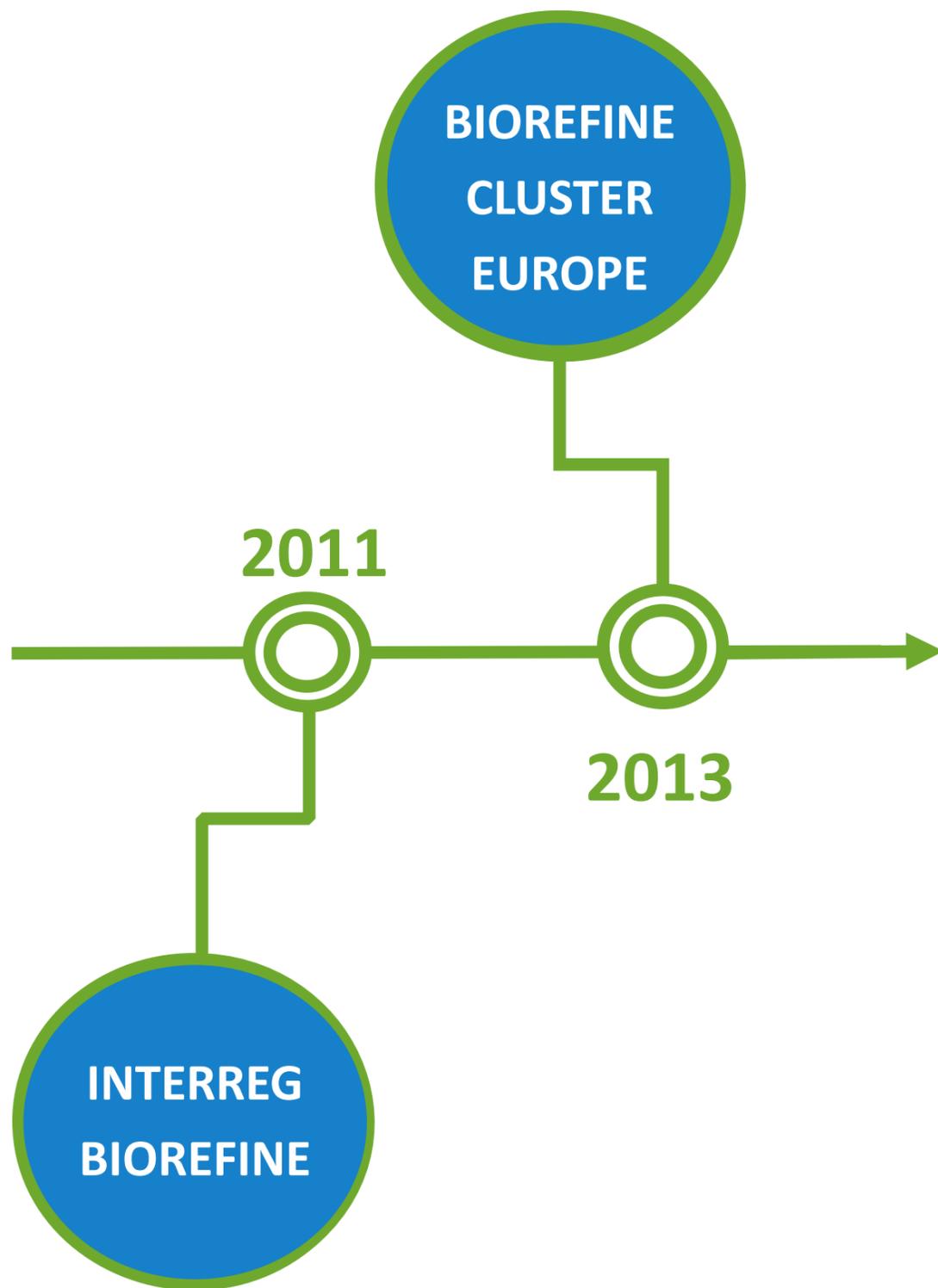


4th Phosphorus in Europe Research Meeting

