

PROJECT INFORMATION

Development of a transboundary innovation platform for the sustainable utilisation of reed biomass (ReedBASE)



Mismanaged reedbed in the
Dniester-region: extensive
burned oldgrowth reed

Source: Paul Goriup, March 2016

Updated: April 2019

Target countries: Moldova, Romania, Ukraine

Duration: 09/2016 – 02/2019

Beneficiaries: Stakeholders, decision makers and practitioners in reed biomass utilisation

Implementing organisations: Michael Succow Foundation

Project number: 76845

Background

Globally, the development of renewable biomass based resources plays an important role in targeting climate change mitigation. However, the advised countries show only poorly developed markets or applicable technologies allowing for a broad implementation of sustainable, environmental friendly and cost efficient management of biomass resources. Together, the lower courses and estuaries of the rivers Pruth, Dniester, and Danube hold Europe's largest reed beds with large quantities of a renewable resource. The opportunities for sustainable utilisation, optimised for nature conservation targets are not established in the region.

Project details

ReedBASE identified potential implementation sites and framework parameters for the restoration of degraded wet- and peatlands by cultivation of reed. It established a platform for the development of reed as renewable biomass resource in a wet management scheme. Suitable approaches for harvesting and processing of reed biomass from wet sites had been refined. The project integrated administration, research, economics and nature conservation by networking with key stakeholders and decision makers in the project region. In joint stakeholder workshops innovative approaches for future implementation had been elaborated in the project region. For advice, ReedBASE compiled an analytical report on strengths, weaknesses, opportunities and threats of the harvest and utilisation of reed biomass in the project region. For strengthening the network in the region a ReedBASE innovation cluster was founded and officially registered for fostering future planning and implementation of sustainable reed bed management. ReedBASE had been supported by the Odessa Regional Departments for Ecology and Natural Resources and for Water Management.

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