

News on biobased resource recovery

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Dear circular economy enthusiast,

As every month, we are keen to share with you the most interesting news from the circular economy world... so be ready for this inspiring journey together!

Our community is growing! We are pleased to introduce you the Bionanopolys project, which aims to launch an open, innovative test bed for the design, development, testing, regulatory and environmental assessment, and upscaling of promising nano-enabled bio-based materials.

New initiatives are on track, awaiting just for you! Nutri2Cycle is organizing a webinar series, intended to present the lighthouse prototypes of nutrient management approaches and innovations. The lighthouse demos will demonstrate the research outcomes at relevant pilot, field, farm scale in order to assess the technical feasibility of the proposed solutions and favor their transferability across the EU regions. Do not miss the chance to join these interesting events!

In this issue, we turn on our spotlights on the Scalibur project, in which leading waste

management companies, technology developers and research organisations have teamed up with four European cities to demonstrate innovative solutions to transform urban food waste and sewage sludge into high value-added products, helping cities to increase their recycling rate and creating new circular economy business opportunities. Discover more on its goals, activities and achievements!

Breaking news from our community will enrich your reading and will update you on the latest initiatives, progress and results.

And lastly do not forget to take a peek at publications, events and job opportunities we chose for you!

We wish you a pleasant reading!

The BCE Team

Our latest updates will be waiting for you at @Bioref_Cluster and www.biorefine.eu. See you there!

You wish to share any news with us? Get in touch! info@biorefine.eu

Biorefine Community

Bionanopolys joins our network!



The Biorefine Community is happy to welcome Bionanopolys!

Bionanopolys aims to launch an open, innovative test bed for the design, development, testing, regulatory and environmental assessment, and upscaling of promising nano-enabled bio-based materials. The project will manufacture innovative bionanocomposites from sustainably sourced feedstocks in Europe as well as bio-based nano-products for packaging, textile, agriculture, cosmetics, pharma or food.

Read more [here](#)

Biorefine Community

The Biorefine Conference. Call for abstracts



From 30 to 31 May 2022, the Biorefine Cluster will organise the first edition of the 'Biorefine Conference' that will take place in Ghent. The event aims to highlight and discuss the current research innovations within the topics addressed by the Cluster, their further developments and the concrete solutions to make the transition to circular economy work in practice.

Registrations to attend the conference will open soon, but participants are invited to submit already their abstracts and poster presentations.

Read more [here](#)

Biorefine Community

RRB 2022: Call for abstracts!

RRB 2022
RENEWABLE RESOURCES & BIOREFINERIES



The 18th edition of the International Conference on Renewable Resources & Biorefineries will take place in Bruges, Belgium from Wednesday 1 June until Friday 3 June 2022. The conference aims at providing an overview of the scientific, technical, economic, environmental and social issues of renewable resources and biorefineries to give an impetus to the biobased economy. You can submit your abstract by 15 March 2022.

Read more [here](#)

Project's corner

Scalibur

SCALIBUR

In the SCALIBUR project, leading waste management companies, technology developers and research organisations have teamed up with four European cities to demonstrate innovative solutions to transform urban food waste and sewage sludge into high value-added products, helping cities to increase their recycling rate and creating new circular economy business opportunities.

Read more [here](#)

Biowaste management is changing rapidly. Increasing rates of separate collection and new valorisation technologies create many opportunities for waste managers. To help educate on the topic SCALIBUR has developed two e-learning modules, one for waste managers/municipal staff and the other for entrepreneurs and SMEs interested in the topic.

Read more [here](#)

MODULE 1 - E-LEARNING FOR MUNICIPALITIES AND WASTE MANAGERS

Module 1 - Municipalities and waste managers

ATTACHMENTS

- Baseline analysis template_SCALIBUR project.pdf
- Best practices Municipal Waste Management_Germany.pdf
- Biowaste in Europe_European Environment Agency.pdf
- Biowaste Fact sheet_European Compost Network.pdf
- Biowaste Guide for municipalities_GIZ.pdf
- Biowaste in Lund_City of Lund.pdf
- Circular Economy Action Plan- European Commission.pdf
- Circular Economy and Biowaste in Europe Milan_Europe...
- Country-report_Flanders_European Compost Network.pdf
- Decision making guide_Environmental Protection Agency...

Outcome: By the end of this chapter you will have a better understanding of the principles of circular bio-economy, EU regulation on biowaste, good practices of biowaste collection and treatment in the EU, SCALIBUR products and pilots, and the initial steps towards improving biowaste collection in your municipality in accordance to circularity principles.