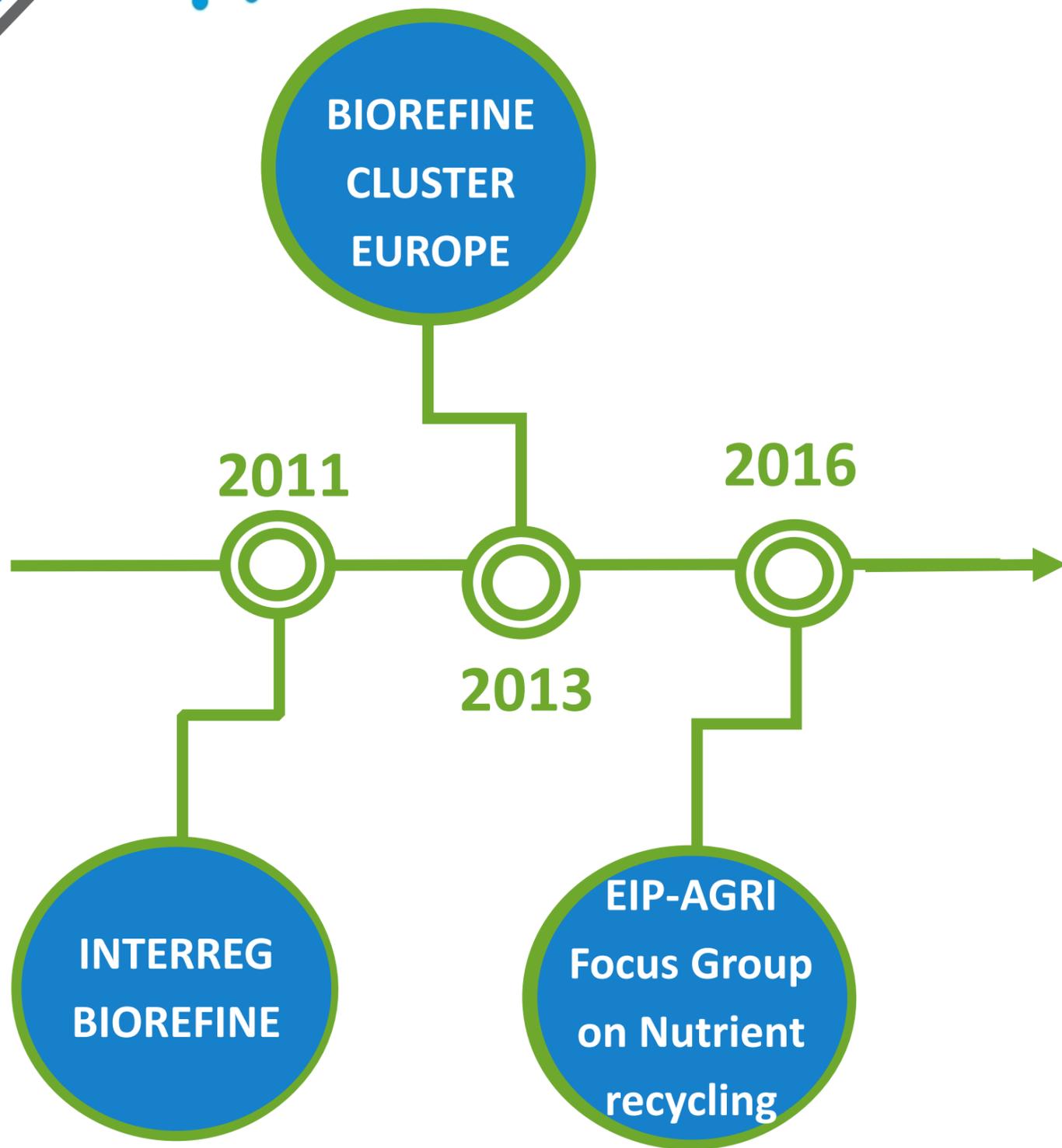
Thematic networks initiatives on nutrients

