

NATO/CCMS pilot study 'Integrated Water Management'

1st Workshop Antwerp (Belgium) 21 – 24 May 2003

The pilot study is supported by the Belgian Office for Scientific, Technical and Cultural Affairs (DWTC) and was launched by NATO/CCMS in November 2002.

Objective of the pilot study

The main objective of the pilot study is exchanging and combining expertise in water system research, considering different dimensions of water management and their intra and inter relations. The dimension *Integration of knowledge* represents the required competences; it includes natural scientific as well as social and economical aspects, considered as basic information about the functioning of water systems and the chains of the water users. The *Organizational Integration* dimension concerns all relevant competences and participation of stakeholders and means an important support for the efficiency of the water management. The *Legislative basis* dimension is the regulating basic framework including and combining all legal aspects.

The knowledge brought together by means of the pilot study, has to contribute to the knowledge of Integrated Water Management in general, including differentiation for different types of basins or watersheds. Therefore theoretical studies on the functioning of water systems as well as cases will be discussed.

Expected outcome of the pilot study

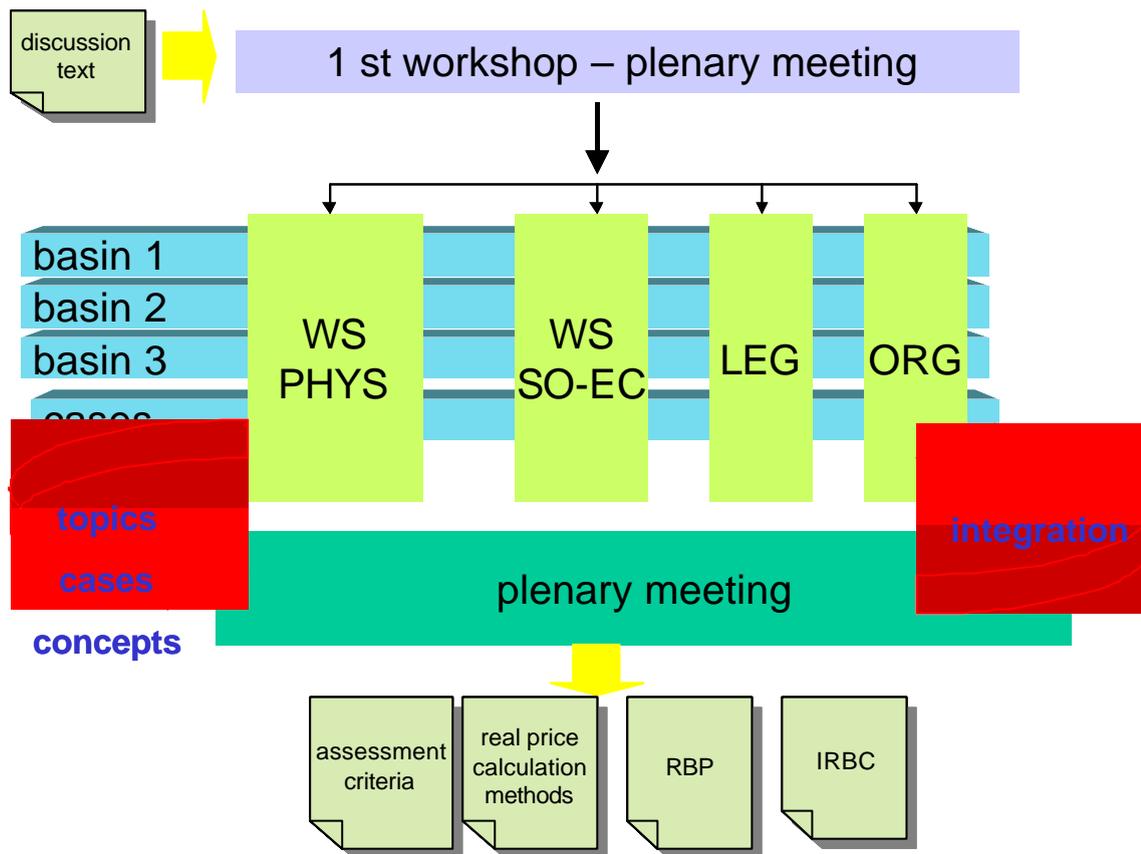
- Criteria to assess a water system, stressing on indicators defining the carrying capacity and stressing on combination of tools.
- Methods and guidelines for the development of basin plans.
- Methods to calculate 'real' price, considering also the quality of ecosystems and dealing with regional differentiation.
- Overview of difficulties met, due to transboundary aspects and guidelines for solutions and the role of international committees.

Proposed outline of the pilot study

The pilot study will address to specific issues, requiring an integrated approach. Therefore the pilot study participants will work alternately during plenary meetings and in working groups. The working groups will be organized according the agreements made on the first workshop.

Each working group will stress on given topics, taking into consideration possible common grounds with other working groups. Case studies and theoretical research will be subject of discussion. Participants can belong to research institutes, universities, governmental authorities and non-governmental organizations (NGOs).

Exchange of information and discussions will mainly take place during workshops. The pilot study will last three years. Two workshops a year will be organised, combining plenary and working group activities. Additionally each working group will meet at least once a year (schematic overview in figure below).



