

# Matra Training for European Cooperation

(MTEC)

## Flood risk management and the Water Framework Directive

November 20th – December 8th 2006



ECORYS Nederland BV



Grontmij Nederland BV



WL | Delft Hydraulics

### Key Information

- Objective: Training policy makers and experts in the field of Water Framework Directive (WFD) and Flood Risk Management.
- Period: November 20th – December 8th 2006
- Location: Rotterdam, The Netherlands
- Accommodation: Eden Savoy Hotel, Rotterdam
- Target group: policy makers with relevant working experience, working for local or national (semi) government entities responsible for water management and executives and experts working for local and national institutions being responsible for water management or research in this field.
- Participants: 50 in total, drawn from 10 New Member States (Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovakia, Slovenia, Malta and Cyprus), 4 Candidate Countries (Bulgaria, Croatia, Romania, and Turkey) and 2 potential Candidate Countries (Serbia and Montenegro).
- Applications: before October 6<sup>th</sup> 2006
- Information: claudy.teboome@ecorys.com

### Introduction

Since the 1<sup>st</sup> of May 2004 the EU has been enlarged with eight countries from Central Europe, Malta and Cyprus. Negotiations with Bulgaria and Romania have been completed in 2004 and negotiations with Croatia and Turkey have commenced. Although progress towards accession varies among countries, becoming proficient in European affairs is of key importance for the government administrations of all of these countries.

These countries will have to deal with the implementation of the European Water Framework Directive (WFD) which came into force in December 2000. The objective of this directive is to reach a “good status” for all waters in Europe by 2015. The WFD prescribes a number of steps to be taken, leading to a program of measures to improve the water quality. These steps and the measures have to be reported in a so called River Basin Management Plan which has to be finalised in 2009.

The WFD is mainly focused on water quality. But a lot of countries still suffer from flooding. The countries all have their own flooding programmes. Therefore the EU is developing a Flood Directive which will come into force very soon. Like the WFD all the countries will have to deal with this new directive. From the experiences of different countries Flood Risk Maps Flood Protection Plans can be developed following the steps as mentioned in the new Flood Directive.

The training course will deal with the implementation of EU directives and its implications, as well as stimulation of cooperation between countries and experts. Water management is not an issue of individual countries, results as improved water quality and lowering the risk of floods can only be reached if countries cooperate.

### Objectives of the course

The main objective of the course is ***to train policy makers and experts in the field of the Water Framework Directive (WFD) and Flood Risk Management and to enhance their knowledge that can be transferred to their local organisations. By working together in the training a better understanding between policy makers and experts could be established.***

More specific objectives are:

- Practical learning about WFD, Flood Risk Management and IWRM by lecturing, exchange of experiences, study visits, case studies.
- Enhancement of knowledge about EU and water, more specific EU funding, EU project proposals, EU regulations.
- To understand the importance of (public-private) cooperation, stakeholder participations and public awareness.

After the training, the participants will:

- Have a thorough understanding of the principles of Integrated River Basin Management, and its various forms in the European Union.
- Know the principles and procedures of the Water Framework Directive and how to apply these in the process of drafting a River Basin Management Plan.
- Understand flood risk management and know how to recognise potential flooding problems, possess the skills to define and carry out a flood management project.
- See the inter-linkages between water quality (WFD) and water quantity (flooding) and how an *integrated approach* can ensure viability of all functions.
- Understand the main principles of proposal writing and tendering procedures - and know the requirements of a good project proposal.
- Understand the value and necessity of public participation, and have acquired the skills to draft a participatory planning process.
- Gain more knowledge about good practices from other countries.
- Have a network of water management professionals in EU member states and accession countries, and an internet discussion forum to further share experiences.

