

In **Nordwest 2050 – Prospects for Climate-Adapted Innovation Processes in the Model Region Bremen-Oldenburg in North Western Germany** there are two different processes under way for climate adaptation: on the one hand the definition of the vulnerability of major economic sectors like the food and energy industry, port management and logistics, on the other hand the development of a long term roadmap for climate change adaptation in the region until 2050.

RADOST – Regional Adaptation Strategies for the German Baltic Sea Coast works on appropriate adaptation measures for the region through a dialogue between science, business, administration and civil society. The aim is to minimise the potential harm to businesses, society and nature as well as to seize the opportunities that the climate change induces.

REGKLAM – Development and Testing of an Integrated Regional Climate Change Adaptation Programme for the Model Region of Dresden aims to contribute to the development and implementation of adaptation strategies in three main areas: the development of an action and implementation programme, the initiation and support of key projects for adaptation by stakeholders and the improvement of the regional network.

www.klimzug.de



Contacts

Andrea Groß
+49 228 3821-596
andrea.gross@dlr.de

Stephanie Janssen
+49 228 3821-571
stephanie.janssen@dlr.de

Dr. Annette Münzenberg
+49 228 3821-566
annette.muenzenberg@dlr.de

German Aerospace Center (DLR)
Project Management Agency
„Environment, Culture, Sustainability“
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Germany

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KLIMZUG

Managing climate change in the regions
for the future



HIGH-TECH STRATEGY

Igniting ideas!

Climate change is happening. We have to deal with it. The Federal Ministry of Education and Research in Germany (BMBF) is funding the research priority „KLIMZUG – Managing Climate Change in the Regions of the Future“. The objective of KLIMZUG is the development of innovative strategies for adaptation to climate change and related weather extremes in regions. Here, the anticipated changes in climate shall be integrated in processes of regional planning and development. The funding activity particularly stresses the regional aspect since global problems such as climate change must be tackled by measures at regional and local level. The future competitiveness of regions, also in a changing climate, must be ensured. Also, KLIMZUG is meant to advance the development and use of new technologies, procedures and strategies for adapting to climate change in the regions.

Among other activities, KLIMZUG contributes to the German Hightech Strategy on Climate Protection as well as to the German National Adaptation Strategy. It also complements BMBF's first funding activity on research and development of measures to deal with climate change „Research for Climate Protection and Protection from Climate Impacts“ (klimazwei).

KLIMZUG adopts network development in regions and their implementation as a main instrument. Regional cooperation networks are intended to pool the scientific, planning, technical and entrepreneurial strengths of the stakeholders involved in a region and to actively establish structures for a new, state-of-the-art approach to managing climate change. The networks are meant to exist and to evolve on a long term basis and thus to strengthen the competitive advantages for future climate conditions.

The successful implementation of measures for climate change adaptation on a regional level is highly dependent on the commitment of local citizens. For that reason, KLIMZUG emphasizes also on educational and capacity building aspects.

In addition, partner regions throughout the world may cooperate with the KLIMZUG activities in order to ensure the international transfer of the know-how. Germany thus accentuates its role as a pacesetter and driving force as well as its scientific competence for developing suitable adaptation measures in an international context. At the same time, KLIMZUG makes use of both the traditional and modern know-how of the partner regions, some of which may already live and manage their affairs under climatic and weather conditions which are forecasted for Germany in the longer term.

Specific emphasis is set on the integration of up-to-date knowledge on climate (especially future climate scenarios) as basis for the adaptation measures developed under KLIMZUG. Support on this item is given by the Service-Group Adaptation (SGA) and the German Climate Service Center (CSC) which was established in summer 2009.

KLIMZUG is accompanied by an international advisory board giving advice on the implementation of KLIMZUG's main goals, such as the research process itself, networking activities etc.. KLIMZUG is furthermore supported by an additional accompanying project. Its tasks cover the discussion of cross-cutting issues, preparational work on the KLIMZUG attendance in general as well as public relations, among others.

Facts about KLIMZUG:

- funding period: 2008 to 2014
- seven joint projects in seven regions of Germany
- project duration: five years
- financial volume: about 80 Mio. €

More information on KLIMZUG

www.klimzug.de

The KLIMZUG joint projects

The main objective of **DynAKlim – Dynamic Adaptation of Regional Planning and Development Processes to the Effects of Climate Change Using the Example of the Emscher-Lippe Region (Northern Ruhr Basin)** is to analyse and evaluate the possible impacts of climate change in the Ruhr Region. The change in availability and utilisation of drinking water in this region will especially be analysed in order to evaluate the possible impact on the population, economy and environment.

INKA BB – Innovations Network for Climate Change Adaptation in the Brandenburg-Berlin Region aims to improve regional knowledge and communication in the context of climate change in the Brandenburg-Berlin Region. The main working fields are land use- and water management, health- and water issues, as well as the identification and implementation of adaptation strategies.

Within the project **KLIMZUG-NORD – Strategic Approaches to Climate Change Adaptation in the Hamburg Metropolitan Region** regional partners from the research, economic and administrative sectors work together on a climate adaptation master plan that continues until 2050. Main focal points are environmental protection, public regulations and economic models.

KLIMZUG Nordhessen – Transdisciplinary Network for Climate Adaptation in the Model Region of Northern Hesse seeks to develop, implement and test structures, institutions and procedures for the adaptation to climate change. The project aims towards a close cooperation between researchers, local enterprises, political decision makers and other social groups and decision makers.