



## Nutrient Recycling Community

*A joint initiative of Biorefine Cluster Europe and H2020 FERTIMANURE*

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29<sup>th</sup> March 2022



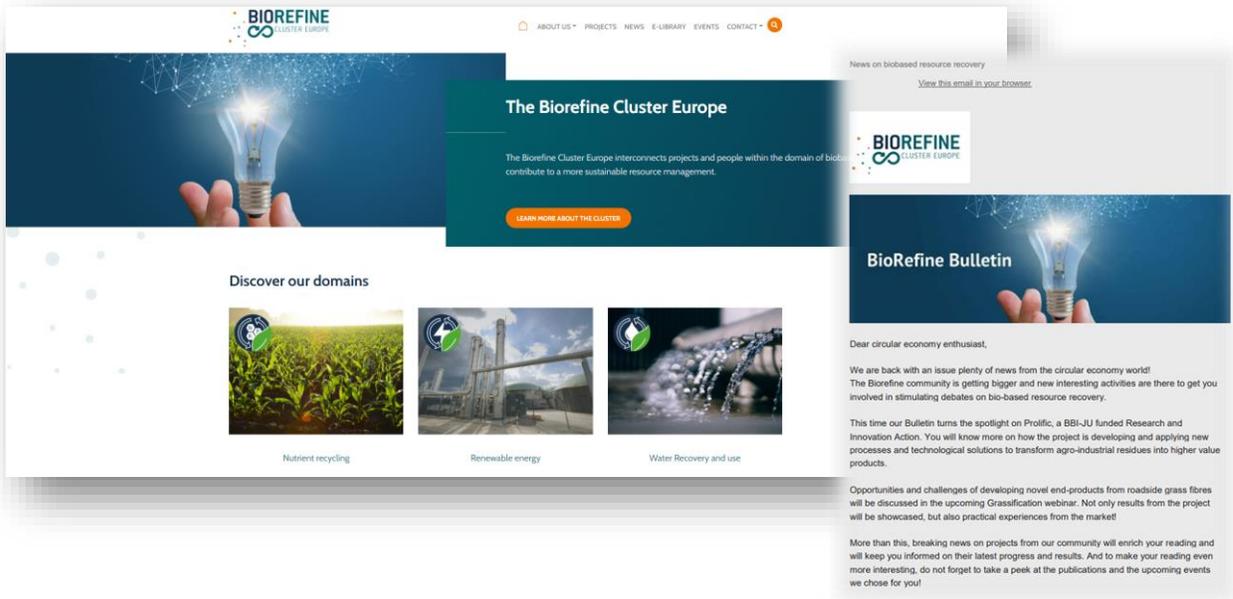
# About Biorefine Cluster Europe



The Biorefine Cluster Europe interconnects projects and people within the domain of biobased resource recovery, striving to contribute to a more sustainable resource management.

## 6 thematic areas

- Nutrient Recycling
- Renewable energy
- Water Recovery & Reuse
- Biochemicals
- Biomaterials & Eco-design
- Value Chain Assessment



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

[@Bioref\\_Cluster](https://twitter.com/Bioref_Cluster)

[Biorefine Cluster Europe](https://www.linkedin.com/company/biorefine-cluster-europe/)

