



Fortsat udvikling og vedligeholdelse af SupremeTech website

<http://www.supremetech.dk/SUPREMETECH.htm>

Promilleafgiftsfonden for landbrug






Search

About
R & D
Education
News
Danish Users
Internal communication
Links
Contact

SupremeTech

- ▶ About
- ▶ R & D
- ▶ Education
- ▶ News
- ▶ Danish Users
- ▶ Internal communication
- ▶ Links
- ▶ Contact

Constructed wetlands and innovative filter technologies for a clean water environment

Nutrient loss from agriculture is still a serious and costly environmental problem in Denmark and elsewhere. The quality goals of the European Water Framework Directive for the aquatic environment require a substantial reduction of the nutrient load from agricultural land.

However, current regulatory practice and mitigation measures to reduce nutrient loads are considered insufficient. This calls for a shift of paradigm towards a more targeted approach in order to mitigate site-specific nutrient losses.

A significant pathway for agricultural nutrient losses is subsurface tile drains and ditches that connect fields to surface waters, acting as subsurface highways for nutrients.

The SupremeTech research project suggest disconnecting these subsurface highways by implementing constructed wetlands and drainage filters for trapping nutrients lost by agricultural drainage, thereby reducing the nutrient load to the aquatic environment.

SupremeTech indbyder små og mellemstore virksomheder til samarbejde der har erfaring med udvikling og produktion af porøse partikler, og har kompetencer inden for vandrensning og filtrering. Frist 1. Marts 2012. Kontakt projektledelsen. [Se mere](#)



SupremeTech - A Strategic Research Project - Supported by the Danish Council for Strategic Research

News

[Finding a proper filter material for drainage well filters](#)
 Gry Lyngsø, PhD student working at the University of Copenhagen, is busy searching for and testing filter materials that have a high affinity for phosphate, but at the same time have a particle size that does not violate a satisfactory hydraulic conductivity in the filters that should be filled with the filter material.
 23-11-2011
[Show all](#)

Events

9th INTECOL International Wetlands Conference
 3-8 June 2012, Orlando Florida, USA

SWS meeting European Chapter 2012
 17-21 June 2012, Aarhus, Denmark

13th International Conference in Wetland Systems for Water Pollution Control
 25-29 November 2012, Perth, Western Australia
[Vis alle](#)

Newsletter

[Subscribe to our newsletter here](#)