Dr. Ana A. Robles–Aguilar

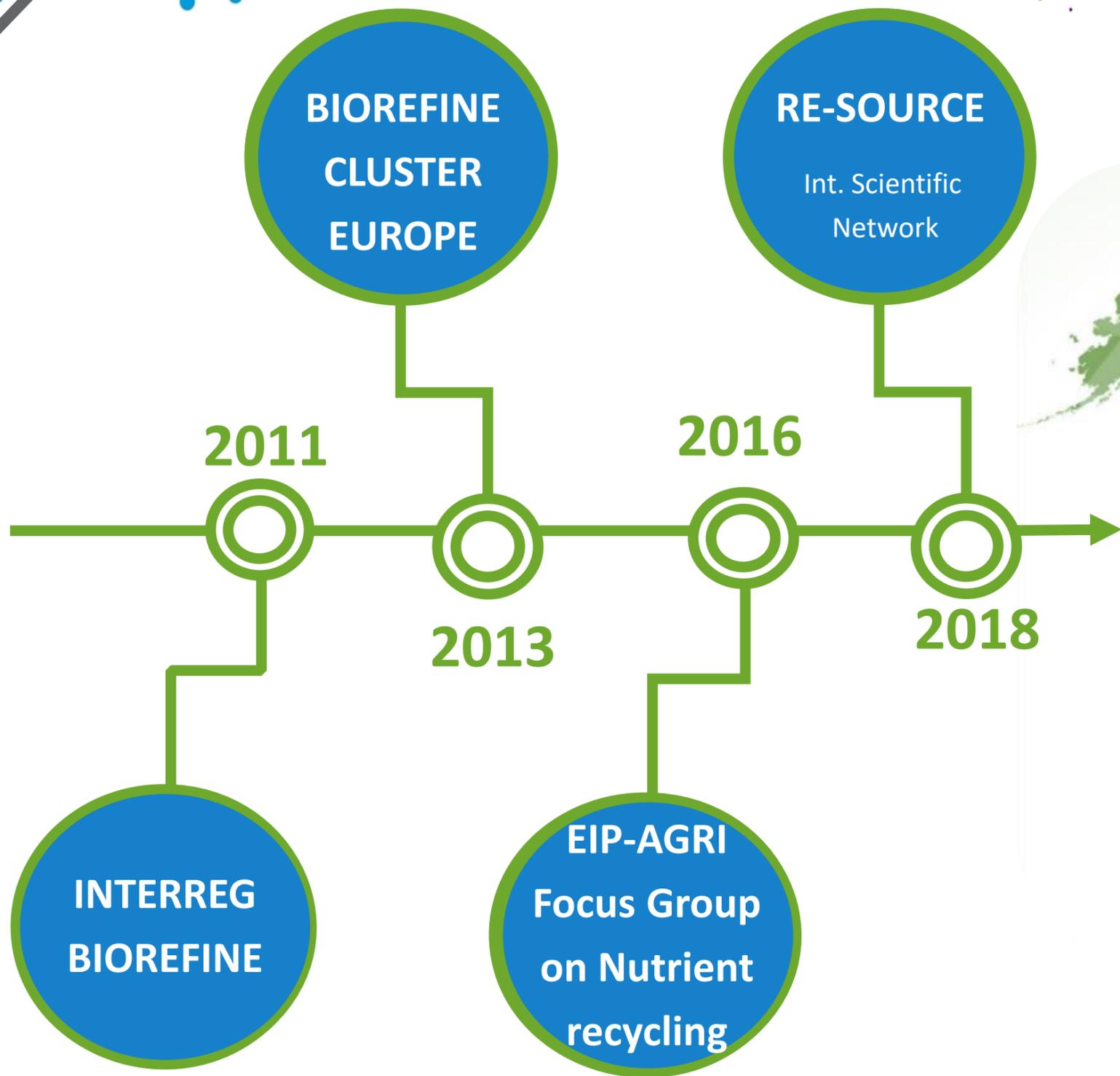
2nd June 2021



WWW.BIOREFINE.EU



EIP-AGRI Focus Group
