



SEMIDE

<http://www.semide.org>



EMWIS

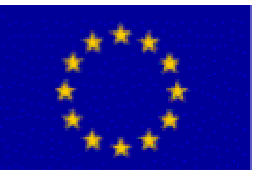
<http://www.emwis.org>

**Systeme Euro-Méditerranéen
d'information sur les savoir-faire
dans le domaine de l'Eau**

**Euro-Mediterranean Information
System on know how in the water
sector**

Eric Mino

**Unité Technique du SEMIDE
EMWIS Technical Unit**





The Euro-Med Partnership in the water sector

Barcelone'95	Euro-Mediterranean conference of Foreign Affairs Ministers <i>Creation of the Euro-Mediterranean partnership</i>
Marseille'96	Euro-Mediterranean Ministerial conference on water management <i>EMWIS creation</i>
Helsinki'97	Euro-Mediterranean Ministerial Conference on the environment <i>EMWIS taken into account</i>
Naples'97	Euro-Mediterranean conference of the 27 Water General Directors <i>Approval of EMWIS</i>
Turin'99	Euro-Mediterranean Ministerial conference on local water management <i>Approval of the Action Plan for the MEDA Water call for proposals</i> <i>Strengthening of EMWIS</i>



OBJECTIVES OF EMWIS

To create a tool for cooperation between the European and Mediterranean countries whose aim is to:

- **Facilitate access to the existing information** on know-how;
- **Develop the sharing of information** to enable anyone to make known his activities, his topics of interest ...;
- **Create common products and cooperation programmes** to develop available information and to promote the collection of the lacking information.

In the water sector



The (targeted) users

"Access to information that is available through this information exchange system should be open to all people interested in water management."