Chapter 1- Circular bioeconomy in Europe

ROOTS
circular policies
for changing
the biowaste System

POSITION PAPER

Utopia TUP! SCALIBUR VALUEWASTE hoop

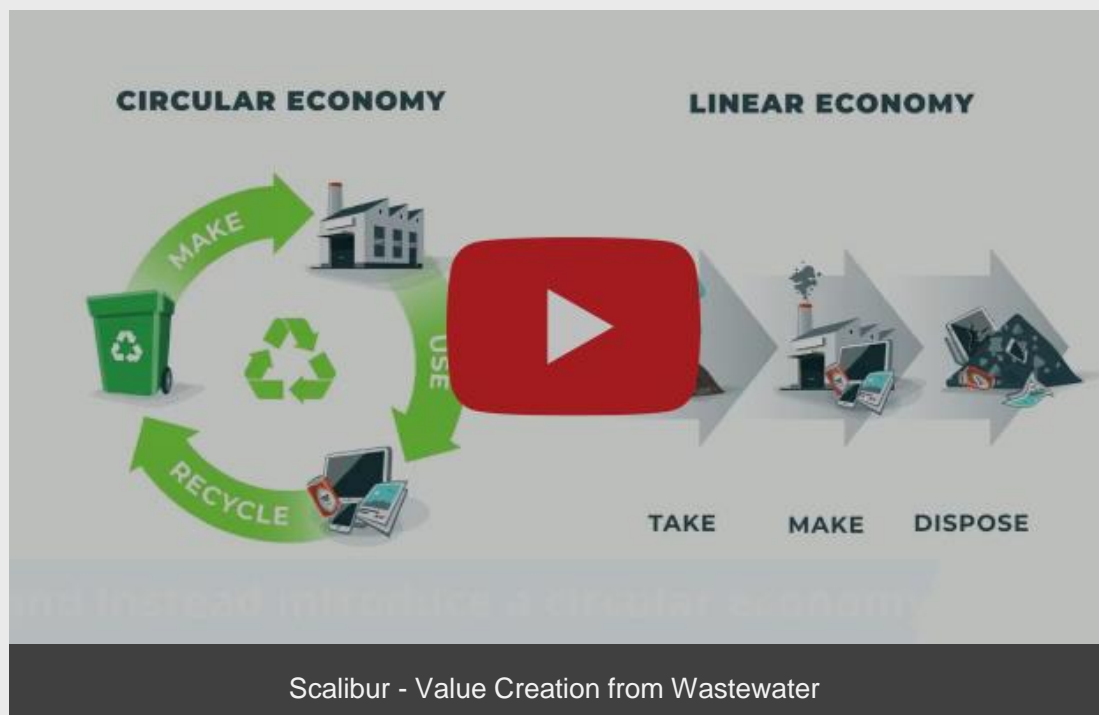
SCALIBUR is one of the five European projects of the ROOTS initiative, who met with representatives from nine European cities and regions to discuss the challenges that local communities face regarding the collection and the valorisation of biowaste streams. These inputs will help the ROOTS partners to release a new position paper destined to reach EU policymakers.

Read more [here](#)

As part of the European Commission's Horizon Results Booster, SCALIBUR, along with four other projects, have established the project group "Value Creation from Wastewater". Under this initiative, the project group selected and mapped their key exploitable results and developed a joint portfolio of complementary results.



Read more [here](#)



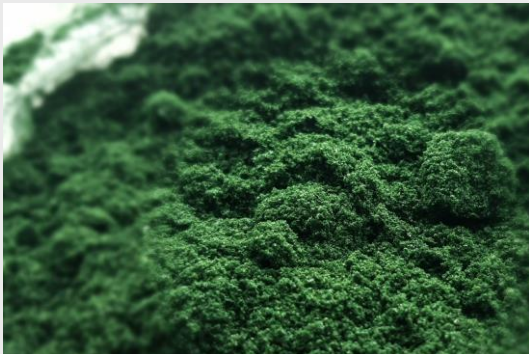
Food for thoughts

Nutri2Cycle project - [Manure biostabilization by effective microorganisms as a way to improve its agronomic value](#)

Alg-AD project - [Microalgae is nature's 'green gold': our pioneering project to feed the world more sustainably](#)

Project news

The Flemish Algae month

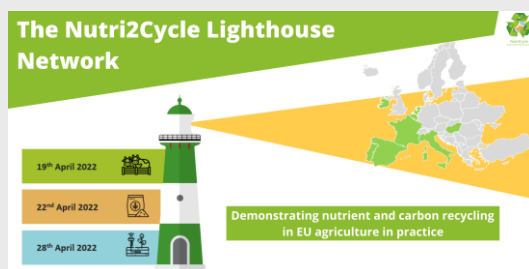


The Flemish Algae Month Event (FAME) has been postponed to May. Three consecutive events will take place focusing on different aspects of microalgal technology. On May 4th will be discussed the use of (micro)algae in the food industry (ILVO-Flanders Food), while on May 12th the focus will be on the development and upscaling of a circular economy based on microalgae (Radius, Thomas More campus Geel). Finally on May 19th the topic will be the use of agricultural and food side streams for the cultivation of microalgae (UGent-Innolab),

Interested? Discover more on the events [here](#)

Project News

The 'Nutri2Cycle Lighthouse Network' webinar series



The Nutri2Cycle project aims to close the existing carbon (C), nitrogen (N), phosphorus (P) flows, proposing an integrated approach to create a more efficient and sustainable farm business models for nutrient recovery and recycling.