Nutrient Recycling



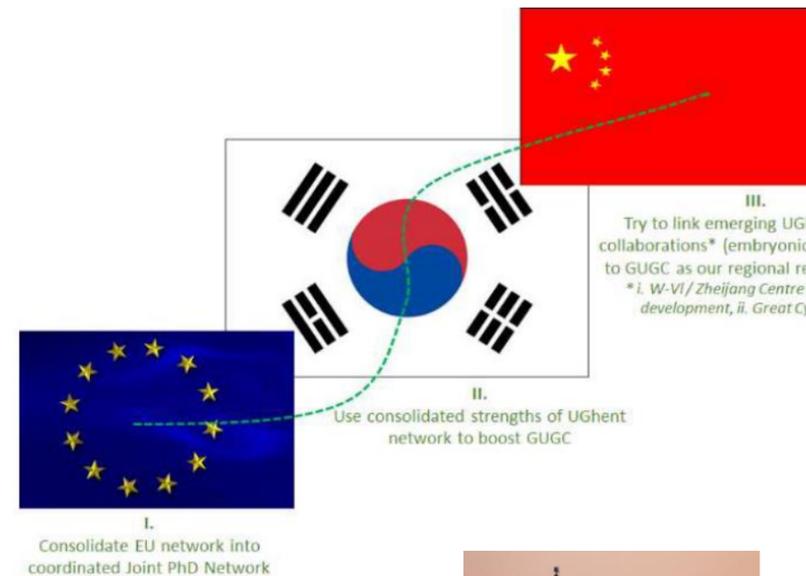
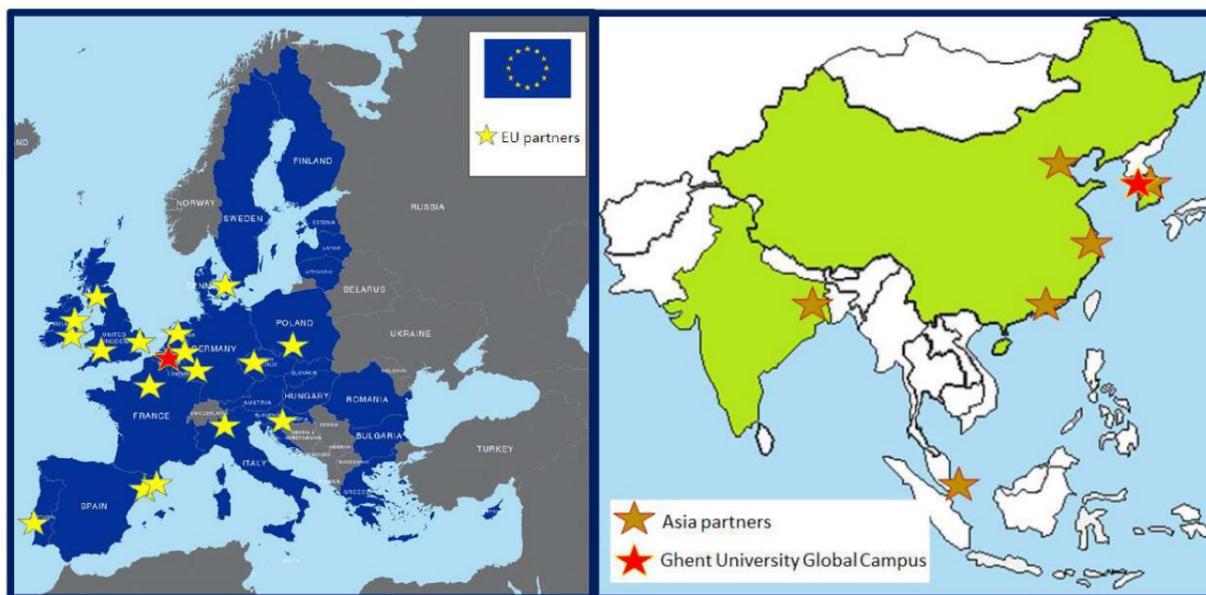
ITN RE-Source : PARTNERS

