



# SEMIDE

<http://www.semide.org>



# EMWIS

<http://www.emwis.org>

**Système 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

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

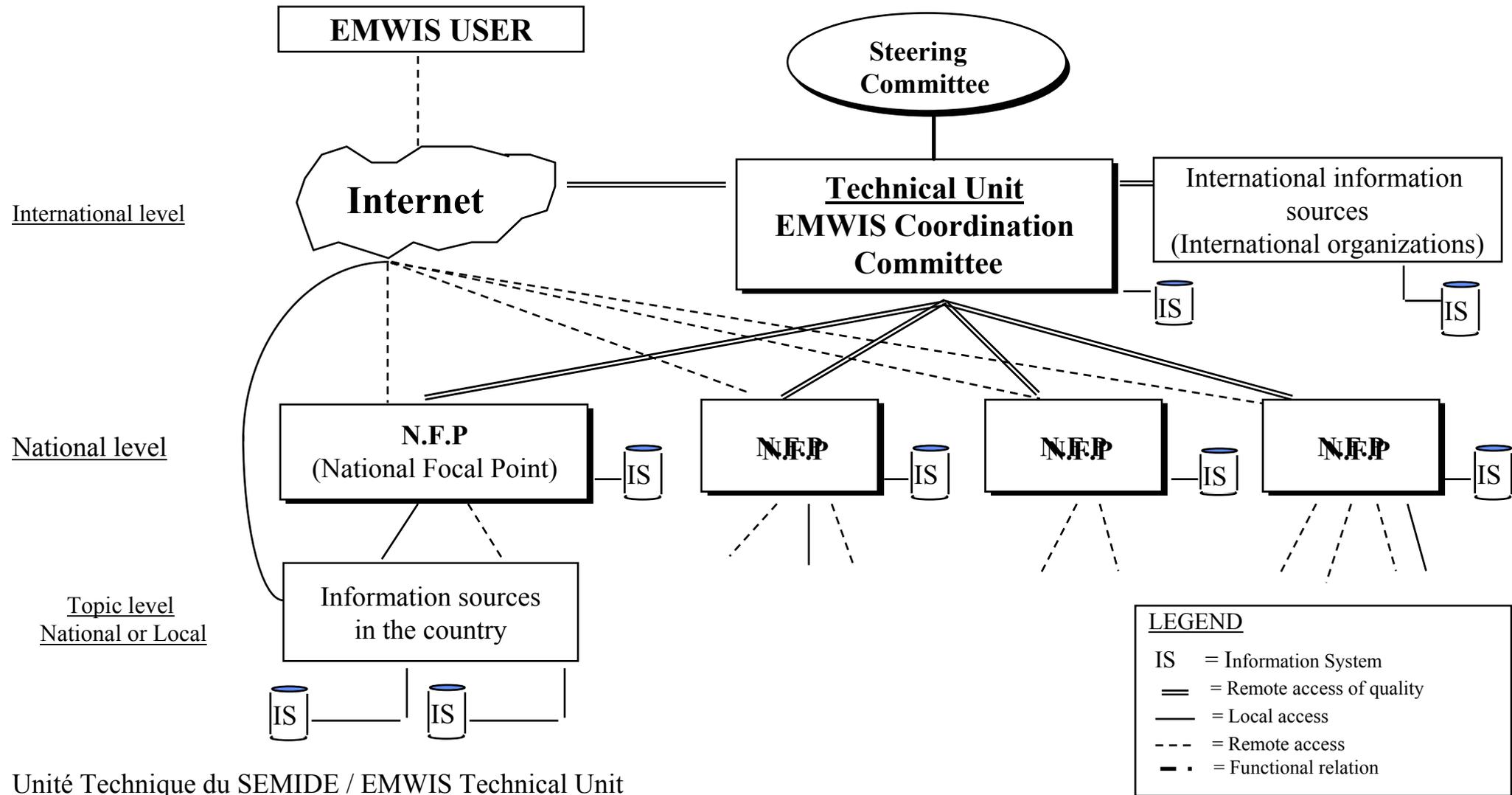


# EMWIS CHARACTERISTICS

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



# EMWIS Organisation





# 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**



