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# Poland (2005) : Technical assistance in implementation of WFD in Poland

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Date de mise en ligne : mercredi 4 mai 2011

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# **Technical assistance in implementation of WFD in Poland**

**February 2005 - September 2005**

**BENEFICIAIRY : Polish Ministry of Environment**

**PURCHASER : European Union - PHARE**

## **Background :**

The main objective of the Phare project "Technical assistance in implementation of WFD in Poland" is to increase the capacities of the Polish Water Administration in their responsibilities to implement the Water Framework Directive.

In Poland, in relation with information management, the main data related to water management necessary to answer to the needs of this directive is scattered between various organizations (BGW, RZGW, IMGW, GIOS, WIOS, PIG) each one having their own needs and their own way of information management.

It is why this project included a feasibility study to upgrade data access and data exchange on surface and groundwater.

## **Services :**

The expertise of the International Office for Water (IOW) was used in this project to :

- Analyse the needs of information for the Water Framework Directive ;
- Analyse the existing information systems and the existing data exchange procedures ;
- Define general recommendation for upgrading data exchange related to water in Poland ;

- Develop a prototype of demonstration showing the possibilities and the procedures to follow to valorise the existing information systems in a way to facilitate the production of the WFD expected outputs and the feeding of the future national water cadastre.

In relation with the recommendations, 4 scenarios (from basic data exchange to XML based data exchange) aiming to facilitate the access to existing water related data were described.

In relation with the prototype, the valorisation of existing surface water quality database (JAWO database) was demonstrate using the scenario based on the implementation of common referential (list of parameters, list of rivers, ...) and on the use of XML exchange files. As well, a demonstration was done on the valorisation of RZGW Excel data on infrastructures through an automatic import into a target database, with quality control of the data, and with a first automatic georeferencing of the infrastructures base on their location on the river.