Different disciplines



12 EU Partners

>20 International Partners



9 Asian Partners

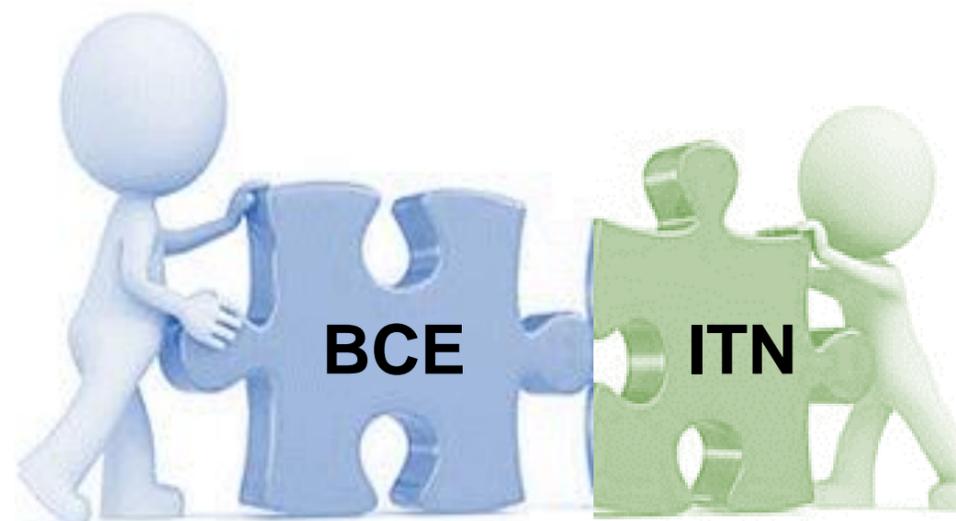


2 North/South American Partners

UPCYCLING ORGANIC WASTES & BY-PRODUCTS TO RENEWABLE RESOURCES AND PRODUCTS

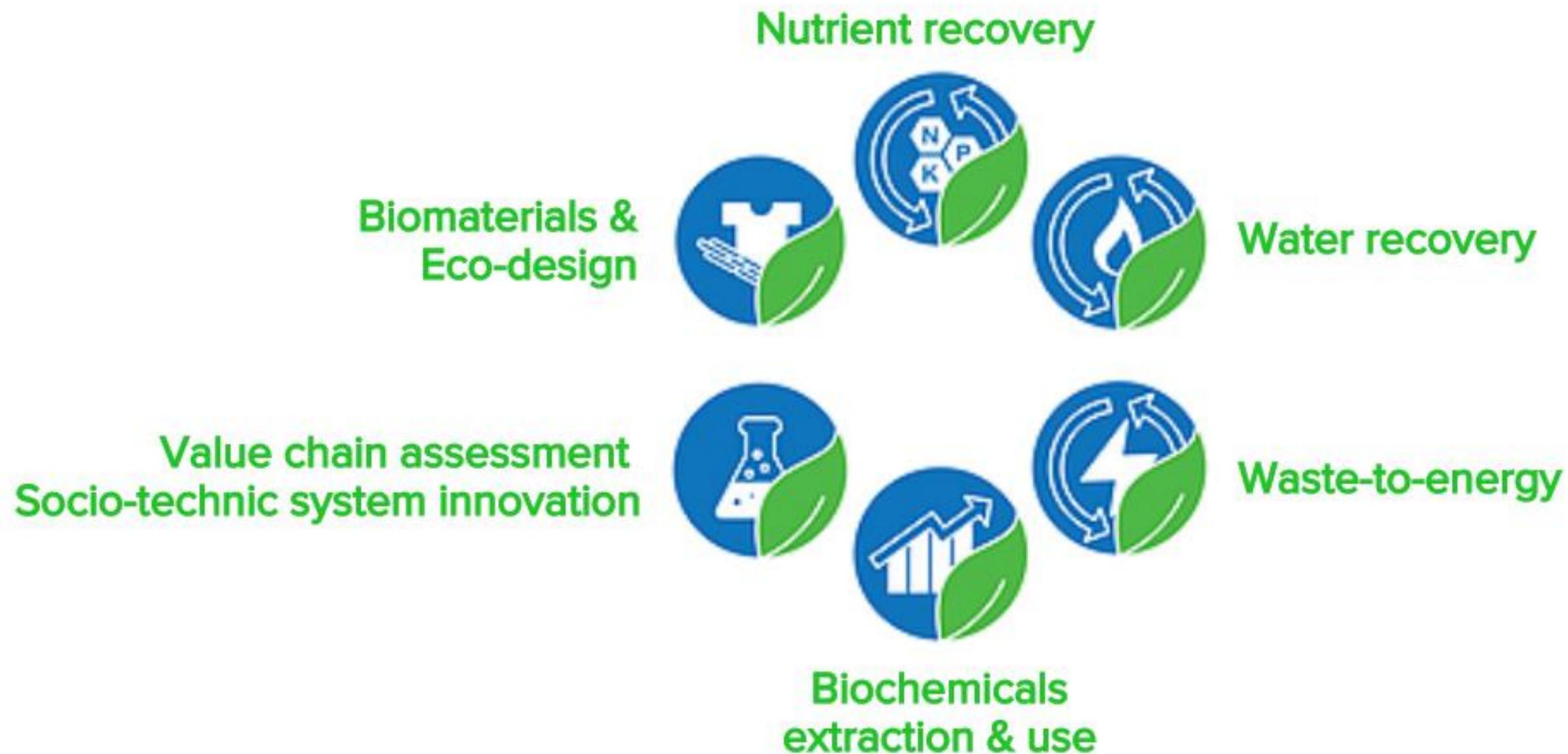


Clustering EU projects towards joint output & communication



Scientific expert program
community exchange and
supporting educational program

WORKING GROUPS



WORKING GROUPS

Nutrient recovery

Biomaterials & Eco-design



Water recovery

Value chain assessment
Socio-technic system innovation



Waste-to-energy

Biochemicals
extraction & use

EXCHANGE PROGRAMS



Joint PhD network

