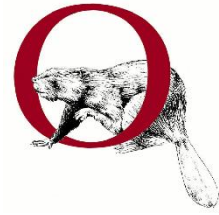




Brandenburgische Akademie  
„Schloss Criewen“



## "Restoring the fens and their economic potential"

from Thursday, 9<sup>th</sup> November to Friday 10<sup>th</sup> November 2023

at the Brandenburg Academy "Schloss Criewen"

In cooperation with:

**GO-GRASS und MarginUp!**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°862674 and N°101082089.

The symposium will be simultaneously translated into German and English.

The event will start on **9/11/23 at 11.15 a.m.** and ends on **10/11/23 at approx. 14.00 p.m.**

### **On the subject:**

The Brandenburg Climate Plan was published at the beginning of the year, and since then it has been known that climate neutrality must be achieved in Brandenburg by 2045 at the latest. Other federal states have also developed corresponding guidelines with concrete measures in various fields of action. In order to achieve the goal of climate neutrality, many changes in land use must be made, including the rewetting of 187,903 ha in Brandenburg. Many landowners and tenants are affected and are asking themselves "What now?". Decades of drainage and intensive use of low-moor sites have damaged many areas and cause high greenhouse gas emissions which are bad for the climate. The rewetting of grassland and former farmland is intended to restore fens and store greenhouse gases in the long term. This is not about leaving the areas unused, but about sustainable use. This requires a change in thinking and, in many cases, a conversion of the farm in order to secure its own existence and competitiveness. There are a number of technical solutions for the material and energetic utilisation of fen products, some of which will be presented at the conference.

Landowners, land users, raw material processing companies, scientific institutions, public authorities and all those interested in the topic are cordially invited to the conference.

## Programme

Thursday, 9th November 2023

### 11:15 a.m. Start

#### **Welcome**

Brandenburg Academy

### The importance of fens and their conservation or restoration

#### **Effects of climatic changes and water management on the water balance of groundwater-near sites**

Dr. Ottfried Dietrich, Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg

#### **Aims and objectives of SUPER-G project. Fens ecosystem services.**

#### **Main threats and methods of protection of fens biodiversity in Poland.**

Faisal Anggi Pradita, Warsaw University of Life Sciences (SGGW), Warsaw, Poland

#### ***Lessons from LIFE projects Peat Restore, Multi Peat and Peat Carbon***

Jonathan Etzold, NABU Germany, Life PeatCarbon, Berlin

#### **Fen restoration: various technical issues and co-benefits in the light of WetHorizons**

#### **Project advances**

Prof. Dr. Mateusz Grygoruk, Warsaw University of Life Sciences (SGGW), Warsaw, Poland

### 1:00 p.m.

#### **Lunch break**

### 2:00 - 3:00 p.m.

#### **Short hike in the Lower Oder Valley National Park**

Guided tour by Dr. Ansgar Vössing, Lower Oder Valley National Park Foundation

### Technical solutions for the restoration and recycling of fen products

#### **GO-GRASS: Valorisation of grasslands through innovative technologies and value chains**

Dr. Thomas Heinrich, Leibniz Institute for Agricultural Engineering and Bioeconomy, Potsdam

#### **Productive use of wet agricultural peatland in Denmark**

PhD Dr. Poul Eric Laerke, Aarhus University, Denmark

#### **Paludiculture biomass in peat-reduced pressed soils for vegetable cultivation and in biobased plastics**

Claudia Oehmke, Institute of Botany and Landscape Ecology, University of Greifswald

**Production of fibrous materials from fen biomass and their use in the fields of paper, cardboard packaging and pulp moulding**

Dr. Ralf Pecenka, Leibniz Institute for Agricultural Engineering and Bioeconomy, Potsdam

4:45 – 5:15 p.m

**Coffee break**

**Economic opportunities, certificates and how to reach politicians**

**Climate protection versus production – the intrinsic value of peatland from the owner's perspective**

Christian Schröder, Aeko GmbH Munich

**Climate neutrality in agriculture: the role of carbon certificates**

Dr. Carsten Paul, Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg

**Farm Payments for Ecology and Agricultural Transitions – FarmPEAT**

Bernard Duffy, farmer and part-time Local Liaison officer with the FarmPEAT, *an EIP (European Innovation Partnership) project*, Moate, Ireland

**MoorFutures Brandenburg - a regional contribution?**

Silvan Weber, Brandenburg Area Agency GmbH, Brandenburg

7:00 - 9:15 p.m.

**Reception of the Lower Oder Valley National Park Foundation in the foyer**

**Dinner together**

**Short cultural evening**

**Friday, 10th November 2023**

**9:00 a.m. Start**

**Energetic utilisation of fen products**

**Thermal utilisation of low-grade biomass from landscape management**

Dr. Nico Heitepriem, Biosphere Reserve Spreewald, Lübbenau

**District heating based on paludiculture**

Ivo Fischer, WOGEMA housing association, Malchin

**Bioeconomy in the moor**

**Grassland Valorization Technologies, Value Chains and Business Models – Four Demonstration Cases in Europe**

PD Dr. habil. Philipp Grundmann, Leibniz Institute for Agricultural Engineering and Bioeconomy, Potsdam

**ARGE Klimamoor**

Christina Grätz, Nagola Re GmbH, Jänschwalde

**Klimafarm - Economically and ecologically sustainable bog soil preservative grassland management**

Dr. Elena Zydek, Foundation for Nature Conservation Schleswig-Holstein, Molfsee

**11:00 – 11:30 a.m.**

**Coffee break**

**Implementation of *Lotus tenuis* in Argentina for productive use of flooding lands**

Amira Susana del Valle Nieva, (Consejo Nacional de Investigaciones Científicas y Técnicas, CONICET), Argentina

**12:00 Panel discussion**

**Future perspectives for marginal lands from a stakeholder perspective (Panel Workshop)**

Dr. Thi Huyen Trang Dam and Richard Orozco, Philipp Grundmann, Leibniz Institute for Agricultural Engineering and Bioeconomy, Potsdam; Konstantin Engelbrecht (inter3), Berlin

**1:30 p.m.**

**Closing lunch**