



SEMIDE

<http://www.semide.org>

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

**وروالا تامول عمل ا ماظن
تاراهملا لوح ي طس وتم
هايمل الاجم يف**

Juan CANOVAS
Président du Comité Directeur
Steering Committee President

EURO-MEDITERRANEAN PARTNERSHIP

EMWIS

<http://www.emwis.org>

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





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

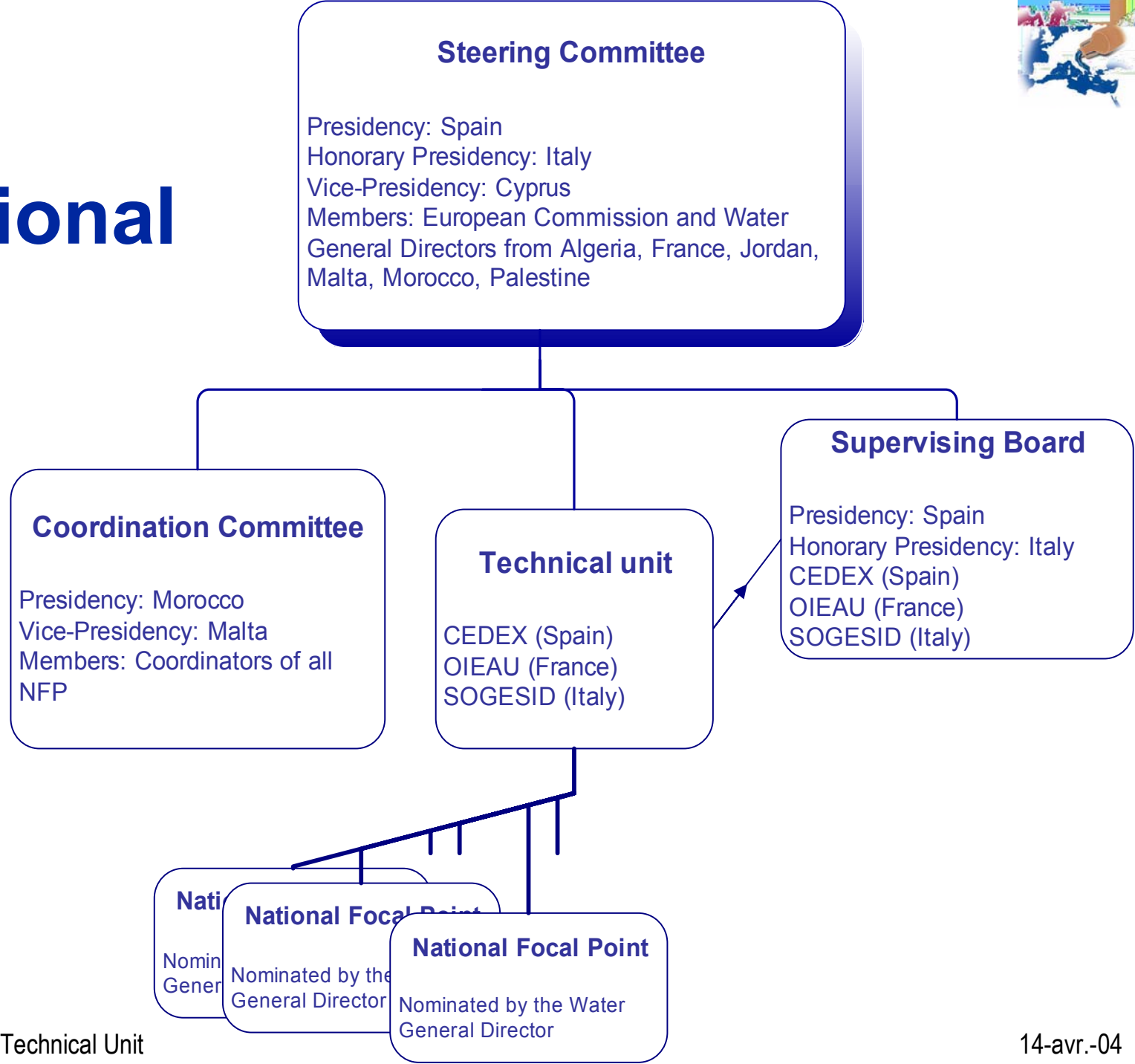


EMWIS CHARACTERISTICS

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



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



EMWIS NFP (EU)

