

# Project Overview

## Problem

Between 1993 and 1995 the regions adjacent the Mosel, Saar and Sauer rivers were struck three times by serious flooding. In 1997 the river Oder was transformed into a raging torrent and burst the dams. In August and September 2002 flooding in Austria, the Czech Republic, Germany and France caused damages running into billions of Euros. Thousands of people were evacuated; more than hundred people lost their lives.

## Objectives

TIMIS flood is a contribution to an uniform EU policy for flood protection and shall become a model for other regions with transnational flood issues. TIMIS flood

- provides seamless, uniform, and consistent geographic information on flood hazard and risk across the border;
- improves the flood forecast and installs a warning system for small catchments;
- uses sophisticated technologies to capture, process, represent, and distribute the information;
- offers customised services for the different national authorities, experts, and for the broader public.

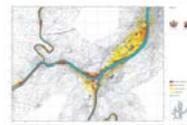
## Area of Interest

- Border area of Luxembourg, Germany and France
- Hazard maps for an area of approx. 22'500 km<sup>2</sup> (100 rivers, 3000 km length)
- Forecast and warning system for an area of 55'000 km<sup>2</sup>

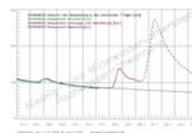


## Products

- Transnational Hazard Maps (Risk Maps for Test Areas)
- Transnational GIS on Flood



- Transnational Forecast and Warning System



- Transnational Portal for Web Services



## Organisation

### Project Partners

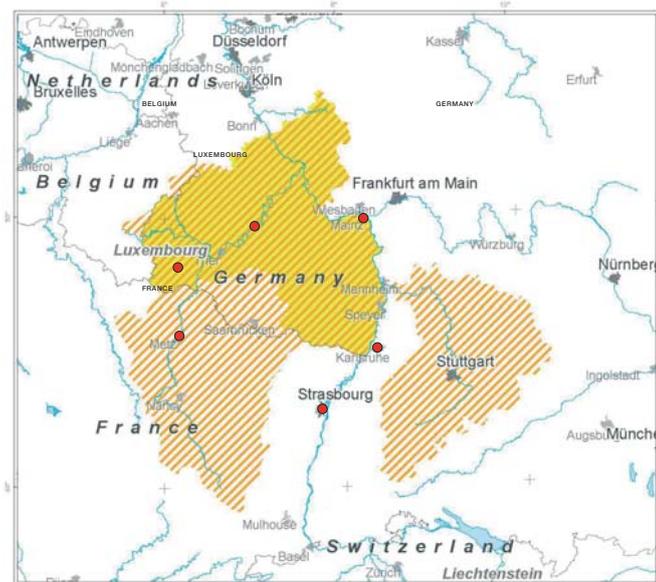
- Ministère de l'Intérieur et de l'Aménagement du Territoire, Luxembourg (Lead)
- Ministerium für Umwelt und Forsten Rheinland-Pfalz, Mainz
- Landesamt für Umwelt, Wasserwirtschaft und Gewerbeaufsicht Rheinland-Pfalz, Mainz
- Direction Régionale de l'Environnement Lorraine, Metz
- Service Navigation de Strasbourg
- Stadtverwaltung Wittlich
- Landesanstalt für Umweltschutz Baden Württemberg, Karlsruhe

### Engineers

Ernst Basler + Partner AG, Zollikon (Switzerland)  
Hydrotec GmbH, Aachen (Germany)  
Several sub-contractors for data acquisition

### Period

October 2004 to June 2008



- Project Partners
- Hazard and Risk Maps
- Forecast and Warning