



Experts Workshop
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Feasibility Study on the Mediterranean Water Observation Mechanism

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Feasibility study: Organisation

- Phase 1 – Proposal of a first vision
 - July-November 2006
 - Diagnostic study in 4 volunteer countries and at the regional level: Jordan, Tunisia, France and Spain
 - Progress report for the Euro-Med Water Directors conference (6-7 Nov'06)
- Phase 2 – Broader validation of the vision & recommendations
 - 2007
 - Additional national diagnostic studies
 - Detailed recommendations to set-up the mechanism

Background

- A multiplicity of initiatives
- Member of EMWIS
 - WDD is the National Focal Point
- ENVIS
 - WDD
 - Geological Survey Dept
 - Meteorological Service
- Prospects for NWIS
- WISE Project
- LIFE Projects
- etc

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
- Update on the NWIS implementation
- Presentation of the existing production processes for water related indicators
- A synthesis of opinions and expectations about MedWIP
- Submission of report

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

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

Interviews completed – sample list

- WDD
- University of Cyprus
- State general laboratory
- WDB
- CyStat
- Panagrotikos – farmers association
- Environmental service
- Department of fisheries and marine research
- Department of agriculture
- Meteorological department
- Consumers union

MedWIP Approach – Questions Asked

- What type of data do they generate?
- How is this data 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
- Mentality of not sharing information can be an obstacle
- Missing or data in hard format
- Heterogeneous data format
- Concerns about
 - Confidentiality
 - Sensitivity of data
 - Overall Responsibility of the System
 - Policy decisions

Findings – Data Generating Organizations cont' d

- 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 needs to be separated for consumers and administration
- Generally the reaction for a common database was very positive

Findings - ENVIS

ENVIS to CYMOS

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

Findings – Users

- Users are concerned about water resources
- Consumers / end-users of water are in need of more readily available and clearer data
- Concerns about the interface
 - Must be simple to use – user friendly
- Desire for up to date data
- Need for meaningful statistics
- Positive Reactions for MedWIP

Findings – Users cont' d

- Consumers and other users would like readily available and up to date data on:
 - Daily consumption of water
 - Water stock
 - Flow of water in Dams
 - Projections for use and flow
 - Pricing of water
 - Water saving measures
- Other data that should be available
 - Recycling of water
 - Use of recycled water
 - Cost to the economy of water from dams, desalination and recycling

Conclusions

- A National Information System is still in the planning stages
- The need for a “national water data portal mechanism” (or equivalent) is generally accepted – “NWIS”
- Fears based on past experience, e.g. duplication and non compatibility of data
- All organisations were concerned on which data is required
- All organisations are willing to help but policy makers need to come to a consensus
- The problem of the availability of data needs to be addressed

Conclusions

cont' d

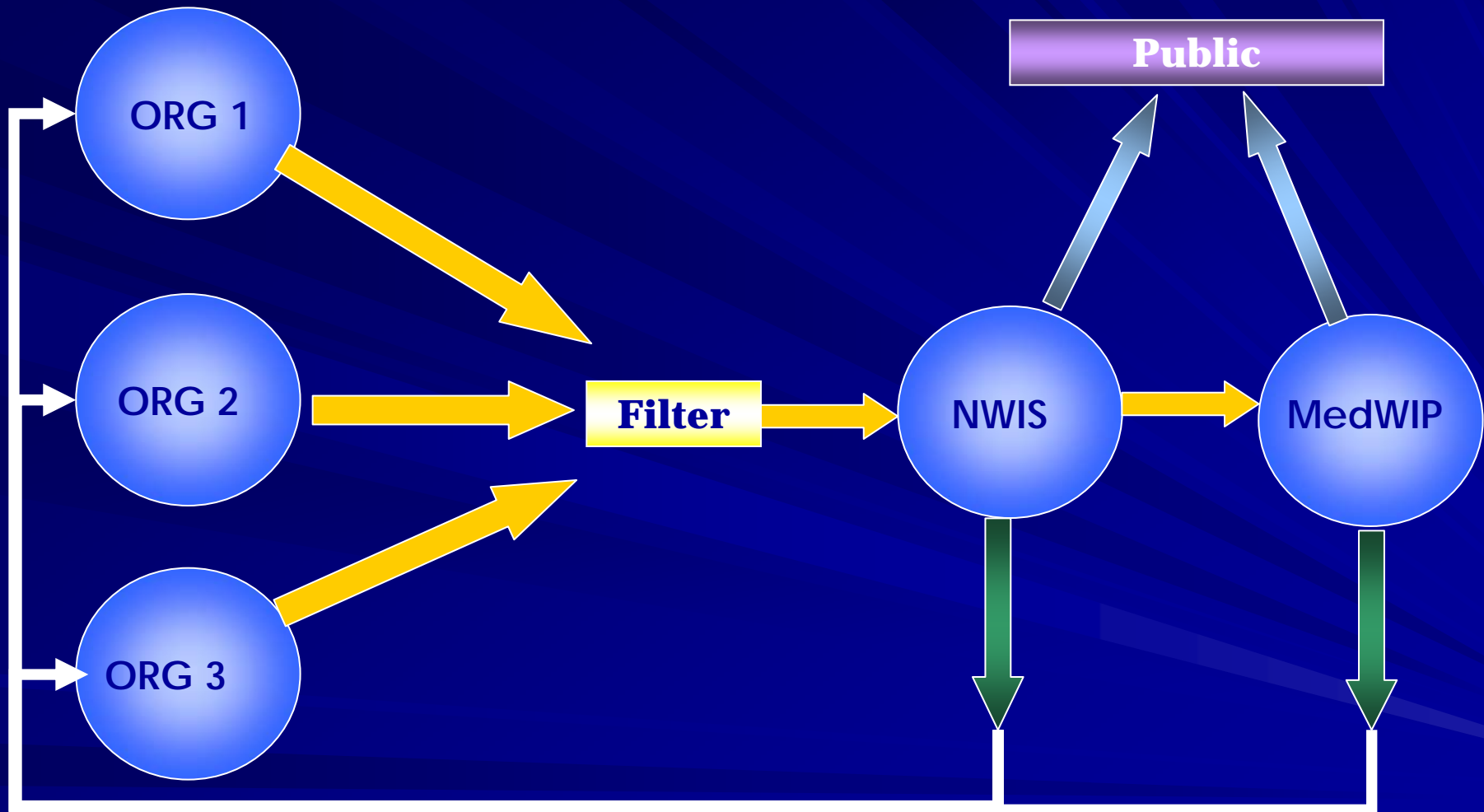
- Consumers and data users need both up to date data as well as older statistics
- End users need precise and easily accessible data
- The whole interface should be user friendly – for any user

Recommendations

- Clear data generation responsibility for each organisation
- Homogenization of data format
- Filtering of information where necessary
- Useful indicators should be agreed – see for example the WFD 2000/60/EC

Recommendations

cont' d



Thank you for your attention.