



# SEMIDE

<http://www.semide.org>

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



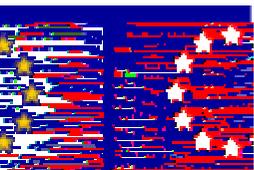
# EMWIS

<http://www.emwis.org>

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

**نظام المعلومات الأورو-  
متوسطي حول المهارات  
في مجال المياه**

**Juan CANOVAS**  
Président du Comité Directeur  
Steering Committee President





# 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***

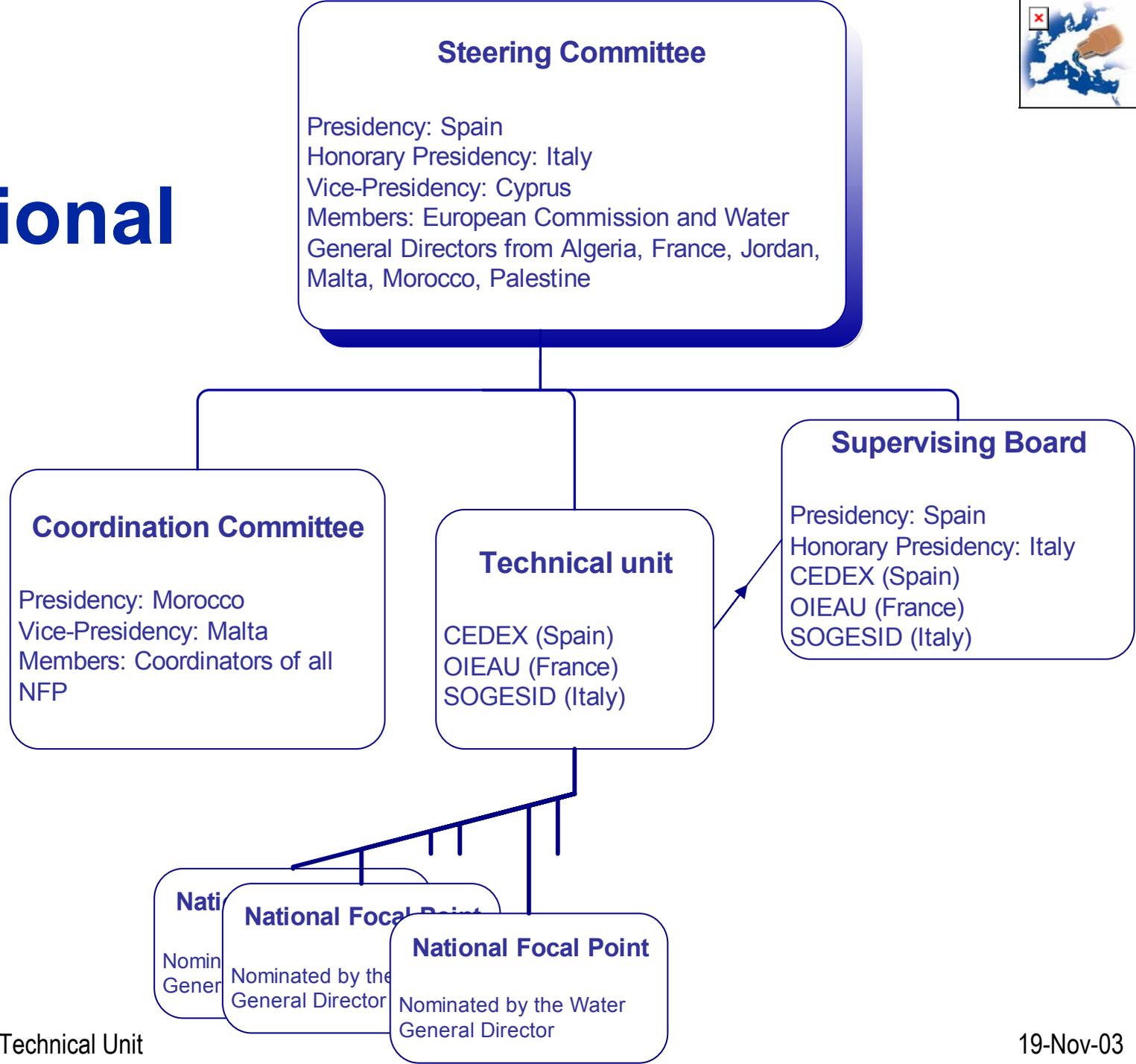


# EMWIS CHARACTERISTICS

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



# Organisational chart





# EMWIS History Overview

Dec'97	Meeting of Euro-Med Water General Directors, Naples Approval of EMWIS operational launch
July'98	Creation of the European Economic Interest Group UT-SEMIDE supported by Italy, France and Spain
July'99	EC grant contract for EMWIS set-up (phase I)
Oct'99	Operational launch
Nov'01	Meeting of Euro-Med Water General Directors, Madrid Approval of EMWIS Strategic Plan 2002-2005
Dec'02	20 National Focal Points created 14 National web sites running End of phase I
Nov'03	EC grant contract for EMWIS consolidation and enhancement (Phase II)