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



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



# Partners' contributions

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



# 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

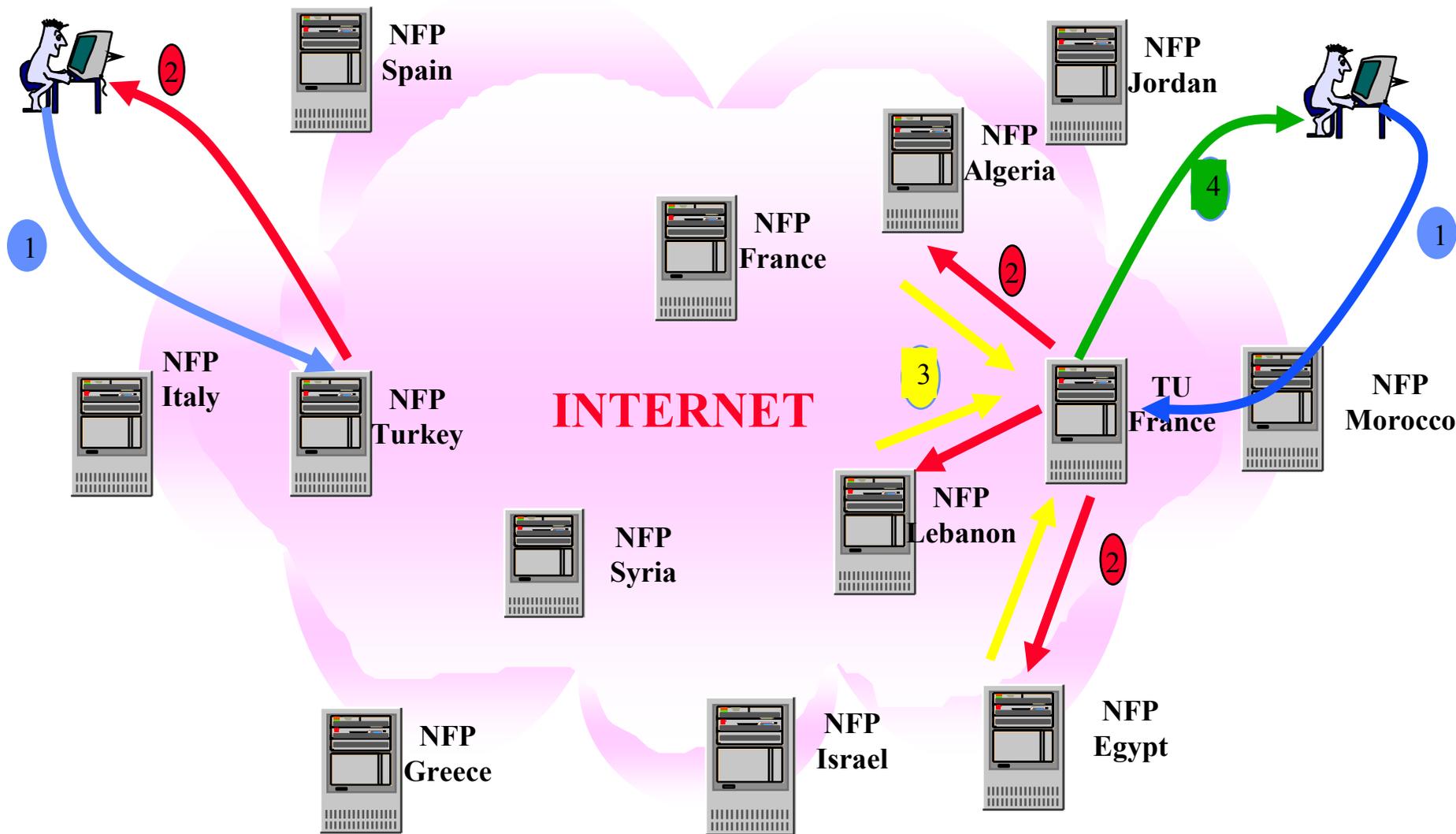
*Who does what in the water sector in the Euro-Med countries*

