

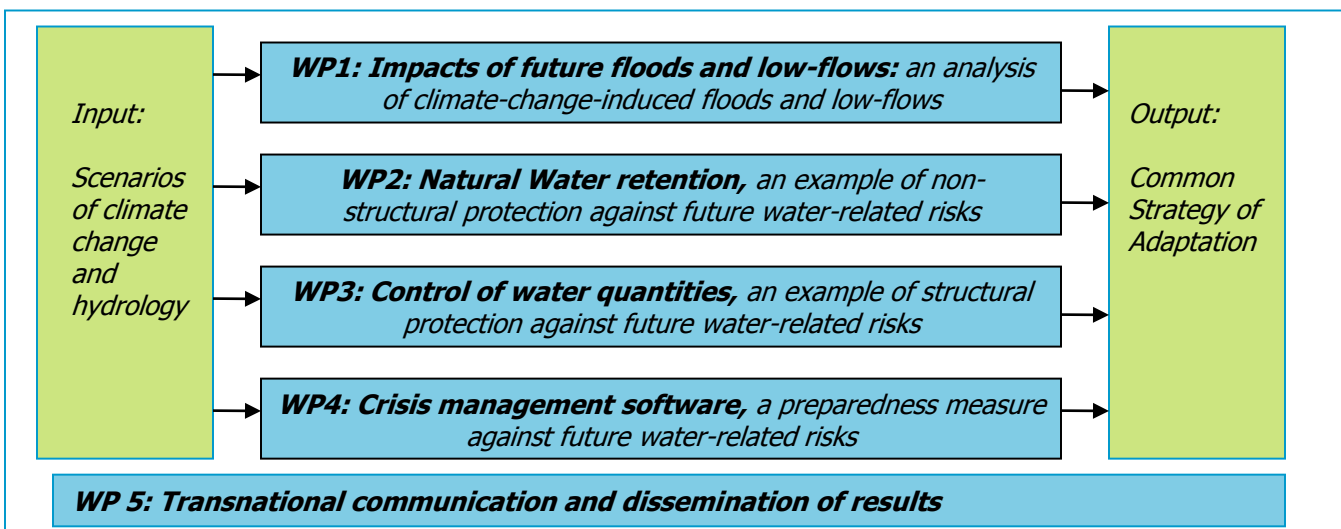
Climate evolutions impact the Meuse basin creating more floods and more droughts. The river managers and water experts from 4 countries of the basin join forces in this EU-funded transnational project to elaborate an innovative and sustainable adaptation strategy. The project runs from 2009 through 2012.

Objectives

- Defining a common strategy of adaptation to the impacts of Climate Change on floods and droughts, recognized at the scale of the international river basin of the Meuse. Climate scenarios for the time periods 2020-2050 and 2070-2100, existing measures, on-going projects as well as the Floods Directive (2007/60/EC), will be taken into account in the elaboration of the strategy.
- Realising a set of measures beneficial and transferable to the whole Meuse basin.
- Strengthening and widening the partnership of stakeholders in the international Meuse basin.
- Involving the population and the public bodies through a better knowledge and the feeling of belonging to the Meuse basin, as well as the consciousness of flood and drought risks.

Expected outputs

- Definition of scenarios, shared at the scale of the international basin, related to climate change and extreme discharges;
- Realization of a first hydraulic simulation of the river and its associated risk maps;
- Identification of hot spots, i.e. sectors and water uses threatened by future floods and droughts : definition of the cost of inaction ;
- Definition of a shared adaptation strategy ;
- Three technical reports, one interactive documentary and a website, eight site visits ;
- Definition of new management rules for the dams of the Rur, tributary of the Meuse (Germany) ;
- Reduction of the floodability, renaturation of cropland and creation of reservoirs for multi-purposes (Wallonia and the Netherlands) ;
- An innovative system of pumps and powerstation for the reduction of water consumption in the Meuse (Flanders) ;
- An international exercise on flood crisis management based on the software OSIRIS and FLIWAS ;
- An international event for the sharing and transfer of the project's results.



The Partnership

The AMICE project involves 17 partners from the Meuse basin. The International Meuse Commission hosts the Partners' meetings of the AMICE project and acts as an observer.

France

EPAMA (Public Establishment for the Management of the Meuse and its tributaries), also **Lead Partner** of the AMICE project;

Université de Metz – department CEGUM (Centre for Geographical studies);

CETMEF (Institute for Maritime and Inland Waterways).

Belgium - Wallonia

Région Wallonne, through the cross-disciplinary working group on floods (GTI);

Université de Liège – Department of Hydrology, Applied Hydrodynamics and Hydraulic Constructions (HACH) & Aquapôle;

Gembloux Agro-Bio Tech – department Hydrology and Hydraulics;

Municipality of Hotton;

Agence Prévention et Sécurité (APS).

Belgium - Flanders

nv De Scheepvaart, manager of the channels for water transport and drink water production;

Waterbouwkundig Laboratorium, the research center for hydraulic sciences in Antwerp;

RIOU asbl, association for communication and renaturation.

Germany

WasserVerband Eifel-Rur, manager of the Rur tributary;
RWTH Aachen Universität:

Lehrstuhl und Institut für Wasserbau und

Wasserwirtschaft : the institute of hydraulic engineering and water resources management;

Lehr- und Forschungsgebiet Ingenieurhydrologie: the academic and research department engineering hydrology.

The Netherlands

Rijkswaterstaat (Ministry of Transport, Public Works and Water Management) is involved through two of its departments: **Waterdienst** and **Limburg**;

Waterschap Aa en Maas and

Waterschap Brabantse Delta,

water authorities in the Province of Noord- Brabant; water managers of the sub-basins among the 5 of the Meuse basin in the Netherlands.



The budget

The AMICE application form was approved on the 3rd call for projects of the INTERREG IV B Programme on the 5th of December 2008; 2,8 M€ ERDF were granted to the project.

The total budget of the AMICE project is nearly 8,9 M€ .

The NWE INTERREG IV B Programme

The Programme funds innovative transnational actions that lead to a better management of natural resources and risks, to the improvement of means of communication and to the reinforcement of communities in North-West Europe.

www.nweurope.eu

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