Marseilles, December 1996

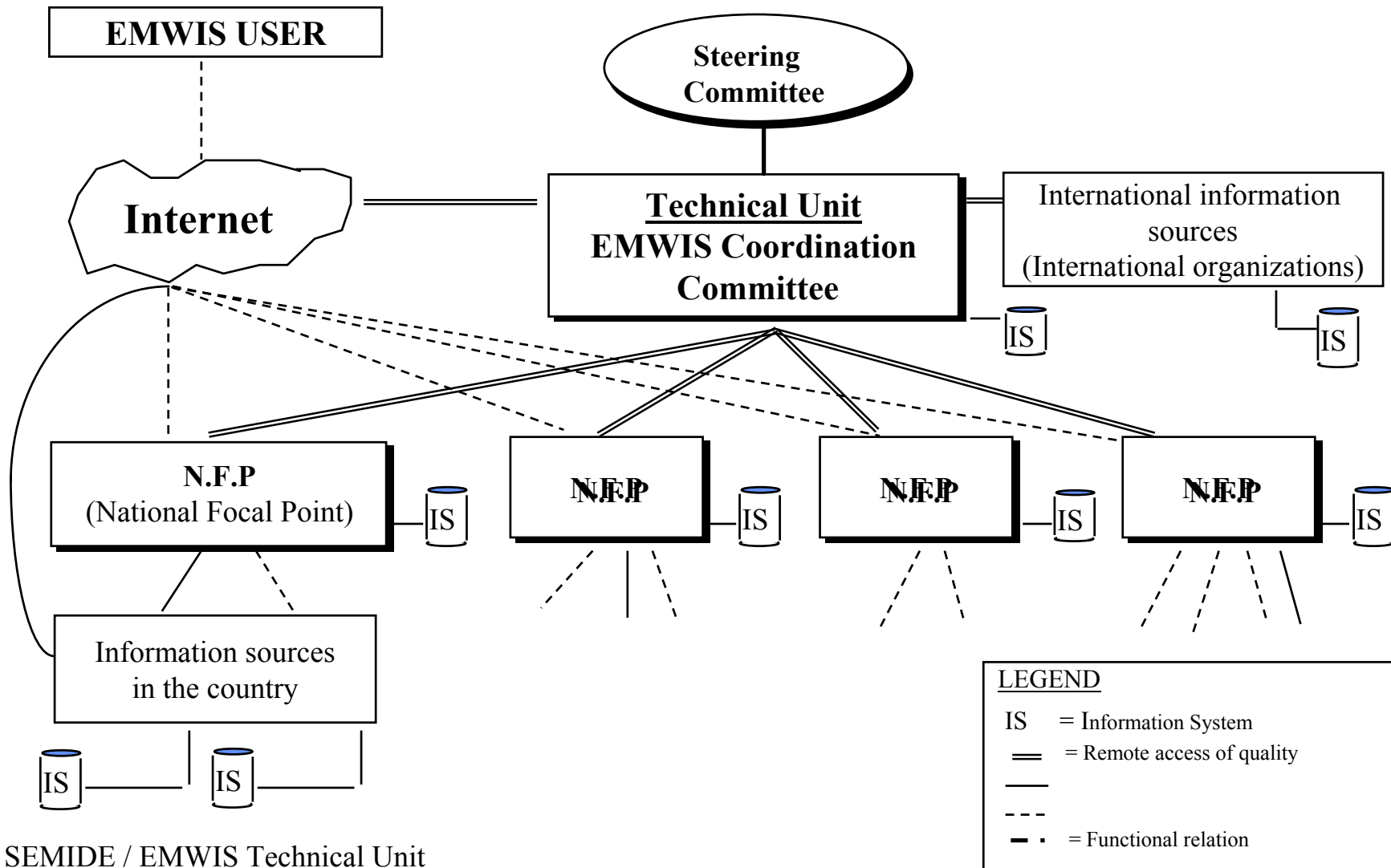


EMWIS CHARACTERISTICS

EMWIS is
an Euro-Mediterranean system of
shared and approved
information on know-how in the water
sector



EMWIS Organisation



Topic level
National or Local

LEGEND

- IS = Information System
- == = Remote access of quality
- =
- - - = Functional relation
- . - = Functional relation



The National Focal Points

➤ European Union:

8 NFP created and 5 active websites

Austria, Belgium, France, Greece, Italy, Luxembourg, Portugal, Spain

➤ Mediterranean partners:

12 NFP created and 9 active websites

Algeria, Cyprus, Egypt, Israel, Jordan, Lebanon, Malta, Morocco, Palestine, Syria, Tunisia, Turkey



Algeria	Agence de bassin Constantinois-Seybousse-Mellegue
Cyprus	Water Development Department
Egypt	Ministry of Water Resources and Irrigation
Israel	Hydrological Service of Israel
Jordan	Ministry of Water and Irrigation
Lebanon	Ministère de l'Eau et de l'Energie



Malta	Water Services Corporation
Morocco	Ministère de l'Équipement
Palestine	Palestinian Water Authority
Syria	Ministry of Irrigation
Tunisia	Ministère de l'Agriculture
Turkey	General Directorate of State Hydraulic Works



Partners' contributions

European Commission (contractual budget)	<ul style="list-style-type: none">➤ Support to the international communication network➤ Participation costs of non EU representatives to meetings➤ Technical assistance and training costs➤ Organization of information seminars
Technical Unit Countries (contractual budget) France, Italy and Spain	<ul style="list-style-type: none">➤ Investments and running costs of the Technical Unit➤ International Focal Point
Countries of the Euro-Med Partnership	<ul style="list-style-type: none">➤ Investments and running costs of their National Focal Point



The 5 priority topics in the water sector

- **Institutions**
- **Documentation, including legislation**
- **Education and training**
- **Research and Development**
- **Data administration**



Services offered

- **Thematic water directory: « who does what » per topic and per country**
- **Information search tools through all National websites**
- **Multilingual search engine on distributed bibliographical databases**
- **A circle for exchanging information: mailing lists and thematic electronic fora**
- **Information portal:**
 - **What's new in each country**
 - **Institutions water structure in each country**
 - **Other services developed by the National Focal Points**



