



**EMWIS Promotion Seminar**

**Nicosia, 10 May 2007**

# **Diagnostic Study for Cyprus for the Feasibility Study on the Development of a Mediterranean Water Information Partnership**

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# Background for Cyprus

- Member of EMWIS
  - WDD is the National Focal Point
- Development of ENVIS
  - WDD
  - Geological Survey Dept
  - State Laboratory
  - Meteorological Service
- WISE Project
- LIFE Projects

# Objectives of the Study

- Summary Assessment of the Organizations managing water data at the national level with a specific analysis of the status of NWIS
- Analyze the information production process
- Collect the opinions and expectations of decision makers and water resource managers
- Prepare a first draft national catalogue of data sources

# Results to be achieved

- Update of the Cyprus Profile for the Johannesburg Summit Report – Chapters 1, 17, 18 and 40
- Update on the NWIS implementation
- Presentation of the existing production processes for water related indicators
- A synthesis of opinions and expectations about MedWIP.


# Updating of the Johannesburg Report

- Progress has been made since 2002
- Pending legislation was passed
- Participation of government organizations such as the WDD and the Department of Fisheries in a large number of EU programmes

# MedWIP and Metadata

- Information and data sources are being collected and organized
- Availability of some data sources is presenting a problem
  - Data does not exist
  - Data is in hard format
- Data sources are limited in Cyprus due to the fragmented nature of the water management structure
- Data sources are mainly Government and Semi-Government Organizations

# MedWIP and Metadata


 **MEDWIP**  
*Data sources catalogue (prototype)*

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# MedWIP Approach

- A variety of stakeholders were contacted including
  - Government Agencies
  - Semi – Government Agencies
  - End Users
  - Media
  - Universities

# MedWIP Approach – Sample of the Stakeholder List

NAME	Role
Ministry of Agriculture, Natural Resources and Environment	Policy setting and water management
Water Development Department	Policy setting and water management
General State Laboratory	Monitoring Water Quality
Department of Fisheries and Marine Research	Policy Setting and Water management – Sea Water
Ministry of Education and Culture	Education Initiatives
Water Board of Nicosia	Water management – Sale
Sewage Board of Nicosia	Water reuse
Union of Cyprus Municipalities	End - users
Lakatamia Municipality	End user and water management
The University of Cyprus	Research initiatives
Shipshore Cyprus	Water Reuse – Water Treatment
Caramontanis Engineers	Water Reuse – Water Treatment – Desalination Plants
EKA	End users Farmers Association – Irrigation
Consumers Union	End – Users
Philelephteros newspaper	Press – Media

# MedWIP Approach – Questions Asked

- What data do they generate?
- How this data is managed?
- What information / data do they need?
- How easily is the data obtainable?
- Level of awareness about EMWIS / NWIS
- Views and concerns about NWIS
- Views and concerns about MedWIP

# Findings – Data Generating Organizations

- Some organizations do not have websites
- Missing or data in hard format
- Heterogeneous data format
- Concerns about
  - Confidentiality
  - Sensitive of data
  - Overall Responsibility of the System
  - Policy decisions

# Findings – Data Generating Organizations

- ENVIS attempt presented problems and is in the process of changing
- Filters need to be put into place for sensitive or highly specialized data
- Data duplication concerns
- Data need to be separated for consumers and administration
- Generally the reaction was very positive

# Findings – Users

- Consumers / end-users of water are in need of more readily available and clearer data
- Desire for up to date data
- Need for statistics
- Positive Reactions to the effort

# Findings

## ENVIS to CYMOS

- ENVIS proved that it was not very user friendly and not all information could be uploaded.
- CYMOS to replace ENVIS - will start on June 2007
  - 3 Months testing
  - 1 year evaluation
- Same participating organizations

# Conclusions

- The need for a “national water data portal mechanism” (or equivalent) is shared by the majority of the stakeholders, within the entire water policy framework
- Different visions but unanimity for saying: “avoid duplication on what already exists (institutions and information systems)”
- All organisations were concerned about the specification of data requirements
- Consumers and data users needed updated data as well as older statistics



Thank you for your attention.