



Fraunhofer Center for
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ARKONAVERA: CONSERVATION MEASURES AND DEVELOPMENT OF A TRANSREGIONAL SPECIES CONSERVATION CONCEPT FOR RIVER PEARL MUSSELS AND CLAMS

Motivation

Despite their formerly vast distribution in Europe, the river pearl mussel and the painter's mussel are highly endangered because of various negative factors. They are now on the Red List as an endangered or highly endangered species. The reduction in the number of the two large mussel species has been observable in Germany for decades.

Project description

The joint project ArKoNaVera (implementation of regional protection measures and development of a new supra-regional species protection concept for the national responsibility species: river pearl mussel and painter's mussel) aims to research and stabilize the population of the two mussel species through the cooperation of research and implementation partners.



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Project tasks

The group "Professionalization of Knowledge Transfer Processes" at Fraunhofer IMW is conducting a stakeholder analysis in the catchment areas of the clam waters in Saxony by means of desktop research and expert interviews. In addition, the group evaluates public relations work on the basis of surveys and concrete data analyses both during the process and towards the end of the project. At the same time, the "Innovation Financing" unit analyses established methods for the economic evaluation of biodiversity measures and examines alternative instruments such as crowdfunding instead of a survey on willingness to pay. It develops a specific Methodology for the economic evaluation of biodiversity measures using the example of the ArKoNaVera project.

Client

The project »ArKoNaVera« is jointly funded by the Federal Ministry of Education and Research (BMBF) and the Federal Agency for Nature Conservation (BfN) with funds from the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) (FKZ 01LC1313A-D and 3514685E13-I13). The BMBF supports this project as Research for Sustainable Development (FONA).

Project partners

Dresden University of Technology
Munich University of Technology
Helmholtz Centre for
Environmental Research UFZ
Saxon Regional Foundation of
Nature and Environment

Project website:

www.flussmuscheln.de/en/

Project duration:

06/01/2015–05/31/2021

GEFÖRDERT VOM



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