### Approach of the course

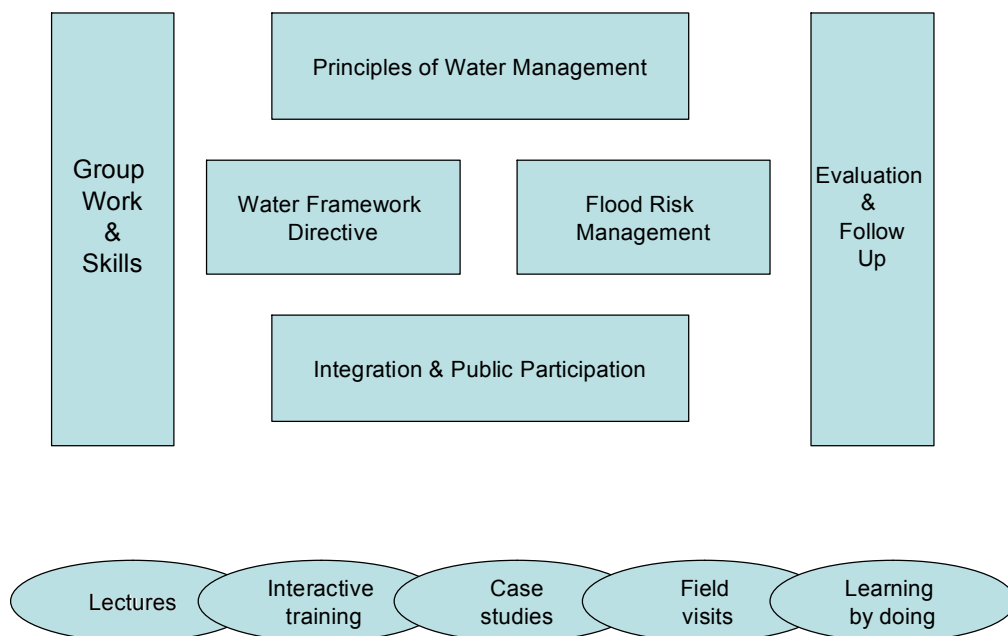
The ECORYS consortium uses an interactive approach as much as possible. Basic texts will be provided to be studied by the participants. The training modules contain a mix of teaching and interactive working.

Some modules contain presentations and questions and answers. Those are meant to transfer knowledge and skills. In other modules the participants will apply the learned knowledge and skills by working on group assignments and holding presentations. Other modules are focussed on showing examples through study visits, case studies and presentations from Dutch governmental institutions. During the training the participants will have many opportunities to learn from each other as well.

### Structure and contents of the course programme

The course consists of six training modules, in which all relevant aspects of EU water management, in particular the Water Framework Directive and Flood Risk Management, are included:

1. Principles of (EU) water management (PWM): insight in the main principles behind integrated water management, water management systems in EU countries, legal and economic aspects etc.;
2. Flood Risk Management (FLM): thorough explanation of Flood Risk Management, objectives, tools, modelling, risk evaluation etc.;
3. Water Framework Directive (WFD): explanation of process and goals, all components of a River Basin Management Plan (including exercise in how to make one), economic aspects, relation to the upcoming Framework Directive on Flood Management, etc.;
4. Integration & Public Participation (IPP): integration of water quality and quantity aspects, combining different interests, role of stakeholders, public participation etc.;
5. Group Work & Skills (GWS): a clear task (preparing a tender for an EU project proposal), using all knowledge on WFD and FLM gained during the course, interaction with trainers, interview techniques, presentation skills etc.;
6. Evaluation & Follow-up (EFU): Evaluation during and after the course, mid-course feedback session, setup of website and discussion forum, preparation of individual knowledge dissemination plan, final presentation session etc.



**Figure 1: Course components and training methods**

### Organisation

A consortium of ECORYS Nederland BV, Grontmij Nederland BV and WL | Delft Hydraulics has been asked to organize the course on Flood Risk Management and the Water Framework Directive. All companies have substantial and international (training) experience in river basin management planning, the implementation of the Water Framework Directive and Flood Management. They have a thorough understanding of its technical, environmental, economic, communication/public information aspects.

#### **ECORYS Nederland BV**

ECORYS Nederland BV is a fully independent applied economic research and advisory institute currently involved in many projects in various disciplines all over the world. ECORYS is specialised in applied economic research and advice, financial and economic feasibility studies, institutional development, policy development, process, project and programme management,, Structural Fund interventions, economic impact assessment, and training.

ECORYS Nederland is active in a wide range of sectors including environment and natural resources with an emphasis on sustainable water management. The Water Management Group combines spatial and economic expertise in the field of water and wetlands. The group has implemented various assignments related to implementation of the economic requirements of the WFD, the set-up and strengthening of institutions for integrated (and international) water policy and management, as well as assignments concerning spatial issues of water management among others in Central and Eastern Europe.