EMWIS Thematic Directory

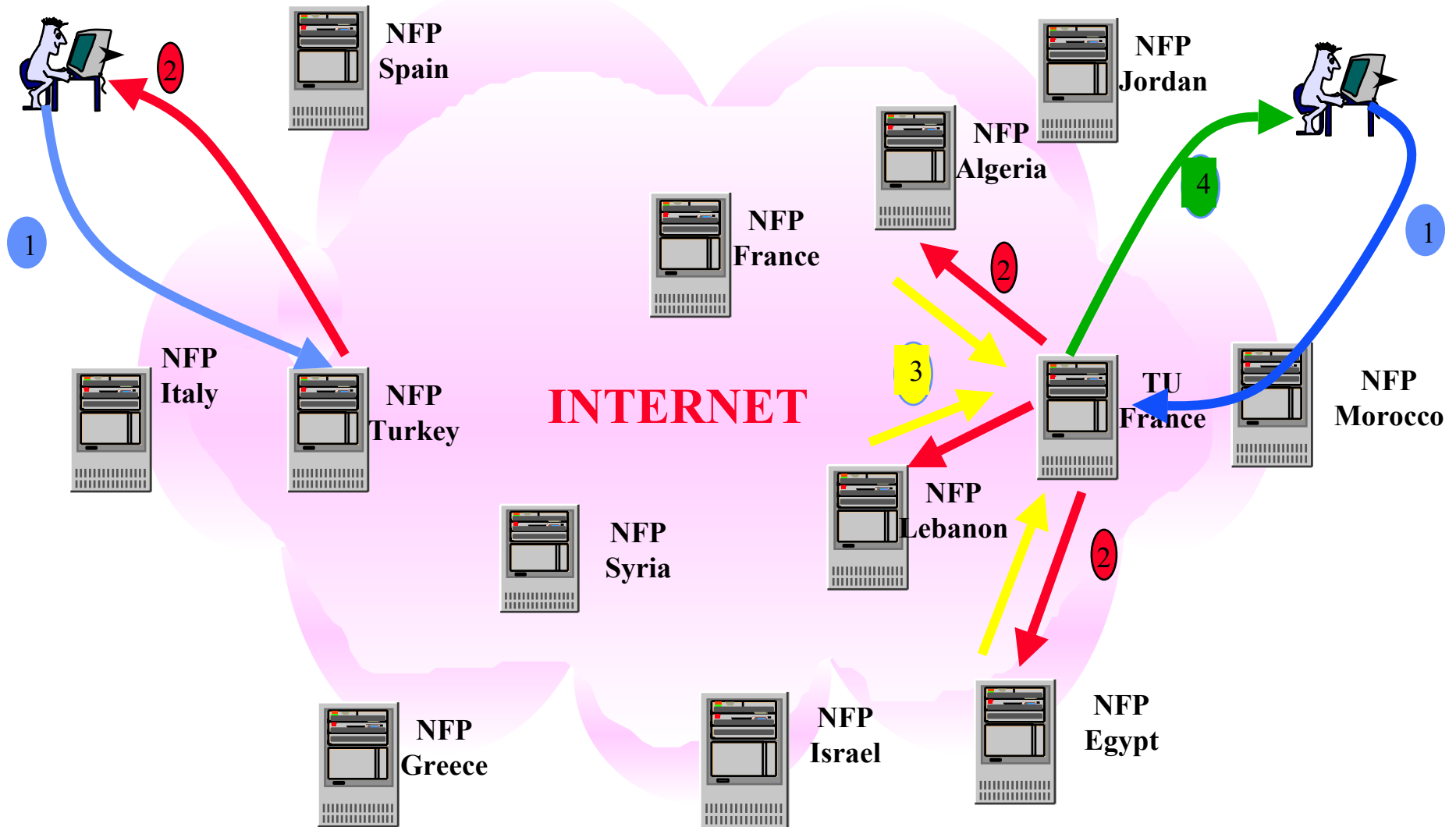
Who does what in the water sector in the Euro-Med countries

Distributed database managed by the NFP with a common model. It provides information on :

- **Organisations**
- **Information sources**
- **Contacts**
 - **Persons representing the organisations**
 - **Managers of information sources**
 - **Experts**



The system at work





Language and Access

	NFP server	T.U. server
Access language	National + EN or FR	EN + FR
Content language	National	EN or FR
Search level on the content	National	All servers (max. 28)



The role of National Focal Points

- **Implementation and management of the national water information server as an EMWIS node**
- **Information collection and implementation of the thematic directory**
- **Agreements with information sources managers for access through EMWIS**
- **Development of common access to these information sources**



Importance of EMWIS focal points for each country

- The water information portal for the country**
- The window on the country know-how in the water sector**
- A major tool for building new collaborations**



Information sources of interest

- **Directories of organisations**
- **Documentation:**
 - **Documentary data bases : bibliographical or full text**
 - **Legal texts**
- **Teaching programs**
- **Research programs and projects**
- **Data administration methods and tools**



Very stimulating achievements

- **High level political commitment**
- **The only operational and interactive regional project of the Euro-Med Partnership in the water sector**
- **Strengthening of the Partnership spirit**
- **EMWIS is entering into the 'national water culture': creating a favourable momentum for further developments both technical and organisational**