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

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



# 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**

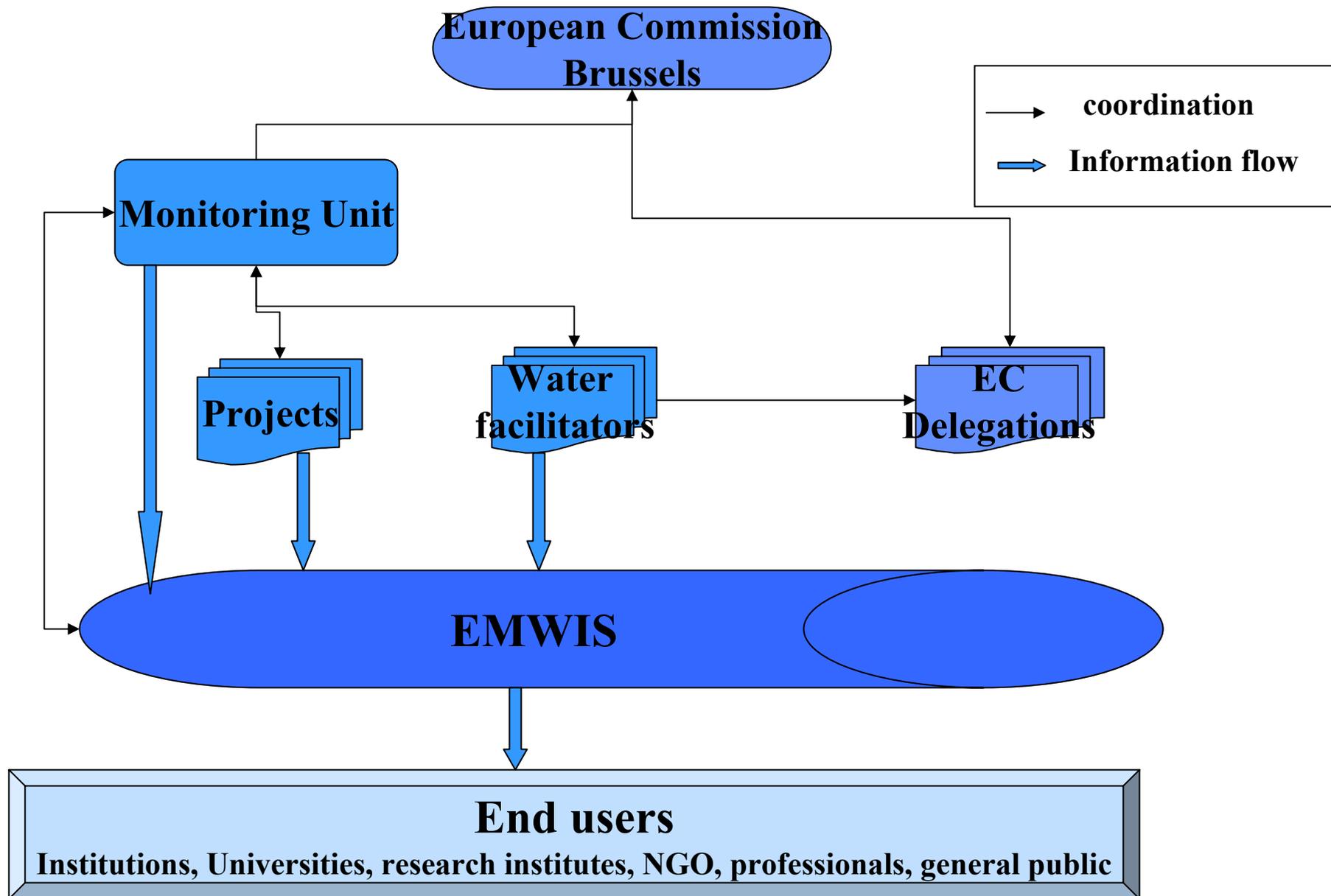
## **(2003-2005)**

- 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](mailto:info@semide.org)**