. They will also demonstrate results from these investments as part of CiNURGi.

[Sanitation360](#) has developed technologies for nutrient recycling and will produce fertilizers for field demonstrations, and assist in piloting the evaluation standards for quality control and agronomic value for recycled nutrients, as part of CiNURGi.

Shortlist of 11 Innovative Nutrient Recycling Cases published in Open Call

CiNURGi opened a call for "Best practices and innovative solutions for recycling of nutrients" in 2024. The aim was to invite pioneers in nutrient recycling to step forward and share their success stories. Now the first assessment round of the candidates has been done, and 11 innovations have been chosen to continue into the final stage. Eventually, the six highest ranked cases will automatically become candidates for the "Best Nutrient Recycling Award", a competition intended to raise awareness among stakeholders about successful and cost-effective nutrient recycling solutions. The top-performing cases will be showcased at a European-level event planned for the end of the project. Read the whole story and watch the video by pressing the link.



[Read more](#)

CiNURGi now a member of ESPP

CiNURGi has joined ESPP as a member, and has been featured in the ESPP April newsletter. Read the newsletter through the link.

[Read more](#)

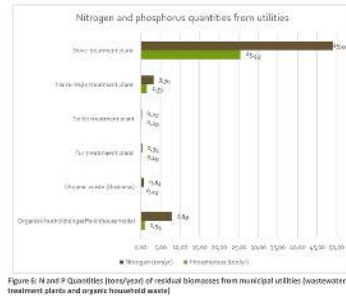


Figure 6: N and P Quantities (kg/year) of residual biomass from municipal utilities (wastewater treatment plants and organic household waste)

Skive municipality maps residual biomass

The CiNURGi project focuses on nutrient recycling for both economic and environmental purposes. Nutrient leakage is a waste of resources as well as an environmental risk for the waters of the Baltic Sea region.

Energibyen Skive has mapped residual biomass in the municipality to create new opportunities for circular utilisation of resources. The report provides a detailed insight into the potentials. Read the results by pressing the link.

[Read more](#)

REND BEN develops pilot line for production

In the CiNURGi project several new technologies or processes will be tested and/or evaluated to demonstrate possibilities and provide support for nutrient recycling in the Baltic Sea region. Pilot 4 focuses on Biochar-ash-digestate-sewage sludge-based recycled fertilizer production.

One of the CiNURGi partners, REND BEN Ltd. develops a pilot line for the biomass biochar/ash-based

fertilisers production utilising local biomass for fertilisers/liming agents for agriculture with high replication capacity in Baltic Sea Region. REND BEN is willing to collaborate with other stakeholders within testing various waste streams to formulate novel fertilizer pellets. The the story below:



[Read more](#)

Farmers say No to New Machinery

In January, Energibyen Skive participated in the Plant Congress and the Fjordland Congress as part of the Interreg Baltic Sea Region project CiNURGi to gain insights into what is most important for farmers when selecting fertilizer.

Cathy Brown Stummann, project manager for CiNURGi at Energibyen Skive has spoken to farmers about their needs, challenges, and future opportunities. One of the primary factors for farmers was that new fertilizers should be compatible with existing machinery to avoid new investments. At the same time, farmers demand transparency regarding the content of phosphorus (P) and nitrogen (N), but they were surprisingly flexible about whether the P/N ratio was the same with each delivery.

– Among the farmers we spoke with, it was important to know the exact composition per bulk bag, so they can then adjust the application as needed. Several also pointed out that traceability of biomass in fertilizer products could become a more important factor in the future, says Cathy Brown Stummann.

Read the full story:

[Read more](#)

EVENT

Baltic Sea Region Forum

Monday 12th of May from 11:30 - 19:10 (EET).

The 17th Annual Baltic Sea Region Forum 2025, themed this year "Safe and Secure Baltic Sea," will feature a panel dedicated to nutrient recycling. The speakers of the Nutrient recycling panel represent research, governance, business and international cooperation. Erik Sindhøj is representing CiNURGi project – and naturally his own expertise – in the panel. The other names of the panel are Elsi Kauppinen and Eija Hagelberg, representing BSR level and national level governance, and Teija Paavola representing business. International cooperation (i.e. ESPP network, Baltic Stewardship Initiative and project Lex4Bio) is presented, in order, by Ludwig Hermann, Mats Johansson and Kari Ylivainio.

The event is held in Turku, but it is also streamed live. The registration for types of participation can be done in the event page: [Baltic Sea Region Forum 2025](#).

EUSBRS PA Nutri Talks

Monday 9th of June from 13:00 - 16:00 (EET).

Join us for the next PA Nutri Talks on Nutrient recycling in the Baltic Sea Region. CiNURGi will be presenting at this #EUGreenWeek Partner Event! This event will showcase ongoing EU-funded projects on nutrient recycling, highlighting the drivers and challenges faced in different countries across the region.

Check the program and register [here](#)

PUBLICATION

Baltic Rim Economies 02/2025 Highlights Innovative Nutrient Recycling in the BSR

Centrum Balticum publishes the thematic [Baltic Rim Economies](#) four times per year. The second issue of 2025 focuses on sustainable nutrient management and presents a comprehensive collection of articles on nutrient recycling in the Baltic Sea Region. The publication opens with contributions from the CiNURGi project and its predecessors, showcasing innovative research and practical solutions. The compilation includes articles from CiNURGi project partners and other experts, covering topics such as nutrient resource mapping, biowaste and manure management, sewage sludge treatment, biogas production, bio-based fertilizers, policy frameworks, soil health, and farmers' perspectives. This diverse set of articles underscores the importance of nutrient recycling for enhancing supply security, reducing environmental impacts, and promoting sustainable agriculture in the region. The publication serves as a valuable resource for policymakers, researchers, and practitioners committed to advancing circular economy principles in nutrient management. The issue will be published on April 23rd and can be [accessed](#) and [subscribed](#) to on the Centrum Balticum website.

COMMUNICATIONS

Communication channels

The CiNURGi LinkedIN page can be found via this [link](#) or by copy-pasting this address in your browser: www.linkedin.com/showcase/cinurgi. When tagging the project in LinkedIN please use the tag @Cinurgi, so that we get notified and can share and like your posts in return.

This [external newsletter](#) is posted 1-2 times a year. The [link to subscribe](#) can be found on the project homepage. Please feel free to share the link among your contacts!

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