# 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**



# EMWIS NFP (Med countries)

Country	NFP organisation
<b>Algeria</b>	Agence de Bassin Hydrographique Constantinois -Seybousse - Mellegue
<b>Cyprus</b>	Water Development Department (W.D.D.)
<b>Egypt</b>	Ministry of Public Works and Water Resources
<b>Israel</b>	The Hydrological Service of Israel (HSI)
<b>Jordan</b>	Ministry of Water and Irrigation
<b>Lebanon</b>	Ministère de l'Énergie et de l'Eau
<b>Malta</b>	Water Services Corporation (WSC)
<b>Morocco</b>	Ministère de l'Équipement - Direction Générale de l'Hydraulique
<b>Palestine</b>	Palestinian Water Authority (PWA)
<b>Syria</b>	Ministry of Irrigation - International Water Bureau
<b>Tunisia</b>	Ministère de l'Agriculture - Direction Générale des Ressources en Eau
<b>Turkey</b>	General Directorate of State Hydraulic Works (D.S.I)



# EMWIS NFP (EU)

Country	NFP organisation
<b>Austria</b>	Austrian Water
<b>Belgium</b>	Aminal - Afdeling Europa en Milieu
<b>France</b>	Service National d'Information et de Documentation sur l'Eau (SNIDE)
<b>Greece</b>	Ministry of Environment Physical Planning and Public Works
<b>Italy</b>	Ministry of Environment
<b>Luxemburg</b>	Ministère de l'Environnement
<b>Portugal</b>	Instituto de Agua (INAG)
<b>Spain</b>	Centro de Estudios y Experimentacion de Obras Publicas (CEDEX)



# Partners' contributions

<p><b>European Commission + Technical Unit Countries</b> i.e. France, Italy and Spain (contractual budget)</p>	<ul style="list-style-type: none"><li>➤ Participation costs of non EU representatives to meetings</li><li>➤ Technical assistance and training costs</li><li>➤ Organization of workshops, seminars and conferences</li><li>➤ Direct support to the NFP</li><li>➤ Investments and running costs of the Technical Unit</li><li>➤ International Focal Point</li></ul>
<p><b>Countries of the Euro-Med Partnership</b></p>	<ul style="list-style-type: none"><li>➤ Investments and running costs of their National Focal Point</li></ul>



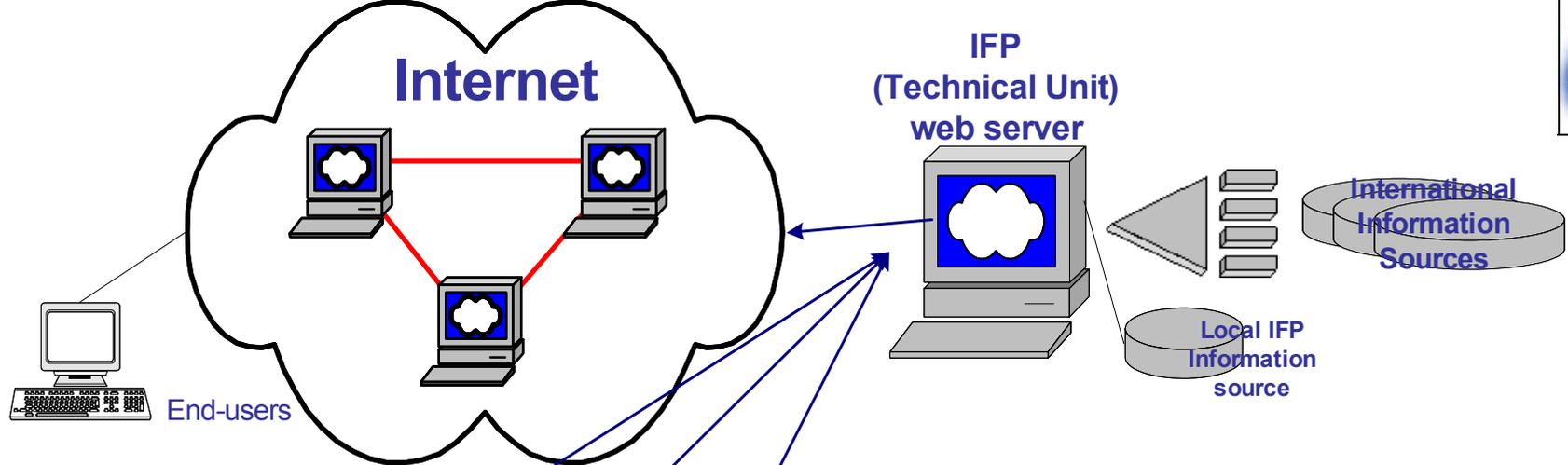
# The 5 priority topics in the water sector