## About H2020 FERTIMANURE project



### Innovative nutrient recovery from secondary sources – Production of high-added value FERTILISERS from animal MANURE

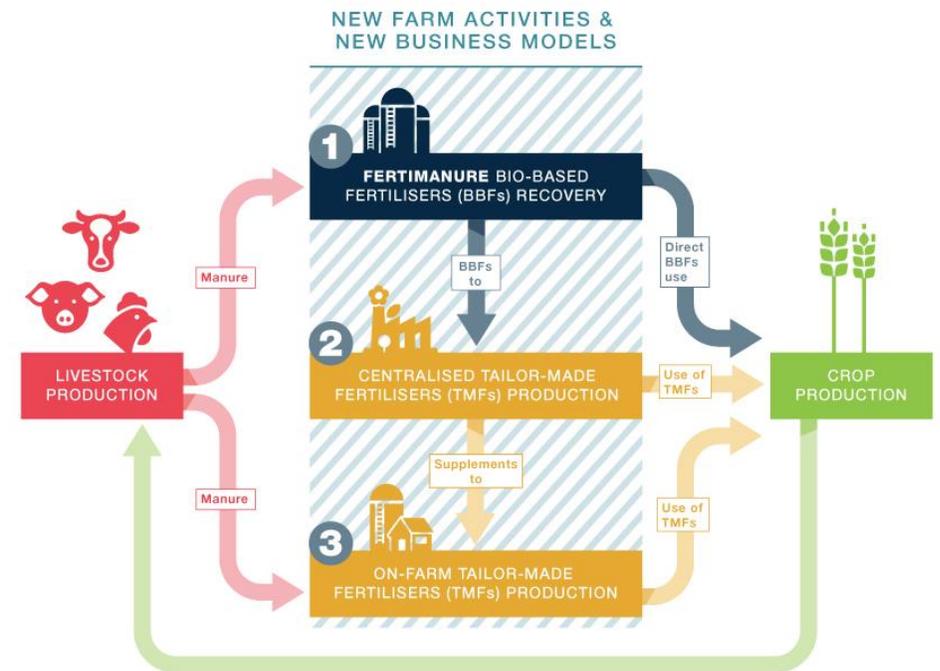
CE-RUR-08-2018-2019-2020: Closing nutrient cycles - *Subtopic B – Bio-based fertilisers from animal manure*

January 2020 – December 2023

Develop, integrate, test and validate innovative Nutrient Management Strategies to efficiently recover mineral nutrients and other relevant products with agronomic value (organic amendments and biostimulants) from animal manure, to finally obtain reliable and safe fertilisers that can compete in the European fertilizers market.

- **5 on-farm pilots** for nutrient recovery from animal manure.
- **19 different BBFs** fertilisers.
- Innovative procedure to produce **on-farm TMFs**.
- Creation of the **TMF Nutrition Tool** to formulate TMFs.
- **New business models** targeting farmers and the fertilisers industry.

### FERTIMANURE CIRCULAR ECONOMY STRATEGY



## The Nutrient Recycling Community – Aims



*BIOREFINE* and *FERTIMANURE* have strengthened ties to relaunch the community group, called ***Nutrient Recycling Community***, and boost its activities and interaction among BCE members. This group aims to foster collaboration with relevant initiatives and projects in Europe related with nutrient recycling and serve as a platform to exchange knowledge and good practices.

- Clustering of Projects working on nutrient recycling.
- Identification of common challenges and needs in the field of nutrient recycling.
- Knowledge sharing and exchange to move towards common methodologies and approaches.
- Promote joint experiments and joint publications.
- Promote the preparation of new projects.
- Staff exchange through secondments or others.

## The Nutrient Recycling Community – Knowledge sub-groups



In order to be better focused and be more productive, the following sub-groups have been defined:

1. **Technologies** for nutrient recovery



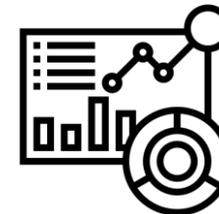
2. **Agronomic** performance of fertilising products



3. **Sustainability** assessment (environmental, economic and social)



4. New **business** models and market opportunities for BBFs



5. **Policy** working group



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4. New business models and market opportunities for BBFs



