

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 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 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. An accompanying project identifies transferable aspects of research activities as well as trans-regional needs regarding climate change adaptation. Moreover, it tackles the aspect that developed solutions are disseminated to manifold stakeholders.

www.klimzug.de



Contacts

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

Silke Kröll
+49 228 3821-598
silke.kroell@dlr.de

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

German Aerospace Center (DLR)
Project Management Agency
"Environment, Culture, Sustainability"
Heinrich-Konen-Straße 1
53227 Bonn
Germany

Published by

Federal Ministry of Education and Research (BMBF)
Unit Global Change
53170 Bonn
Germany

Edited by

German Aerospace Center (DLR)
Project Management Agency

Photo credits

Title: dpa; RADOST: L. Tiepolt, StaUN; INKA BB: H. Schobert, ZALF; REGKLAM: P. Knothe; KLIMZUG-Nordhessen: B. Sieg, Universität Kassel; dynaklim: Emschergenossenschaft/Lippeverband; nordwest2050: rowan, Photocase; KLIMZUG-NORD: Eurimage 2003. Common Wadden Sea Secretariat, Brockmann Consult

Printed by

Gebrüder Kopp, Cologne, Germany

Bonn, Berlin 2010

This publication is distributed free of charge by the Federal Ministry of Education and Research as part of its public relations work. It is not intended for commercial sale.



Federal Ministry
of Education
and Research

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 for 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.

KLIMZUG contributes especially to the German High-Tech 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.

KLIMZUG-NORD

Strategic Approaches to Climate Change Adaptation in the Hamburg Metropolitan Region

Within the project KLIMZUG-NORD regional partners from research, economic and administrative sectors work together on a climate adaptation master plan that continues until 2050. Thematic focal points are the Elbe estuary management, integrated spatial development, nature conservation and governance in a dynamic region populated by 4.3 million people.

www.klimzug-nord.de

nordwest2050

Prospects for Climate-Adapted Innovation Processes in the Model Region Bremen- Oldenburg in North Western Germany

nordwest2050 develops innovation paths towards more resilient structures in the northwest of Germany. A regional vulnerability analysis and innovation potential analysis is followed by the implementation of exemplary innovation paths in major economic sectors of the region (food, energy, logistics) and an integrated roadmap of change for the region until 2050.

www.nordwest2050.de

dynaklim

Dynamic Adaptation to the Effects of Climate Change in the Emscher-Lippe Region (Ruhr Basin)

dynaklim focuses on the potential impacts on the regional water balance and on possible options to adapt for population, economy and environment in the Emscher-Lippe region (Ruhr basin). By setting up a regional network, a web-based knowledge management system and a region-spanning roadmap process, *dynaklim* assists the region to continue to develop itself into a future-based conurbation with an improved ability to innovate and to adapt to climate change.

www.dynaklim.de

KLIMZUG-Nordhessen

Regional Network for Climate Change Adaptation - Northern Hesse

KLIMZUG-Nordhessen aims to develop and implement regional adaptation strategies in the areas of natural resources, energy, transport, tourism and health by a close cooperation between researchers, local enterprises, decision-makers, administrations and the civil society. Climate Change-Adaptation Officers, -Managers and the -Academy represent the link between research and practice partners and hence ensure the project's sustainable and effective governance.

www.klimzug-nordhessen.de



Facts about KLIMZUG:

- funding period: 2008 to 2014
- 7 joint projects in 7 regions of Germany
- project duration: 5 years
- financial volume: about 80 million €

www.klimzug.de

RADOST

Regional Adaptation Strategies for the German Baltic Sea Coast

RADOST focuses on coastal and marine problems under climate change conditions. Areas of investigation are coastal protection, tourism, water management and agriculture, ports and maritime economy, nature conservation and use, as well as renewable energies. Implementation projects with local partners illustrate the economic opportunities of innovative responses to climate change.

www.klimzug-radost.de

INKA BB

Innovation Network for Climate Change Adaptation Brandenburg Berlin

The goal of INKA BB is to regionally ensure the sustainable use of land and water resources under changing climatic conditions and to manage climate change related challenges in health care. In Berlin and in Brandenburg manifold actors participate in a vivid net of science-practice partnerships, uniting eminent research bodies, large and small-scale businesses, public agencies and various land user associations.

www.inka-bb.de

REGKLAM

Development and Testing of an Integrated Regional Climate Change Adaptation Programme for the Model Region of Dresden

The REGKLAM project team and its regional partners develop climate adaptation methods for cities, regions and the economy, using the Dresden region as an example. The key question is how local quality of life, regional water systems and the competitiveness of industry, agriculture and forestry can be safeguarded and improved against the background of risks and opportunities emerging from climate change.

www.regklam.de