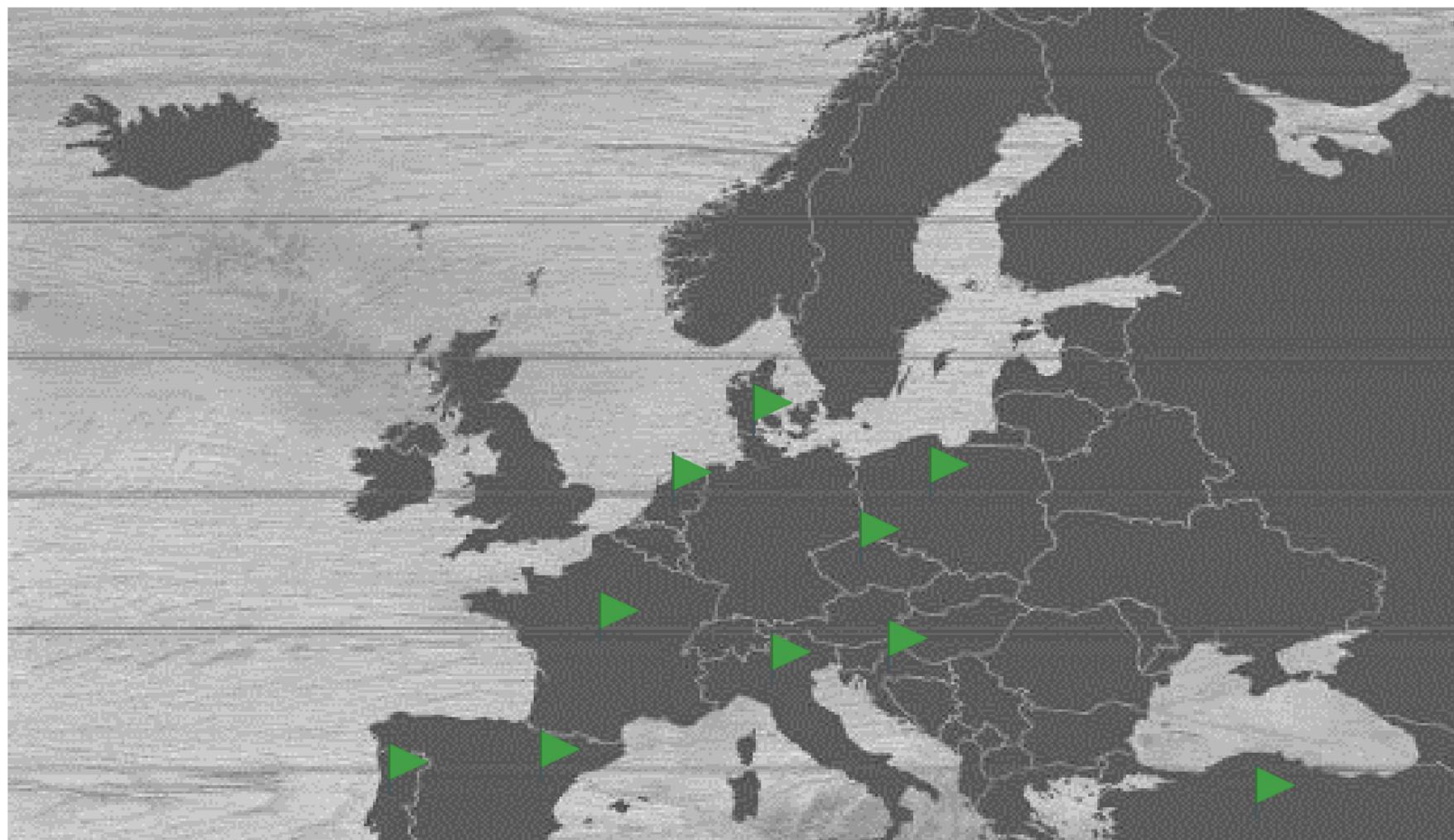
Partner institutes wishing to visit other institutions for at least 6 months in frame of a dual degree

EXCHANGE PROGRAMS



Joint PhD network

Partner institutes wishing to visit other institutions for at least 6 months in frame of a dual degree
There are \approx 25 ongoing joint PhDs & postdocs



Uni. Milano

Zagreb Uni.

Inst. Sup. Agronomia

Uni. Copenhagen

Wageningen Uni.

Częstochowa Uni. Techn.

Institute Plasma Physics

INERIS

IRTA

Mersin Uni.

EXCHANGE PROGRAMS



Joint PhD network

Partner institutes wishing to visit other institutions for at least 6 months in frame of a dual degree

There are ≈ 25 ongoing joint PhDs & postdocs



Marie-Curie ITN –innovative training networks

AgRefine: creating new agri-waste valorization pathways

Ferticycle: biobased fertilizers from organic waste upcycling

EXCHANGE PROGRAMS



Joint PhD network

Partner institutes wishing to visit other institutions for at least 6 months in frame of a dual degree

There are ~ 25 ongoing joint PhDs & postdocs



Marie-Curie ITN –innovative training networks

AgRefine: creating new agri-waste valorization pathways

Ferticycle: biobased fertilizers from organic waste upcycling



IMETE Erasmus Mundus program: The International Master of Science in Environmental Technology and Engineering

