



PHOS4YOU FINAL CONFERENCE

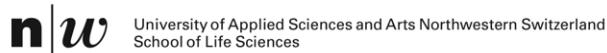
Phosphorus recovery from wastewater:
 approaches developed within Phos4You

22nd – 23rd September 2021

Essen - Germany & online

Event location: Ruhrturn, Huttropstrasse 60, 45138 Essen

- Preliminary programme -



Programme 22nd September 2021

Moderation: Daniel Frank, DECHEMA e.V.

09:30 Registration and welcome coffee

10:00 OPENING

Waterboards tackling the circular economy in Germany

Uli Paetzel, German Water Association and CEO Emschergerenossenschaft Lippeverband (EGLV)

10:30 EUROPEAN CONTEXT OF THE PHOSPHORUS CHALLENGE

Conferring the “End-of-Waste” status with the EU fertilising products regulation

Jérémy Pinte, EU COM - DG GROW

Opportunities for phosphorus recycling in Europe today and tomorrow

Chris Thornton, European Sustainable Phosphorus Platform

Lessons learned from the Phos4You project and introduction to the presented results

Marie-Edith Ploteau, Lippeverband

12:00 Lunch break

13:00 URBAN CONTEXT AND DEPLOYMENT OF PHOSPHORUS RECYCLING

EuPhoRe® process - Experiences and deployment potential

Frank Zepke, EuPhoRe GmbH

Bioacidification combined with STRUVIA™ process - Results of demonstration and modelling works

Marie-Line Daumer, INRAE and Cédric Mébarki, Véolia

PULSE process - Outcomes of the mobile pilot plant trials

Zaheer Shariff, Université de Liège

Tetraphos® process applied to NL and DE sewage sludge ashes - comparative analysis

Andreas Rak, REMONDIS Aqua GmbH & Co. KG

PARFORCE process - Results of trials with sewage sludge ashes of Emscher-Lippe-Region

Martin Gunther, PARFORCE Engineering & Consulting GmbH

14:30 Coffee break

15:00 Scenarios for implementing the mandatory phosphorus recovery in Switzerland

Anders Nättorp, Fachhochschule Nordwestschweiz

Sewage sludge incineration plant´s operators on the way to recycle phosphorus from sewage sludge ashes in The Netherlands

Josien Ruijter, HVC Groep and Luc Sijstermans, Slibverwerking Noord-Brabant

Strategical options for recycling phosphorus from wastewater in the Emscher-Lippe region

Dennis Blöhse, Lippeverband

16:30 GET TOGETHER AT RUHRTURM (ENDS AT 18:00)

19:00 Optional: Networking dinner in the city centre of Essen

Click [here](#) for registration

Programme 23rd September 2021

08:30 Registration and welcome coffee

9:00 PHOSPHORUS RECYCLING AND NUTRIENT MANAGEMENT IN THE EU

Key Note: Perspectives for nutrient management in Europe from the perspective of the Farm-to-Fork Strategy and the Common Agricultural Policy

Gijs Schilthuis, EU COM - DG AGRI

Panel discussion: What is needed to successfully implement phosphorus recycling?

Gijs Schilthuis, EU COM - DG AGRI; Burkhard Teichgräber, EGLV; Marc Collin, Prayon S.A.; Ian Marshall, Irish Nutrient Sustainability Platform; Ministerie van Infrastructuur en Waterstaat (t.b.c.)

10:30 Coffee break

11:00 RURAL CONTEXT AND DEPLOYMENT OF PHOSPHORUS RECYCLING

Needs for phosphorus removal at small wwtp - Avoidable loads from agglomerations and scattered dwellings not covered yet by the urban wastewater treatment directive

Alberto Pistocchi, EU COM - Joint Research Centre

Decision-support tool developed to identify the potential application of P recovery solutions at the scale of EU countries

Pierre Thiriet, for INRAE

Recommendations for stakeholders engagement based on Scottish and Irish experiences

Tamsyn Kennedy, Scottish Water

Development of a crab-carapace based adsorbent for Filtraflo™ P

Szabolcs Papp, Environmental Research Institute, University of the Highlands and Islands

Phosphorus removal and recovery with STRUVIA™ at a small-scale wwtp

Joe Harrington, Munster Technological University

Microalgae as a solution for wastewater treatment: knowledge gained from operation at sewage works

Ania Escudero, Glasgow Caledonian University

13:00 Lunch break

14:00 ASSESSMENT OF PROCESSES AND PRODUCTS

Trials campaign made with EuPhoRe sewage sludge ashes at a fertiliser mixing plant

Philipp Tilemann, Raiffeisen Hunsrück Handelsgesellschaft mbH

Results of the trials campaigns made with phosphate recovered with the PULSE process

N.N., Prayon S.A.

Works and conclusions on methodological aspects for LCA-LCC of P recovery processes

Angélique Léonard, Université de Liège

Proposal for a EU-standard to assess product quality based on Phos4You works

Erik Meers, Universiteit Gent

15:30 OUTLOOK

Reduce disparities in North-West Europe - Outline of the new INTERREG funding period and opportunities for the circular economy and the recycling of nutrients

Mathieu Mori, INTERREG North-West Europe

16:15 EXCURSION TO EUPHORE® DEMONSTRATOR, DINSLAKEN (ENDS AT 19:15)

Click [here](#) for registration