

WaterStrategyMan Project Meeting Minutes

Porto 16-18th January 2003

Attendees

Porto University	Rodrigo Maia Cristina Silva
NTUA	Dionysis Assimacopoulos Evan Vlachos Christos Karavitis Ino Katsiardi Elina Manoli
Ruhr University	Andreas Schumann Dominik Wissler
ProGeA S.r.l.	Ezio Todini Saverio Vetrano Alessandro Peruffo
Hebrew University	Eli Feinerman Gadi Rosenthal
International Office for Water	Jean-Marc Berland Bernard Barraqué
Water Development Department	Iacovos Iacovides Christodoulos Artemis Nikodimos Nikodimou
Aeoliki	Yiannis Glekas
INSULA	Cipriano Marin

Meeting Agenda

Thursday 16th January 2003

- 09:10 – 09:25 Overview of Deliverables for the first year (Dionysis Assimacopoulos)
- 09:25 – 09:45 Deliverables 1 “Range of existing circumstances” and 3 “Workshop proceedings” (Dominik Wisser)
- 10:00 – 10:45 Deliverables 4 “Systematic typology of comprehensive problematique” and 5 “Set of representative Paradigms” (C. Karavitis)
- 11:10 – 11:45 Methods for Estimating Economic Costs for Deliverable 7, “Methodology Report on the quantitative analysis of water systems, the estimation of economic and environmental costs and multi-criteria decision-making approaches” (Jean-Marc Berland)
- 11:45 – 12:15 Deliverable 8, “Methodology for evaluating water resources management scenarios” (Andreas Schumann)
- 12:40 – 13:00 Deliverable 10, “Report on Models, tools and DSS for water management” (Alessandro Peruffo)
- 14:55 – 16:00 Paradigms for Cyprus (Yiannis Glekas, Iacovos Iacovides)
- 16:00 – 16:25 Defining the Case Study for Italy (Saverio Vetrano)
- 16:30 – 16:50 Defining the Case Study for Israel (Gadi Rosenthal)
- 16:50 – 17:10 Defining the Case Study for Spain (Cipriano Marin)
- 17:15 – 17:35 Defining the Case Study for Portugal (Rodrigo Maia)
- 17:35 – 18:00 Paradigms for Greece – The case of Paros (Ino Katsiardi)

Friday 17th January 2003

- 09:15 – 09:30 Paradigms, Case Studies and Strategies –Generation of coherent water management scenarios (Ino Katsiardi)
- 09:30 – 09:50 Terms of Reference and the framework for the Decision Support System (Dionysis Assimacopoulos)
- 10:25 – 11:00 Models for water availability (Ezio Todini)
- 11:15 – 11:45 Models for water demand and scenario evaluation (Andreas Schumann)
- 12:00 – 12:30 Capital, Environmental and Opportunity Cost Models (Eli Feinerman)
- 12:35 – 12:55 Efficient allocation of water prices and Scarcity rent (Gadi Rosenthal)
- 15:00 – 15:40 Presentation of the prototype Decision Support System (Dionysis Assimacopoulos)
- 16:00 – 17:30 Transfer to and guided Tour of Águas de Gaia and Municipality of Gaia works, and transfer to the Center of Environmental Education of Gaia City
- 17:30 – 18:15 An integrated water management experience at municipal scale (Professor Poças Martins)

Saturday 18th January 2003

- 09:35 – 10:00 Deliverable 6 requirements, “Annual Report” and other Administrative issues (Dionysis Assimacopoulos)
- 10:00 – 10:10 Data availability requirements (Dionysis Assimacopoulos)
- 10:10 – 10:30 Data availability for Cyprus (Y. Glekas and I. Iakovides)
- 10:30 – 11:55 Selection of Case Studies and Data Availability (All Partners)
- 12:00 – 12:30 Upcoming work packages and work planning/organization (Dionysis Assimacopoulos)

Important Decisions made / Conclusions / Comments and corrections

Regarding administration and partner communication

- Annual Report:
 - Contribution of partners regarding the preparation of the Annual Report should be submitted to NTUA by the end of January – beginning of February.
 - Contribution includes:
 - Management report
 - Cost statements (First Draft)
 - Reporting on work packages (by the work package coordinators)
 - Draft Technological Implementation Plan
 - Cost statements will be checked by NTUA and resent to partners for final approval and signature.
- Contract amendments:
 - Any requests for contract amendment should be submitted to the co-ordinator along with the cost statements
- Next meetings will be:
 - October 2003 – Paris Workshop
 - January 2004 – Canary Islands
 - September 2004 – Sicily (tentative)
- Deliverables
 - There should be a clear distinction between deliverables and reports. Deliverables should be able to **stand – alone** without reference to the project and

be considered as a final document before publication. All deliverables should follow a **common format**.

- All case study partners should check their contributions in Deliverables 1, 3, 4 and 5 in case that some points have been misinterpreted.
- Web site and publicity
 - Partners should each write a short draft document to be uploaded on the website regarding their role and view of the project.
 - A 4-page quarterly newsletter should be published and uploaded on the web-site.
 - A WaterStrategyMan Glossary, or Vocabulary of Terms, is necessary, including Acronyms used. The glossary will be published on the web site.

Regarding the Case Studies

- The regions selected were:
 - Cyprus – A pilot master plan will be attempted
 - Portugal – Algarve (tentative pending on approval – alternative Guadiana)
 - Spain – Tenerife and Donana
 - Italy – Belice Basin, Sicily
 - Israel – Tel Aviv and Arava
- Stakeholders should be included in the formulation of water management plans for each case study.
- The Water Poverty Index should be introduced as well as the existing indices, that takes social parameters into account, together with the environmental and physical factors
- Cooling of power plants should be separated from industrial water use and demand for hydroelectricity, as well as tourism from domestic use

Regarding the DSS Tool and Database

- Different levels of data entry should be introduced in the tool, so that it will be possible to enter data with a range of complexity and use the equivalent model according to data availability.
- A demo in HTML format for the Tool Interface will be sent to the case study partners by the middle of February.
- Sample Excel files for data entry will be sent to the case study partners by the middle of March.
- A series of meetings between case study partners and the NTUA team for data entry and training on the DSS will take place during May and June.

Regarding the Economics of Water

- The issue of subsidies should be further investigated and included as an economic indicator.
- Benefit to cost ratios (as an economic indicator) should be replaced by the difference (Benefits-Costs)
- It is impossible to incorporate all aspects of opportunity cost, so the approach should be simplified.
- Prices should be charged based on distances from the source, and also reflect the seasonal availability of the resource (Summer vs. winter)
- An approximation for the estimation of environmental costs can be based on the cost for complying with the relevant legislation (e.g. Wastewater Treatment Plant costs). For other environmental costs (e.g. aquifer depletion) approximations can be based on literature review estimates.