- Ghent University
- UNESCO-IHE Institute for Water Education in the Netherlands
- Institute of Chemical Technology Prague in the Czech Republic
- Associated partners in education, research and industry

STUDENT SEMINARS AND SCHOLARSHIPS



Summer/Winter Schools

“Transition towards a more carbon, nitrogen and phosphorus efficient agriculture in Europe” – Summer 2019

“Waste processing and up-cycling concepts” – Feb 2021 in collaboration with University of Copenhagen



STUDENT SEMINARS AND SCHOLARSHIPS



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China Scholarship Council or Research Foundation Flanders

Looking for collaboration and external funding

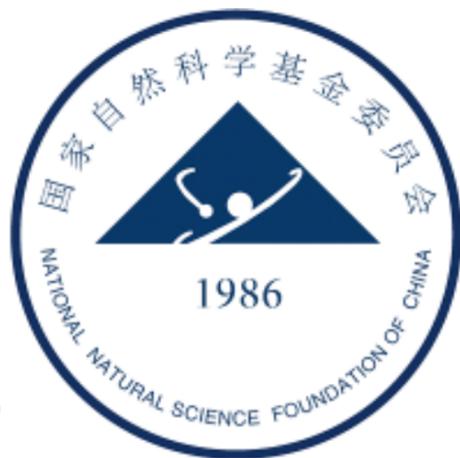


CONSOLIDATED NETWORK WITH ASIAN PARTNERS



Ghent university global campus: Korean program

Ghent University Global Campus (GUGC) on Incheon, South Korea
All programs are accredited both in Flanders and Korea with Gent University degrees

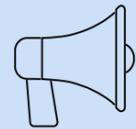


Participation in joint project proposals

Part of the EU- China Flagship Initiative



WHAT DO YOU GAIN FROM BEING PART OF THE NETWORK?



- Increase your scientific output



- A joint doctorate can be the starting point of a more intense cooperation with the partner university (future joint research projects...)



- Financial reward: the cooperating university might also finance a part of your research



- International experience: thinking out of the box

JOINT EVENTS ON NUTRIENTS

European Sustainable Nutrient Initiative ESNI

The reference EU event on nutrient recycling

esni ∞

European Sustainable Nutrient Initiative 2019

Tuesday 22 January, Brussels
#ESNI

BIOREFINE CLUSTER EUROPE



BIOREFINE CLUSTER EUROPE
www.biorefine.eu

ESNI ∞

European Sustainable Nutrient Initiative

Join us online on 27 October

Goes virtual!



JOINT EVENTS ON NUTRIENTS

- Gather policy-makers, researchers, industry representatives & many other stakeholders
 - To put nutrient recycling high on the EU circular economy agenda
- a comprehensive overview on the opportunities and benefits of nutrient recycling
- boost research, agriculture and sustainable development
- Different parallel workshops on {policy measures, innovative solutions and technological developments}



JOINT EVENTS ON NUTRIENTS

BCE and Re-Source are involved in the supporting and in the dissemination of events

RRB 2021
RENEWABLE RESOURCES & BIOREFINERIES



6-8 September 2021
Aveiro, Santiago Campus - Portugal



24-26 November 2021
The Netherlands ('s Hertogenbosch)

4th European Sustainable Phosphorus Conference 2020 (ESPC4)



MEET THE TEAM



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Research line: Increasing
Agronomic efficiency of recycled P

ITN Re-Source Coordinator



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Biorefine Cluster Europe



@Biorefine Cluster Europe

An aerial photograph of a circular road winding through a dense forest. The road is a light grey color and forms a nearly perfect circle in the center of the frame. The surrounding forest is lush green, with some darker green areas and a few yellowish trees. The text "Questions or Suggestions?" is overlaid in white, bold font in the center of the road.

**Questions
or
Suggestions?**