With the aim to put theory in action, the Nutri2Cycle consortium is organizing a series of webinars, which are intended to present the lighthouse prototypes of nutrient management approaches and innovation. The lighthouse demos will demonstrate the research outcomes at relevant pilot, field, farm scale in order to assess the technical feasibility of the proposed solutions and favor their transferability across the EU

regions.

Read more and register [here](#)

Project news

F-Cubed & Life-CompOlive: Towards a Circular Olive Industry



F-Cubed aims to valorise the residues for the benefit of the European circular economy as a whole as well as creating an extra revenue source for the olive farmers. Through hydrothermal treatment, the project partners extract oil and nutrients and convert the effluent into biogas and intermediate bioenergy carriers, all of which can be utilised across a range of industrial sectors.

Read more [here](#)

Project news

Fertimanure released its 4th newsletter!



Fertimanure released its 4th eNewsletter!

Check it out to discover how the project develops and implements the activities and actions planned.

Read more [here](#)

Project news

ReNu2Farm CAP launches a survey for the recreational sector and private users



The ReNu2Farm CAP consortium developed a survey for the recreational sector and the private users to better understand the knowledge gaps that are hampering the RDFs market uptake.

Are you working in the recreational sector? or do you know people from the sector?

Support us and participate in our survey, or forward it to people that could be interested, to help us investigating the existing barriers for use of recycled nutrients and identifying the needs of the targeted sectors.

Read more [here](#)

Project news

The final event of the New-C-Land project



The partners of the New-C-Land project (Interreg France-Wallonie-Vlaanderen program) are pleased to invite you to their closing event which will take place on Tuesday, June 14, from 12.30pm to 5.00pm in Charleroi (Belgium). Come and discover the results of the project, its lessons learned and feedback during an afternoon of conferences.

Read more [here](#)

Project news

Ecoval: From sewage treatment plants to biofactories. The potential of water in the circular economy



Cetaqua and FEUGA are organising the event “From sewage treatment plants to biofactories: the potential of water in the circular economy“, that will take place on 7 April, both in on-site and online formats. This event aims to explore the concept of biofactories and present the technical advances of both projects. In addition, the social, legal and market barriers for the valorisation of high added value products for agriculture and industry, such as sludge or biofertilisers obtained from waste flows from urban water treatment plants, will be discussed.

Read more [here](#)

Project news

ECOFUNCO Final Event: 1st Conference on Green Chemistry and Sustainable Coatings



ECOFUNCO is a European research project which is developing new bio-based coatings for plastic and cellulosic substrates. For the closing event of the project, the ECOFUNCO consortium is organising the 1st Conference on Green Chemistry and Sustainable Coatings. The conference will take place on 17 and 18 June 2022 in Pisa, Italy, and will be streamed online.

Registrations to attend the conference will open soon. The conference will be open to abstracts and poster submission. More details will be published soon.

Read more [here](#)

Get involved...

[UGENT - Resource Lab and Precision Scoring - Phd student](#) [deadline 16 April 2022]

[European Biogas Association - Policy Officer](#) [deadline 15 April 2022]

Upcoming events

Save the date!



EUBCE 2022

9-12 May 2022, Marseille & Online, France

EUBCE is the largest biomass conference and exhibition in the world.

Each year, EUBCE brings together the greatest minds and latest advancements in biomass, with the aim of accelerating research and market uptake across the globe. During the conference, over 2,000 experts from both academia and industry share and discuss groundbreaking ideas, technologies, applications, and solutions for the sourcing, production, and utility of biomass.

[Continue reading](#)



ManuREsource 2021

11-13 May 2022, 's Hertogenbosch, The Netherlands

ManuREsource is an international conference stimulating the exchange of experiences between regions on the policy measures taken for coping with manure surpluses, both in terms of manure management in a broad sense, and more specifically in terms of manure treatment.

[Continue reading](#)



ESPC4 & PERM5 (Phosphorus in Europe Research Meeting)

20-22 June 2022, Vienna & Online, Austria

The European Sustainable Phosphorus Conferences are unique events bringing together companies, stakeholders, regional and national authorities, innovation and researchers, to discuss phosphorus and nutrients sustainability actions and policies. This fourth conference ESPC4 follows from the previous three successful ESPC conferences.

[Continue reading](#)

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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