#### **Grontmij Nederland BV**

Grontmij Nederland BV, part of the Grontmij Group, is one of the leading environmental, engineering and consulting companies in the Netherlands as well as in Europe. Grontmij has 90 years solid experience in integrated water management.

They have successfully undertaken various assignments in Central and Eastern Europe, among others in Estonia, Poland, Slovenia, Hungary, Romania and Turkey. The projects included providing assistance to environmental authorities charged with transposition and implementation of EU Environmental Directives into national, regional and local environmental administrative, enforcement and monitoring structures. In the Netherlands, they are actively involved in the implementation of the Water Framework Directive, assisting the Ministries, Water Boards, Provincial and Authorities.

#### **WL | Delft Hydraulics**

Founded in 1927, WL | Delft Hydraulics is an independent consulting and research institute located in the Netherlands. For more than 70 years, they have been providing clients, at home and abroad, with decisive advice and technical assistance on water-related issues. These projects range from applied research and consultancy queries to multidisciplinary policy studies.

WL | Delft Hydraulics has a long-standing reputation for excellence in hydrology, hydraulics, morphology, water quality and ecology. Construction and design matters related to offshore, coasts, harbours, estuaries, rivers and canals, and industry - also their forte - are approached in a manner tuned to the specific requirements of the client. In addition, they operate at the policy level by delivering decision support and carrying out environmental impact assessments in the above mentioned working areas.

### Dates

The course will be held at the World Trade Centre in Rotterdam from November 20<sup>th</sup> – December 8<sup>th</sup> 2006. You will be expected to arrive in The Netherlands on November 19<sup>th</sup> 2006.

### Fees/Accommodation

The Dutch Government will provide fellowships including costs such as international travel, board and lodging, visa and insurance, tuition fees, lecture materials and excursions insofar as included in the programme.

Participants will be accommodated in the Eden Savoy Hotel in Rotterdam.

### Teaching Staff

The teaching staff will consist of:

- Staff Members from ECORYS, Grontmij and WL | Delft Hydraulics;
- Lecturers from the Dutch Ministry of Transport, Public Works and Water Management (V&W) and Ministry of Housing, Spatial Planning and Environment (VROM) and institutions involved in water management, such as Water boards and RIZA.

### Admission Requirements

The course is designed for policy makers with relevant working experience working for local or national (semi) government entities responsible for water management and executives and experts working for local and national institutions being responsible for water management or research in this field.

The maximum number of participants is 50. Important points on which the selection of participants will be largely based are:

- The participant should be *fluent* in spoken and written English;
- The participant should be highly motivated and enthusiastic;
- The participant should show occupational relevance;
- The participant should be comfortable with sharing their knowledge, perhaps in the form of a solo presentation;
- The participant should clearly demonstrate an immediate need for training on Water Framework Directive and Flood Risk Management.

### Applications

Applications should be made through the Netherlands Embassy in the applicant's country. Application forms should be downloaded from the website: [www.cross-agency.nl](http://www.cross-agency.nl).

Go to Downloads, click on application form for the relevant course, click on your country; you can then download the application form.

Applications (duly signed by the applicant and his or her employer) should be submitted before the **6th of October, 2006**, through the Royal Dutch Embassy in the applicants' country. By this date, all forms, including the signed employer statement, must be received by the Royal Netherlands Embassy. Please note that the application instructions on the website need to be followed carefully.

Only fully documented applications will be considered. Admission will be on a competitive basis. The participants will be selected by the steering committee.

**Applicants who have been accepted for the course are expected to attend. In case of no-shows or cancellations within 3 weeks before the start of the course, the organisers reserve the right to claim any costs incurred (e.g. pre-paid flight tickets) from the applicant's employer.**

### Information and course organisation

#### **ECORYS Nederland BV Region, Strategy & Entrepreneurship**

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Contact person : Ms. Claudy te Boome

### More information on the courses developed under the MTEC programme

- The Royal Netherlands Embassy in your country can supply more copies of this leaflet and information about the other courses.
- For further information, you can contact either the Royal Netherlands Embassy or EVD/CROSS:

#### **EVD/CROSS**

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Contact person : Mr. Diederik ter Haar