

Preliminary Programme

4th Phosphorus in Europe Research Meeting (PERM)

Online, 2nd June 2021

In partnership: ESPP, Biorefine, Proman, ETA Florence

9h00 - 10h00 CEST: P-recycling research & technology update

- Welcome, networking app, meeting objectives (ESPP, Biorefine)
- Status of P-recycling technologies today (ESPP)
see [ESPP – NNP – DPP technology catalogue](#)
- P-recycling projects funded under Horizon 2020, LIFE, Interreg, nutrients and nutrient recycling in Horizon Europe and perspectives under HorizonEurope (European Commission, tbc)
- Nutrient management R&D projects inventory, ETA Florence Renewable Energies
- From project recommendations to policy implementation and user uptake
SuMaNu [Gap Analysis report](#) 2021, Henning Lyngsø Foged, Organe and Kaj Granholm, BSAG
- Questions and discussion

10h30 – 12h00 CEST: Four parallel breakout sessions

- 3'' (3 slides max.) updates on advanced/completed nutrient recycling projects and work of targeted research centres
- 2'' (1 slide) pitches presenting new / starting projects or novel PhD projects
- Discussions on research needs and cooperation

Short pitch summaries of nutrient projects and phosphorus R&D institutes: SuMaNu, Phos4You (Interreg North-West Region), RePhoKUs, Enrich (LIFE), Fertimanure (2020), MonGOS, Lex4Bio, PeGaSus (ERA-NET), Rapsodee, Phosphorus Campus Rostock, FHNW, P-TRAP, Prosumer, Run4Life, NIBIO, UGent, SMART-Plant, Reflow, TL-Biofer, WETSUS, SYSTEMIC, Water Mining (H2020), ViviMag (EIT), RecaP (ITN), FertiCycle, LOTUS ... (list to be confirmed)

- **manure nutrient recycling** – led by : Laia Llenas Argelaguet, Universitat de Vic-Universitat Central de Catalunya
- **nutrient recovery from sewage sludge** – led by UKWIR / EUREAU or Phos4You
- **contaminants, safety, LCA** – led by UGent/Biorefine
- **fertiliser properties and user uptake of recycled nutrient materials** – led by Kari Ylivainio, LUKE (Lex4Bio)

14h00 – 15:30 Perspectives for research and market uptake

- EU Farm-to-Fork and Biodiversity Strategy nutrient loss targets: research needs
- Farmers' needs and visions for recycled phosphorus products (Chambre d'Agriculture, France, tbc)
- Phosphorus recycling in Organic Farming (RELACS Horizon2020 / IFOAM tbc)
- Relating nutrient recycling to 'Soil Health and Food' HorizonEurope Mission (tbc)
- Thematic networks initiatives on nutrients (ITN-Re-source, ESNI)

Panel discussion on what research is missing, where more is needed, improving support to implementation, networking and filling gaps