Schematic overview of the workshops' and working groups' activities

During the first workshop participants will meet plenary. Based upon a discussion text, that will be distributed from beforehand, the expected outcome, as well as the issues and cases that will be addressed will be defined more specifically. Working groups will be formed and a detailed working plan will be developed. On the last day an excursion to different Scheldt basin locations is organized.

The next workshops will be partly plenary, including also separate working group meetings and an excursion to a relevant case. Therefore workshops should be organized at different basins. Working groups can meet previous to a workshop.

Objectives of the first workshop

The first workshop aims to compile an overview of the policy concerning Integrated Water Management in the different countries, regions and relevant international legislation or agreements. Based upon this overview issues will be formulated and 'pilot' basins will be chosen. The aim is to derive issues related to an approach based upon water system functioning concepts as well as organizational - related problems, complicating the implementation of IWM.

The further progress of the pilot study as well methodological as organisational will be discussed and established.

Preliminary programme of the first workshop

Wednesday 21 – Thursday 22 May 2003

Presentation of the pilot study by the pilot study director.

Presentations on international legislation, agreements and initiatives by invited speakers.

Presentations on national and regional Integrated Water Management policy by participants.

Presentations on selected basins by participants.

Fine-tuning the expected outcome.

Selection of issues to be addressed.

Establishment of the general methodology.

Organization of the following workshops.

Selection of 'pilot' basins.

Forming working groups and designation of working group leaders.

Friday 23 May 2003

Detailed working plans for the working groups will be developed. Each working group will stress on given topics, taking into consideration possible common grounds with other working groups.

Saturday 24 May 2003

Excursion to different locations in the basin of the river Scheldt.

Participation

Participants are invited to prepare an oral presentation of approximately 20 minutes outlining the Integrated Water Policy in their country or region and/or on the main characteristics of a given basin. As mentioned above, these presentations will be the input for discussions outlining the approach of the pilot study.

Overhead projector, slides projector, LCD projector and laptop will be available in the meeting room.

In order to prepare a final agenda and arrange the schedule of presentations, participants willing to give an oral contribution are requested to inform the pilot study director concerning the title and content as indicated in the registration form you will find in annex.

*The official language is **English**.*

*The organization of the workshop is fully supported by the Belgian Office for Scientific, Technical and Cultural Affairs, **no registration fee** is required.*

Official partners

BELGIUM	prof. dr. P. Meire and M. Coenen, University of Antwerp, Ecosystem Management Research Group and Institute for Environmental studies, chair of Integrated Water Management.
CANADA	dr. L.M. Lavkulich, University of British Columbia, director of IRE.
GEORGIA	mr. G. Kolbin, Ministry of Environment, deputy head.
GREECE	dr. S. Skias, Democritus University of Thrace, dept. of Civil Engeneering.
ITALY	
LITHUANIA	dr. J. Kriauciuniene, LITHYD, laboratory of hydrology.
LUXEMBOURG	prof. dr. L. Hoffman, Centre de Recherche Public – Gabriel Lippmann (CREBS)
the NETHERLANDS	European Centre for River Restoration
NORWAY	ms. T. Grunnan, Senior Executive Officer, Directorate for Civil Defence and Emergency Planning
POLAND	dr. T. Okruszko, Warsaw Agricultural University, dept. of Hydraulic Engeneering and Environmental Restoration
PORTUGAL	prof. dr. T. Dentinho, Universidade dos Acores, dept. of Agricultural Sciences
TURKEY	prof. dr. E. Ozsoy, Institute of Marine Sciences, METU
ROMANIA	dr. V. Visan, Ministry of Waters, Forests and Environmental Protection

Location

Residence 'Elzenveld', Lange Gasthuisstraat 45, 2000 Antwerp, Belgium.

The 'Elzenveld' is a rustic oasis in the heart of the Antwerp city centre and a ten minutes' stroll from the Grote Markt, the cathedral, listed churches, museums and other sights. It is housed in the historical buildings of the mediaeval Sint-Elizabeth hospital, presbytery and cloister.

The name of the meeting rooms will be communicated later. Arrangements for accommodation have been made at a reduced price of € 50 for a single room. Room reservations have to be booked by the participants. Please indicate CCMS in order to get the accorded reduction.

Reservations can be done using the electronic registration form from the website, <http://www.elzenveld.be>, or by contacting the reception desk Tel. 32 3 202.77.71, Fax 32 3 202.77.75. On the website or at the reception desk you will also get information concerning prices for double rooms and/or extra facilities.

Travelling to Antwerp

Travelling by plane

To Brussels International Airport (or Antwerp International Airport for some flights from London City, Amsterdam and Geneva).

Brussels airport to Antwerp

- Coach to Antwerp Central Station (€7.5)
- train to Brussels Central Station + train to Railway station 'Berchem'

Antwerp airport to Elzenveld

- bus n° 16 to Railway station 'Berchem', change to tram n°8
- taxi

Travelling by train

Railway station 'Berchem' + tram 8.

Please confirm your participation with the added confirmation form **before 15/04/2003** to magda.stalmans@ua.ac.be or FAX 32 38202271 addressed to Magda Stalmans

A final agenda, a discussion text, further details about the venue of the meeting and practical information will be sent later to the registered participants.