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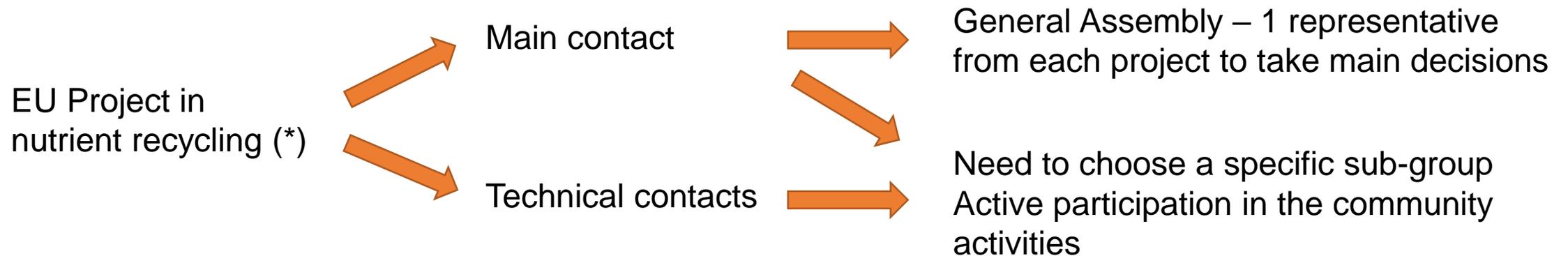
Nutri2Cycle

## The Nutrient Recycling Community – Activities



- ➔ **Technical webinars (on-line activities)**  
Including specific presentations made by the projects participating in the community
- ➔ **Thematic expert workshops and Round tables (face to face activities)**  
Thematic discussion sessions including speeches and round tables for discussion
- ➔ **Events with relevant stakeholders (on-line and/or face to face activities)**  
Invitation of relevant stakeholders (policy makers, companies, clusters, etc) + presentations made by the projects of the community + discussion session
- ➔ **Cooperation and involvement in relevant events**  
Active participation in relevant events (ESPP, ManuResource, ESNI, Biorefine Cluster Europe, projects events, etc).
- ➔ **Training activities focused on PhD students**  
Summer schools, secondments between different institutions, specific webinars for PhDs, among others
- ➔ **On-line platform for information/news exchange**  
Announcement of job offers, searching for specific partners and any other information that you want to share.

## The Nutrient Recycling Community – How will be organised?



(\*) The project has to be a member of BCE

## The Nutrient Recycling Community – On-going activities



### Policy Working Group on Nutrient Recycling



### FACILITATION ROLE TO BRING THE INNOVATION TO THE POLITICAL LEVEL EFFICIENTLY AND WITH A HIGHER IMPACT

- Identifying opportunities based on strategic challenges.
- Hot spots identification.
- Capitalising the results obtained in the funded Projects.
- Identify policy relevant information to produce: White Papers, Position Papers, Policy Papers
- Participation in consultations and have influence in future strategies, policies, etc.
- Helping on better focusing the future funding.

*This initiative will continue in the framework of the Nutrient Recycling Community*

## The Nutrient Recycling Community – Save the date!



**29<sup>th</sup>  
April**

14:00 – 16:00 CET



1<sup>st</sup> introductory webinar for the **technologies** for nutrient recovery working group

**6<sup>th</sup>  
May**

14:00 – 16:00 CET



1<sup>st</sup> introductory webinar for the **sustainability** assessment working group

**15<sup>th</sup>  
June**

14:00 – 16:00 CET



1<sup>st</sup> introductory webinar for the **policy** working group

# The Nutrient Recycling Community – Save the date!



And then... We will meet on...



11-12 May in  
's Hertogenbosch (NL)



30-31 May in  
Gent (BE)



20-22 June in  
Vienna (AT)

## The Nutri2cycle Lighthouse Network



19 <sup>th</sup> April 2022	
22 <sup>nd</sup> April 2022	
28 <sup>th</sup> April 2022	

Demonstrating nutrient and carbon recycling  
in EU agriculture in practice



Webinar series on Lighthouse Demo Solutions

The Nutrient Recycling Community – Join us!



## ARE YOU INTERESTED IN JOINING US?

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Thank you