

Stakeholder Involvement and Public Relations in the Neckar river basin

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Objectives

The EU Commission adopted the EU Water Framework Directive (WFD) in 2000 and launched the "EU Global Water Initiative" in 2003. The WFD proposes that relevant stakeholders should actively participate in the development and implementation of the Initiative.

The project "A Regional Model for Integrated Water Management in Twinned River Basins" (RIVERTWIN, www.rivertwin.org) aims at providing a management tool for the implementation of the EU Water Framework Directive. This tool, a GIS-based computer model, has been further developed, adapted and tested in the Neckar Basin and later on transferred to the river catchments in the partner regions. The model covers impacts of demographic trends, economic and technological development, the effects of global climate and land use changes on the availability and quality of water bodies. These planning tools will be provided to respective authorities and decision makers.

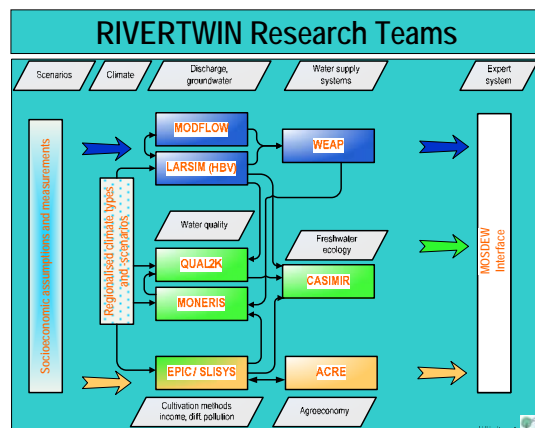
RIVERTWIN included major water users, water management associations and governmental institutions in the three watersheds already during the preparation of the project proposal. During the Project phase, relevant data and information have been regularly exchanged between the research teams and official stakeholders dealing with the strategic planning of water resources management (e.g.: see list of participants).

According to the outcome of the stakeholder workshops and expert consultations the data and the modelling objectives were defined and refined for each river basin. Integrated scenarios of economic growth, land use and climate change were developed in cooperation with stakeholders and potential users in order to assess the implications for water management.

Stakeholder participation and public relation activities

Terra Fusca and the University of Hohenheim formulated and implemented several Stakeholder participation and public relation activities in the Neckar river basin like the:

- Organization of stakeholder meetings with the Regional Council of Stuttgart (Regierungspräsidium) and the Regional Office for environmental protection (LUBW)
- Design and putting into service of the Neckar river basin Website (www.rivertwin-neckar.de) with information about the RIVERTWIN Project and actual results
- Organization of the Conference "Future perspectives of integrated water resources management in the Neckar river basin" (18.July.2006) with more than 100 participants from the Neckar River Basin
- Preparation of a conference transcript and compilation and publication of the conference proceedings



RIVERTWIN-Neckar Project Partners

Coordination	Prof. Dr. K. Stahr, Dr. T. Gaiser Institute of Soil Science and Land Evaluation University of Hohenheim, Germany
Land resources information system	Institute of Soil Science and Land Evaluation University of Hohenheim, Germany
Agricultural production/ land use	Institute of Farm Economics University of Hohenheim, Germany
Integrated modelling	Institute for Landscape Ecology and Planning University of Stuttgart, Germany
Climate downscaling/ hydrological modelling	Institute of Hydraulic Engineering University of Stuttgart, Germany
Groundwater hydraulics and groundwater management	Institute of Hydraulic Engineering, Young scientists group University of Stuttgart, Germany
Water quality	Faculty of Engineering, Dep. of Civ. Engineering, Laboratory of Hydraulics, Aristotle Univ. of Thessaloniki, Macedonia, Greece
Water demand/ economical assessment	SEI Water Resources Program Stockholm Environment Institute, Sweden
Ecohydrology/ water quality parameters	Schneider und Jorde GmbH, Ecological Engineering Stuttgart, Germany
Crop productivity/ soil water and solute dynamics	Terra fusca Engineering & Consulting Stuttgart, Germany

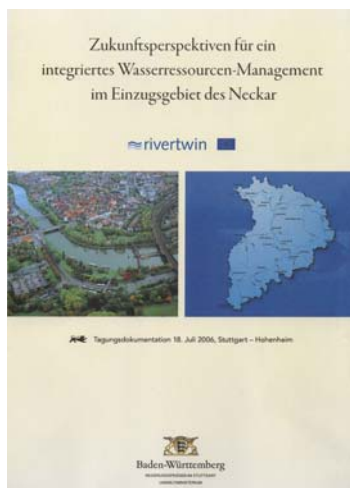


Stakeholder

- Regierungspräsidium Stuttgart
- Amt für Umweltschutz der Stadt Stuttgart
- Landesanstalt für Umwelt, Messungen und Naturschutz Baden-Württemberg
- Umweltministerium Baden-Württemberg
- Regierung von Unterfranken
- Statistisches Landesamt Baden-Württemberg
- Landratsamt Calw
- Landratsamt Reutlingen
- Landratsamt Rems-Murr-Kreis
- Bayerisches Landesamt für Umwelt
- Regionalverband Nordschwarzwald
- Wasser- und Schifffahrtsamt Stuttgart
- DVGW - Technologiezentrum Wasser (TZW) Karlsruhe
- Wasserwirtschaftsamt Ansbach
- Landesfischereiverband Baden-Württemberg
- Regionalverband Nordschwarzwald
- Universität Freiburg
- Naturfreunde Württemberg
- Landratsamt Ostalbkreis
- BUND Stuttgart
- Verband Region Stuttgart
- Hafen Stuttgart GmbH
- Regierungspräsidium Darmstadt
- Landratsamt Ludwigsburg
- Kreisbauernverband Esslingen
- Wasser- und Schifffahrtsamt Stuttgart
- Landratsamt Neckar-Odenwald-Kreis
- Zweckverband Wasserversorgung Ammerthal-Schönbuchgruppe
- Staatliche Landwirtschaftliche Untersuchungs- und Forschungsanstalt LUFA Augustenberg
- Wasser- und Schifffahrtsamt Heidelberg
- Zweckverband Wasserversorgung Nordostwürttemberg
- Kreisbauernverband Heilbronn
- LEW Schwäbisch Gmünd
- Ministerium für Ernährung und Ländlichen Raum Baden-Württemberg
- Landratsamt Hohenlohekreis
- Industries (EnBW, BASF)
- Engineering's and Consulting (e.g. ARCADIS Deutschland GmbH, Alenco Environmental Consult GmbH)



Future Perspectives



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For further information please visit www.rivertwin-neckar.de