LIFE PEAT RESTORE

„Reduction of CO_2 emissions by restoring degraded peatlands in Northern European Lowland“

LIFE 15 CCM/DE/000138

Tom Kirschey & Letícia Jurema (NABU, Germany)

Background

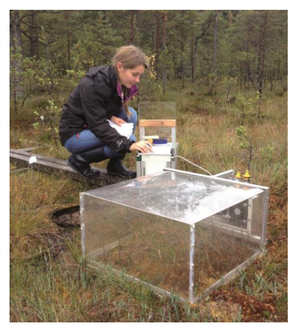
Peatlands play an important role in climate change mitigation, as store about 30 percent of the global carbon on three percent of the land area, twice as much as all forests together. Due to decomposition and mineralisation degraded peatlands change from carbons sinks to sources.

Project aims

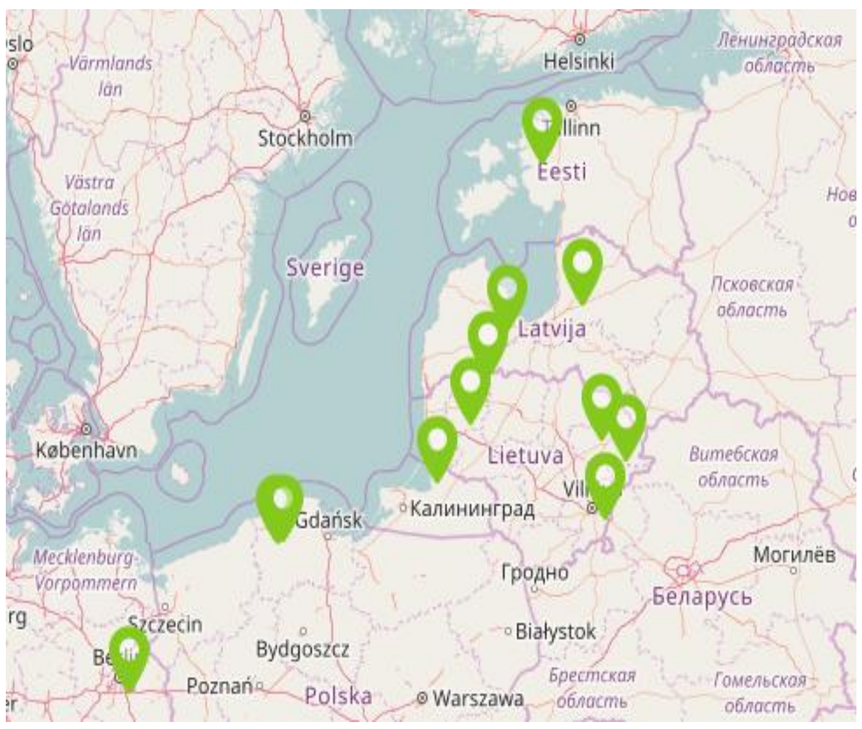
- Restoration of degraded peatlands **->** Reduction of CO_2 emissions
- Use and further development of Greenhouse Gas Emission Site Type (GEST) methodology
- Elaboration of best practice scenarios of peatland use with regard to EU climate policy
- Publication of a handbook on restoration of different mire habitats
- Raising awareness of public, politicians and stakeholders

Project actions

- Monitoring of water level and vegetation over the whole project period
- Restoration of water level to near-natural state (rewetting) by rendering drainage systems harmless
- Direct measurement of GHG emissions before and after restoration
- Support of re-establishing of peat-forming vegetation
- Establish/improve nature trails and information panels in the field
- Shooting a documentary



Partners and project sites



NATURA 2000

The EU LIFE Climate Change Mitigation Project “LIFE Peat Restore“ is implemented by nine different project partners from five EU-countries (Estonia, Germany, Latvia, Lithuania and Poland). The project includes nine NATURA 2000 areas, located in 11 different project sites. The project period runs from 06/2016 until 06/2021. With an overall budget of 6 Mio. € - including EU contribution of about 3.5 Mio. € - a total area of 5.300 ha will be rewetted.

Partners:

NABU · Latvijas Universitātes Botāniskais dārzs · E Būvvadība · Eesti Loodusfond · ELM media · Klub Przyrodników · LGF Lithuanian Fund for Nature · Lietuviškos durpės durpių įmonių asociacija · Tallinn University

Co-Financiers:

Landkreis Barnim Wir gestalten Zukunft. · Administration of Latvian Environmental Protection Fund · WFOŚiGW w Gdańsku · baltcf · Lietuvos Respublikos aplinkos ministerija

Contact details: Nature and Biodiversity Conservation Union, Charitéstr. 3, 10117 Berlin, Germany, Tom Kirschey, Letícia Jurema, Tom.Kirschey@NABU.de, Leticia.Jurema@NABU.de, www.life-peat-restore.eu/en