



International stakeholder meeting on rewetting of drained peatlands for optimal reductions in greenhouse gas emissions 9-10 September 2025

Aarhus University, GEUS and SEGES Innovation would like to give you the opportunity to learn about and discuss the latest research in carbon-rich agricultural soils and knowledge about climate gas emissions in wetlands at this stakeholder meeting. By bringing together farmers, advisors and researchers we wish to create a better understanding of accounting of greenhouse gas emissions from peatlands and management of carbon-rich soils and lowland soils in an agricultural context. The aim is to bring us closer to more differentiated and effective solutions for agricultural management of greenhouse gas emissions.

The aim of the meeting is to gain inspiration and learn about climate efforts related to carbon-rich soils in other European countries. To discuss latest research, opportunities and challenges related to the rewetting of peatland in a Danish context.

The meeting is jointly organised by two research projects: the TargWET project funded by the Agency for Green Transition and Aquatic Environment (SGAV) under the Farm Emission Program (BUP) 2023, and the PEACE project funded by the Danish Independent Research Fund (DFF). PLEASE NOTE: This event is for invited participants only, so please do not share the invitation without prior consent from the organizers.

9 September 2025

08:30-09:00 Coffee & breakfast

Facilitator: Irene Asta Wiborg

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| 09:00-09:15 | Strategy and ambitions for implementation in Denmark
<i>Irene Asta Wiborg, Environmental Manager, SEGES Innovation</i> |
| 09:15-09:25 | Presentation of TargWET
<i>Charles Pesch, Postdoc, Department of Agroecology - Soil Physics and Hydropedology</i> |
| 09:25-09:30 | Presentation of PEACE
<i>Simon Stisen, Research Professor, Department of Hydrology, GEUS</i> |
| 09:30-10:00 | Rewetting principles and experiences on a national scale in Germany
<i>Dr. Bärbel Tiemeyer, Thünen Institute of Climate-Smart Agriculture</i> |
| 10:00-10:30 | Rewetting principles and experiences on a national scale in The Netherlands
<i>Dr. Gilles Erkens, Deltares, The Netherlands</i> |

10:30-11:00 Questions for keynote speakers and discussion

11:00-11:15 Coffee break

Facilitator: Simon Stisen

- 11:15-11:30 Mapping of Danish peatlands
Amélie Beucher, Asst. Prof., Department of Agroecology, Aarhus University
- 11:30-11:50 Groundwater depth mapping for greenhouse gas emission estimates
Julian Koch, Senior Researcher and Simon Stisen, Research Professor, Department of Hydrology, GEUS
- 11:50-12:10 The role of groundwater table dynamics on CO2 emissions from peatlands under rewetting and climate change
Tanja Denager, Researcher and Simon Stisen, Research Professor, Department of Hydrology, GEUS
- 12:10-12:30 The Danish model - Carbon emissions from Danish carbon-rich agricultural soils
Lars Elsgaard, Professor, Soil Biology and Nutrients, Aarhus University and Steen Gyldenkærne, Senior Researcher, Department of Environmental Science - Atmospheric Emissions & Modelling
- 12:30-12:40 Questions & discussion
- 12:40-13:30 Lunch

Facilitator: Frank Bondgaard

- 13:30-17:00 **Field trip:**
1. Field visit to dairy farmer Claus Fenger - rewetting of soils
Location: Vejlskovgaard v/Claus Fenger, Favrgaardsvej 265, 8300 Odder
By Claus Fenger, Farmer
By Anne Gro og Line Juul Nielsen. Project manager at the Danish Nature Agency
By Amélie Beucher, AU and Julian Koch, Simon Stisen, GEUS
By Charles Pesch and Peter Weber
Technical report: [Klima-lavbundsprojekt Ørting og Randlev Moser](#)
 2. Established wetland on organic soils in 2015
By Anders Lund Jensen, Project manager at the Danish Nature Agency
Website: [Vådområde i Odder Ådal](#)
 3. Rathlousdal dæmningen, dam for climate protection of Odder city
By Frank Bondgaard, SEGES Innovation
- 19:00 Networking dinner at Odder Parkhotel

10 September 2025

08:30-09:00 Coffee & breakfast

Facilitator: Irene Asta Wiborg

09:00-09:10 Welcome

Irene Asta Wiborg, Environmental Manager, SEGES Innovation

09:10-10:00 Rewetting principles and experiences on a national scale in the UK

Dr. Emma Hinchliffe, Director, IUCN UK Peatland Programme

10:00-10:30 Questions for keynote speaker & discussion

10:30-10:45 Coffee break

10:45-11:05 Local initiatives and cooperation by Catchment officers ([Udtagningskonsulenter](#))

Simon Rosendahl Bjorholm, Chief advisor, SEGES Innovation

11:05-11:30 Afterlife of the rewetting projects – how to improve biodiversity

Rikke Rørby Graversen, Chief advisor, SEGES Innovation

11:30-12:00 Questions & discussion

12:00-13:00 Lunch

Facilitator: Franziska Eller

13:00-13:45 TargWET case areas – barriers and challenges

Karsten Døllerup Møller, Special advisor, SEGES Innovation

13:45-14:05 Transform CO₂-emission factors to subfield knowledge. Knowledge at 10*10 at field and farm level. Platform at SEGES Innovation

Frank Bondgaard, Special advisor, SEGES Innovation

14:05-14:15 Questions and discussions - reflections from our foreign keynote speakers

14:15-14:30 Barriers, incentives and economic consequences of rewetting carbon-rich agricultural soils

Michael Højholdt, Chief advisor, SEGES Innovation

14:30-14:45 Perspectives in future management of carbon soils

Franziska Eller, Special advisor, SEGES Innovation

14:45-15:00 Questions & discussions

15:00-15:30 Coffee break - Goodbye and thank you for attending our meeting!