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

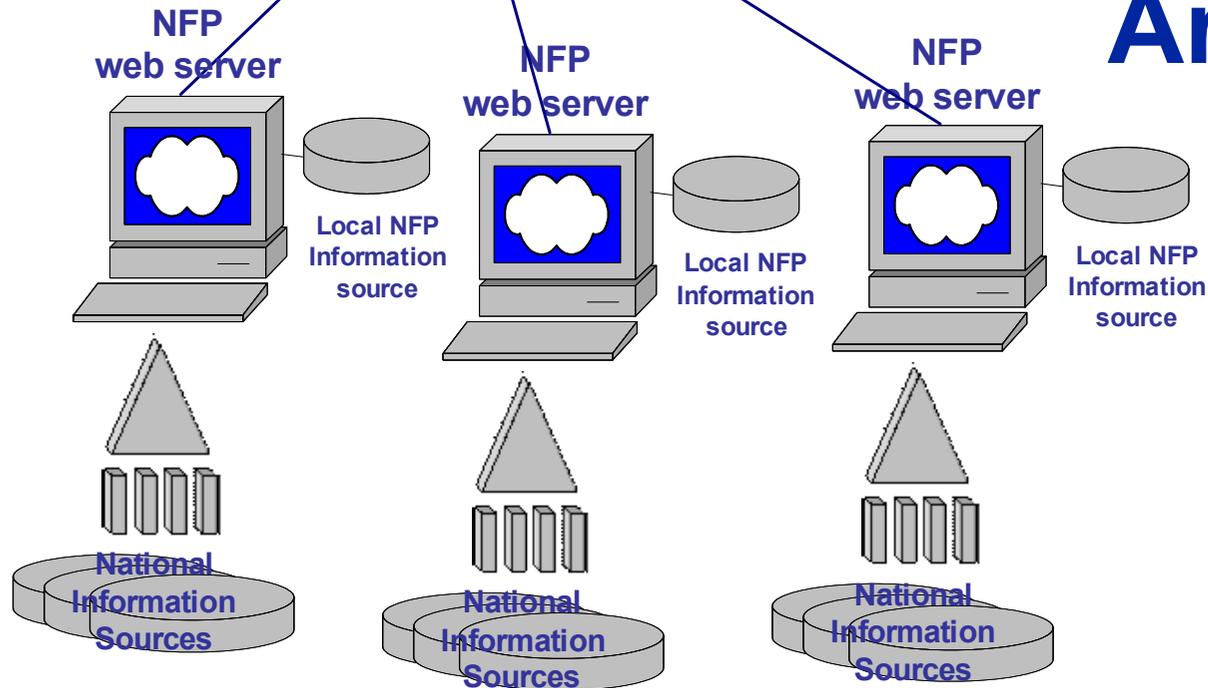


# Services offered

- **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**



# Technical Architecture





# 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**
- **A node of the Euro-Med system**



# 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**



# Partnerships established with complementary networks

- **INBO – International Network of Basin Organisations**
  - **Integrated Water Resources Management in the Mediterranean area (mainly through MENBO)**
- **IME – Institut Méditerranéen de l'Eau**
  - **Collection and dissemination of information on transnational projects in the Mediterranean area**

# Future trends

## (2003-2006)



- 1. Better integration of the system into national structures - Supporting National Water Information Systems**
- 2. Integration of the Arabic language**
- 3. Improving the flexibility of the technical architecture (XML based)**
- 4. Regional thematic reviews**
- 5. Annual conferences**
- 6. Information clearing house for International actions:**
  - **E.C. MEDA – Water programme**
  - **MED component of the EU water initiative**
  - **Global Water Partnership Med**
- 7. Liaison with international initiatives to harmonise information exchange**

