



‘Participatory and ecosystem-based adaptation to climate change in Barnim County – Landscape framework planning as a communication and design process’

Project background

Barnim County is located in the state of Brandenburg in an area of transition between the Berlin metropolis in the south and the primarily rural Biosphere Reserve Schorfheide-Chorin in the north. By the end of the year 2017, a novel adaptive and ecosystem-based landscape framework plan (LFP) will be developed. In addition to a Barnim-atlas, the LFP will provide a platform for continuing dialogue and exchange between stakeholders and citizens.

The project is a cooperation between the lower nature conservation authority of Barnim County and the Eberswalde University for Sustainable Development. Financial support is provided by the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety.

Photograph: aerial photograph Neu-Lindenberg (Barnim County)

Project goal

The goal is to help secure the rural livelihoods and natural heritage of Barnim County sustainably. For this purpose, an adaptive management framework for addressing nature conservation goals under changing environmental and social conditions, especially regarding challenges associated with climate change, will be developed. Novel methods for soliciting and responding to stakeholder participation will be introduced, enabling citizens, authorities and other stakeholders to contribute early and continually to the process.

Project content

The project is subdivided into two fields of action, including (1) the implementation of a participatory process in Barnim County, and (2) spatial analysis and cartography. The two fields of action are being carried out in tandem and support each other. The participatory process is to be implemented at the level of stakeholders and interest groups as well as at citizen level along various lines of action (see below). The spatial analyses deal with the patterns, ecological status and vulnerability of conservation objects and ecosystem services in the planning area. Ultimately, nature conservation goals will be defined along with appropriate strategies for achieving them. The results will be illustrated in the maps of the landscape framework plan and the Barnim-atlas.

Level 1: stakeholder and interest groups:

(a) MARISCO-workshops

Contents of the workshops are, inter alia, the development of an ecosystem-based situation analysis, which illustrates the conditions and vulnerability of ecosystems and ecosystem services, the formulation of nature conservation goals and the identification of (adaptation) strategies as a content-based foundation for the new landscape framework plan.

(b) Dialogue with landusers

By presenting interim results a dialogue and a discussion on the topics landuse, nature conservation and climate change to gather information and empower landusers in the ongoing participatory process.

(c) Survey about nature-satisfaction

The goal is to generate data about the perception of natural spaces in Barnim County and the ecosystem services they provide.

Level 2: citizens of the county:

(a) Citizen-workshops in the individual municipalities

On the basis of interim results a discussion about nature in Barnim and adaptation to climate change is to be initiated in order to obtain information and to enable citizen participation in the ongoing participatory process.

(b) Survey about nature-satisfaction in Barnim county as described under c)

(c) Landscape and landscape perception

A situation analysis of the landscape and a portfolio of adaptation and conservation strategies will be produced.

Gefördert durch:



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- **Project lead:** Prof. Dr. Pierre Ibisch, Faculty of Forest and Environment, Eberswalde University for Sustainable Development, Centre for Ecnics and Ecosystem Management (www.hnee.de, www.centreforecnics.org)
- **Project partner:** lower nature conservation authority of Barnim county
- **Project span:** 07/2015 – 12/2017
- **Project website:** www.naturlich-barnim.de
- **Project executing organisation:** project executing organisation Jülich of the Forschungszentrum Jülich
- **Funding:** Federal Ministry for the Environment, Nature Conservation and Nuclear Safety