Second phase: enhancing and consolidating the achievements

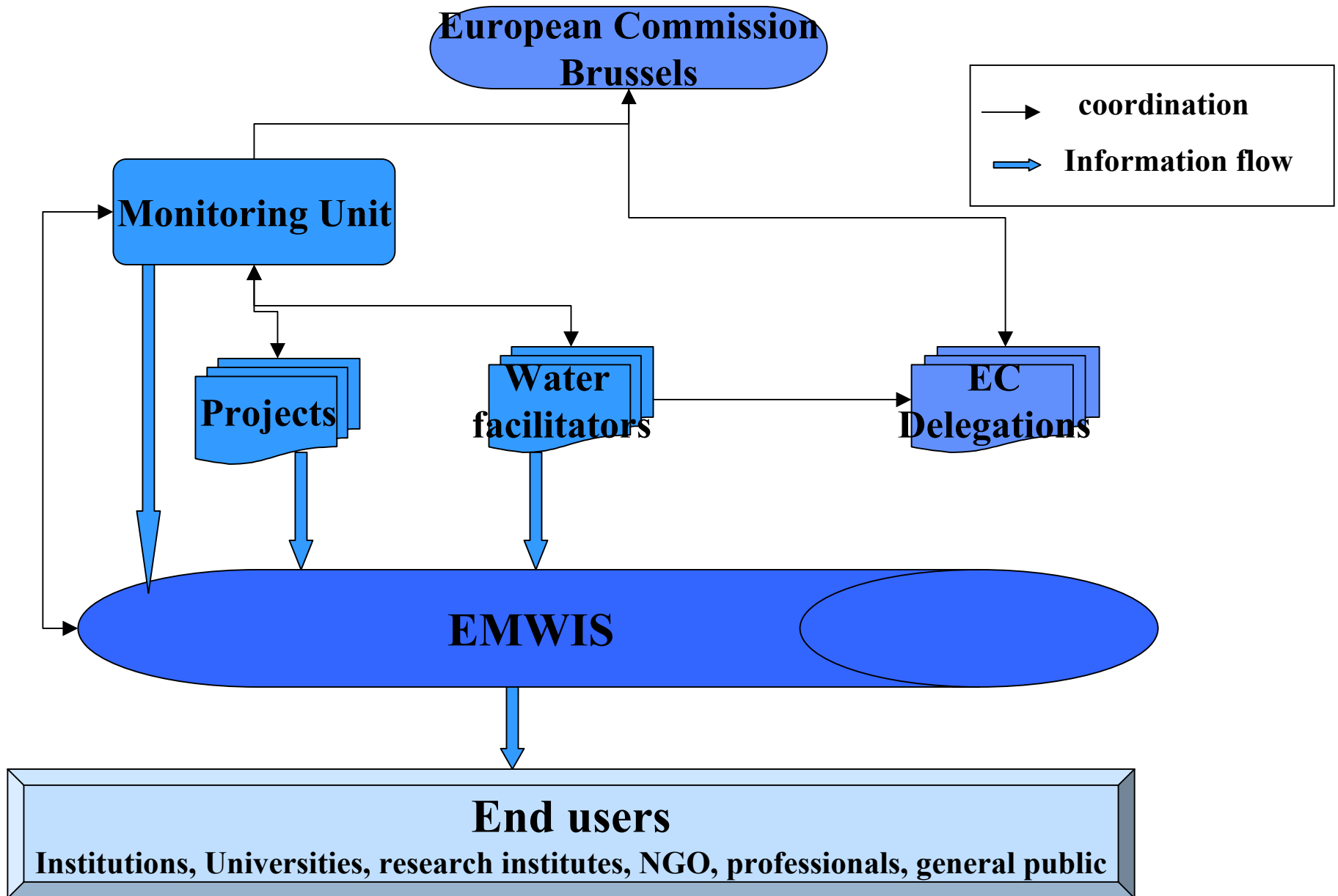
(2003-2005)

- 1. Maintaining a strong co-ordination with political structures**
- 2. Reinforcing the NFPs**
Incl. Adapting the system to national needs and requirement
- 3. Expansion and development of services**
Incl. Integration of the Arabic language, water meta-crawler development
- 4. Review of the technical architecture (XML based)**
- 5. Operating information existing services**
- 6. Fostering the promotion of the system**
- 7. Development of topical activities**
- 8. Dissemination of the MEDA – Water results**
- 9. Liaison with international initiatives**
Incl. Analysing the set-up of a WaterML initiative to harmonise information exchange

MEDA-Water Programme



- **Budget: 32,6 M€** **2002-2005**
- **Areas of Action**
- **I. Integrated management of local drinking water supply, sanitation and sewage**
- **II. Local water resources and water demand management**
- **III. Prevention and mitigation of the negative effects of drought and equitable management of water scarcity**
- **IV. Irrigation water management**
- **V. Use of non-conventional water resources**
- **VI. Preparation of national and local scenarios until 2025**
- **Horizontal Themes**
- **A. Strengthening institutional capacities and training**
- **B. Exchange of information and know-how**
- **C. Transfer of know-how and technology**
- **D. Awareness raising, mobilisation of commitment of the population**





Conclusions

- **EMWIS reflects a real need and a strong demand of all the partners**
- **By giving access to knowledge in the institutional, technical, and know-how fields, EMWIS proves to be a very powerful tool supporting the implementation of sustainable development policies in the field of water management**



EMWIS:
**a collaboration tool among Euro-
Med countries in the water
sector**

<http://www.semide.org>

<http://www.emwis.org>

Tel: +33 497 23 10 30

Fax +33 497 23 10 39

Email: info@semide.org