# Euro-Mediterranean Regional Programme for Local Water Management



*So-called MEDA-Water, based on Turin Action Plan (oct'99)*

## ➤ 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



# MEDA-Water Projects

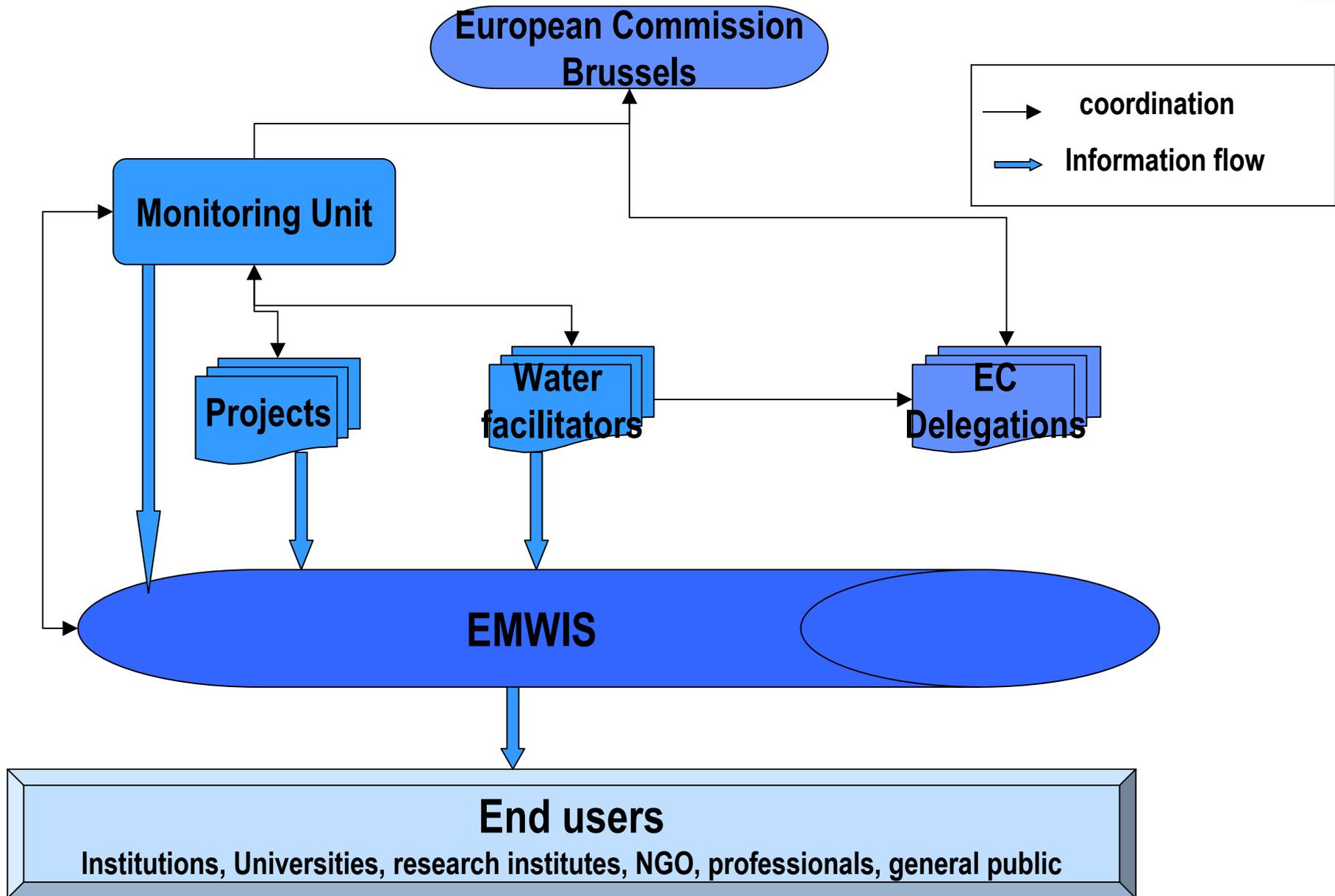
- **Total EC funding: ca. 40 M€**                      **2003-2007**
- **8 projects**
  - MEDAWARE - Development of tools and guidelines for the promotion of the sustainable urban wastewater treatment and reuse in the agricultural production in the Mediterranean countries
  - EMPOWERS: Euro-Med Participatory Water Resources Scenarios.
  - Efficient Management of Wastewater, its treatment and reuse in the Mediterranean Countries
  - ADIRA - Autonomous desalination system concepts for sea water and brackish water in rural areas with renewable energies – Potentials, Technologies, Field Experience, Socio-technical and Socio-economic impacts -
  - ISIIMM - Institutional and social innovations in irrigation mediterranean management
  - ZerO-M - Sustainable concepts towards a zero outflow municipality
  - IrWa - Improvement of irrigation water management in Lebanon and Jordan
  - MEDROPLAN - Mediterranean Drought Preparedness and Mitigation Planning
- **Med Countries covered by projects selected**
  - Cyprus, Egypt, Jordan, Lebanon, Morocco, Palestine, Tunisia, Turkey
- **Further information and latest new on [www.emwis.org](http://www.emwis.org)**



# EMWIS role within the MEDA-Water Programme

- **Dissemination of information**
  - International and national Web sites
  - Electronic flashes to more that 1500 subscribers
  - Annual EMWIS conferences
- **Provision of electronic facilities for projects monitoring**
- **Exchange of information and know-how between projects**

# MEDA-Water information exchange





# 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>

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