

Conference programme

9:30	Welcome		
10:00	Plenary session		
10:00	Opening: Prof. Erik Meers, Ghent University		
10:20	<i>State of play of the SAFEMANURE initiative:</i> Wim Debeuckelaere, DG ENVI		
10:35	<i>Roadmap to comprehensive EU policy on nutrients:</i> Pavel Misiga, DG RTD		
10:50	<i>European Innovation Partnership – an overview on the EIP-AGRI activities on nutrients in the CAP and H2020:</i> Gaetan Dubois and José Ruiz, DG AGRI		
11:20	Project pitches		
11:45	Lunch & poster session		
12:40	Parallel workshops: session 1		
	ReNu2Farm ROOM 1	Systemic ROOM 2	NUTRIMAN ROOM 3
14:00	Coffee break		
14:25	Parallel workshops: session 2		
	Nutri2Cycle ROOM 1	Phos4You ROOM 2	Circular Agronomics ROOM 3
15:45	Plenary wrap-up		
16:15	Networking reception		

Workshops first session

12:40 Room 1	ReNu2Farm
Topic	<p>Policy measures on nutrient recycling in circular economy: legal framework, barriers, solutions and challenges.</p> <p>The workshop will give a clear overview of the complexity of the legal framework on recycling-derived fertiliser products. Legislative restrictions at the EU level and differences between the member states bring an administrative and financial burden on the (trans)national marketing and transport of recycling-derived fertiliser products. Solutions are sought at the EU level in the revision of the EC-fertiliser regulation and the STRUBIAS and SAFEMANURE initiatives. However, the outcomes are still uncertain and will not tackle all obstacles. In the workshop, it will be explored which challenges remain and which policy measures are needed to solve these problems.</p>
Moderator	Bernhard Wern, IZES, ReNu2Farm project coordinator.
Speakers	<p>Introduction:</p> <ul style="list-style-type: none"> • Katharina Laub IZES: ReNu2Farm • Laura van Schöll, NMI: Legislative framework overview <p>Success stories of producers of recycling derived fertiliser products:</p> <ul style="list-style-type: none"> • (speaker to be confirmed): Struvite • Gerd-Jan de Leeuw, BMC: Ashes-derived fertiliser • Adrie Veeken, Attero: Compost • (speaker to be confirmed): Ammonium nitrate from manure treatment <p>General discussion, conclusions and policy recommendations</p>

Workshops first session

12:40 Room 2	SYSTEMIC
Topic	Nutrient recovery at large scale plants: drivers and experiences
Moderator	Oscar Schoumans, Wageningen Research (coordinator SYSTEMIC)
Speakers	<ul style="list-style-type: none"> • Inge Regelink (Wageningen Research): Introduction to SYSTEMIC. • Geo Smith (Nijhuis Industries) and Roel Beunk (Biogas plant Groot Zevert): Strategy and challenges to valorise digestate and to produce biobased fertilisers as replacement for chemical and organic fertilisers. • Marieke Verbeke (VCM): How to give a boost to circular economy, practical implementation by means of living lab approach.

12:40 Room 3	NUTRIMAN
Topic	Preparing a comprehensive overview of European market-ready innovative nutrient recovery technologies and products
Moderator	Rembert van Noort, ZLTO
Speakers	<ul style="list-style-type: none"> • Edward Someus (NUTRIMAN coordinator): Compiling knowledge for N/P recovery innovative technologies and products ready for practice. • Christophe Boogaerts (VLACO): Case 1 - Economical compost and digestate process management. • Edward Someus (NUTRIMAN coordinator): Case 2 - Economic recovery of innovative Phosphorus fertilizers. • Jean-Philippe Bernard (APCA): Practical experiences of using NUTRIMAN results to disseminate potential solutions to stakeholders, including farmers. • Q&A and moderator summary

Workshops second session

14:25 Room 1	Nutri2Cycle
Topic	Launching national practice platforms on nutrient recycling in agriculture, under a European umbrella
Moderator	Jan Leenknecht, Inagro
Speakers	<ul style="list-style-type: none"> • Evi Michels (UGent): Nutri2Cycle: Transition towards a more carbon and nutrient efficient agriculture in Europe • Jeanet Brandsma (Brandsma Dairy Farm): Best practice on closing nutrient loops in farms at regional level • Anke De Dobbelaere (Inagro): Agri-research for and with farmers: an example of an EIP-AGRI Operational Group • Rembert van Noort (ZLTO): Starting up national collaborative platforms on nutrient recycling in the EU – showcase for the Netherlands • Q&A session
14:25 Room 2	Phos4You
Topic	How do water authorities get prepared to recover phosphorus from municipal wastewater?
Moderator	Marie-Edith Ploteau, Lippeverband (Phos4You coordinator)
Speakers	<ul style="list-style-type: none"> • Sam Geerts, Aquafin: highlight the strategic development for phosphorus recycling of the Flemish Water Authority • Frank Zepke, EuPhoRe GmbH: feature the decisive aspects for an innovative technology to get through the market. • Pierre Thiriet, IRSTEA: present a first version of GIS based Decision-Support-Tool to help water authorities to select phosphorus recovery technology.

Workshops second session

14:25 Room 3	Circular Agronomics
Topic	Beyond research: The role of companies in <i>Circular Agronomics</i>. Development of innovative technologies on nutrient recovery
Moderator	Dr. Victor Riau, IRTA (Circular Agronomics coordinator)
Speakers	<ul style="list-style-type: none"> • Dr.-Ing. Andreas Dünnebeil, PONDUS Verfahrenstechnik GmbH. Nitrogen recovery from urban waste/food waste with vacuum degasification for nitrogen depletion of residues and recovery as fertilizer • Dr.-Ing. Wim Moerman, NURESYS. Phosphate mining opportunities in soy-bean processing • Dr. Marek Holba, ASIO wastewater and water treatment. Organic carbon recovery from whey-industry wastewater to produce animal fodder additives and humus • Dr. Belén Fernández, IRTA. Solar drying of animal dejections for organic fertilizer production