

NuReDrain Final Conference Webinar: Nutrient removal from agricultural waters

Event duration: 2 hours 15 minutes

Venue: Online Event

On 1 June 2021 NuReDrain organises its final conference webinar. This webinar is the ideal opportunity for stakeholders and other interested parties to discover all the project field tests results, the modelling work on the nutrient reduction potential for end-of-pipe solutions and our latest insights on the potential phosphorus recovery and reuse.

This conference webinar has been selected as an EU Green Week Partner Event 2021.

[Event Registration >>](#)



**Filter systems
for nutrient removal
from agricultural waters**

online
webinar



**Tuesday
1 June 2021**
10:00 - 12:00



**#EUGreenWeek
2021 PARTNER EVENT**

Programme

INTRODUCTION

10h00: Setting the scene about nutrient excess in European waters: the origin, the problem and a solution - Stefaan De Neve (Ghent University)

PART I : Phosphate removal from drainage water

10h10: Low cost filterboxes to adsorb dissolved phosphates: case study Belgium – Hui Xu (Ghent University)

10h20: Sediment and reactive filter to remove particulate and dissolved phosphates: case study Denmark – Lorenzo Pugliese (Arhus University)

10h30: Inline P filter to adsorb phosphates and to deal with amorphous substances: case study Germany – Kristine Bolte (Landwirtschaftskammer Niedersachsen)

10h40: Q & A

PART II : Nitrate removal from drainage water and greenhouse effluent

10h50: Moving Bed BioReactor for greenhouse effluent and drainage water: case study Belgium – (KU Leuven)

11h00: Zero Valent Iron filter to remove nitrates and phosphates from drainage water: case study Denmark (Copenhagen University)

11h10: Moving Bed BioReactor and constructed wetland for drainage water: case study Belgium (Inagro)

11h20: Q & A

PART III : The bumpy road of phosphate recovery and reuse

11h30: Reuse of saturated filter materials as fertilizer for ornamentals and vegetables – Els Pauwels (PCS Ornamental Plant Research)

11h40: Recovery of phosphorus by chemical treatment – Nico Lambert (KU Leuven)

11h50: Q & A

PART IV : Nutrient removal modelling

12h00: Nutrient reduction potential using end-of-pipe solutions for an entire catchment – Andreas Bauwe (Rostock University)

12h10: Cost-effectiveness of the filters and the farmers’ opinion –
Charlotte Boeckeaert (VITO)

12h15: Closure of the webinar, open Q & A session, videos of the
filter systems

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STØTTET AF

Promilleafgiftsfonden for landbrug

[Webinar details](#)

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