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



Partners' contributions

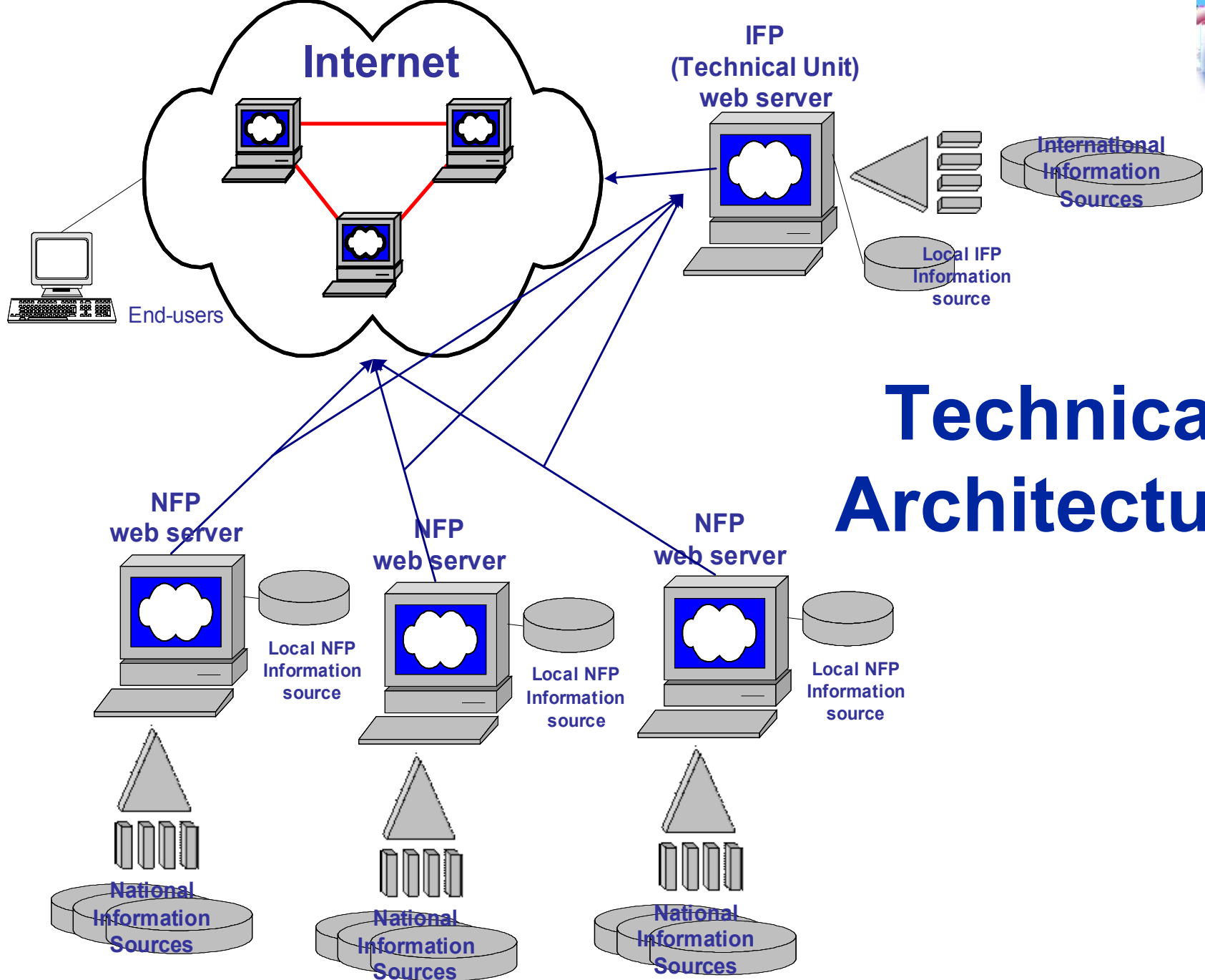
<p>European Commission + Technical Unit Countries i.e. France, Italy and Spain (contractual budget)</p>	<ul style="list-style-type: none">➤ Participation costs of non EU representatives to meetings➤ Technical assistance and training costs➤ Organization of workshops, seminars and conferences➤ Direct support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





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)



- **Better integration of the system into national structures - Supporting National Water Information Systems**
- **Integration of the Arabic language**
- **Improving the flexibility of the technical architecture (XML based)**
- **Regional thematic reviews**
- **Annual conferences**
- **Information clearing house for International actions:**
 - **E.C. MEDA – Water programme**
 - **MED component of the EU water initiative**
 - **Global Water Partnership Med**
- **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



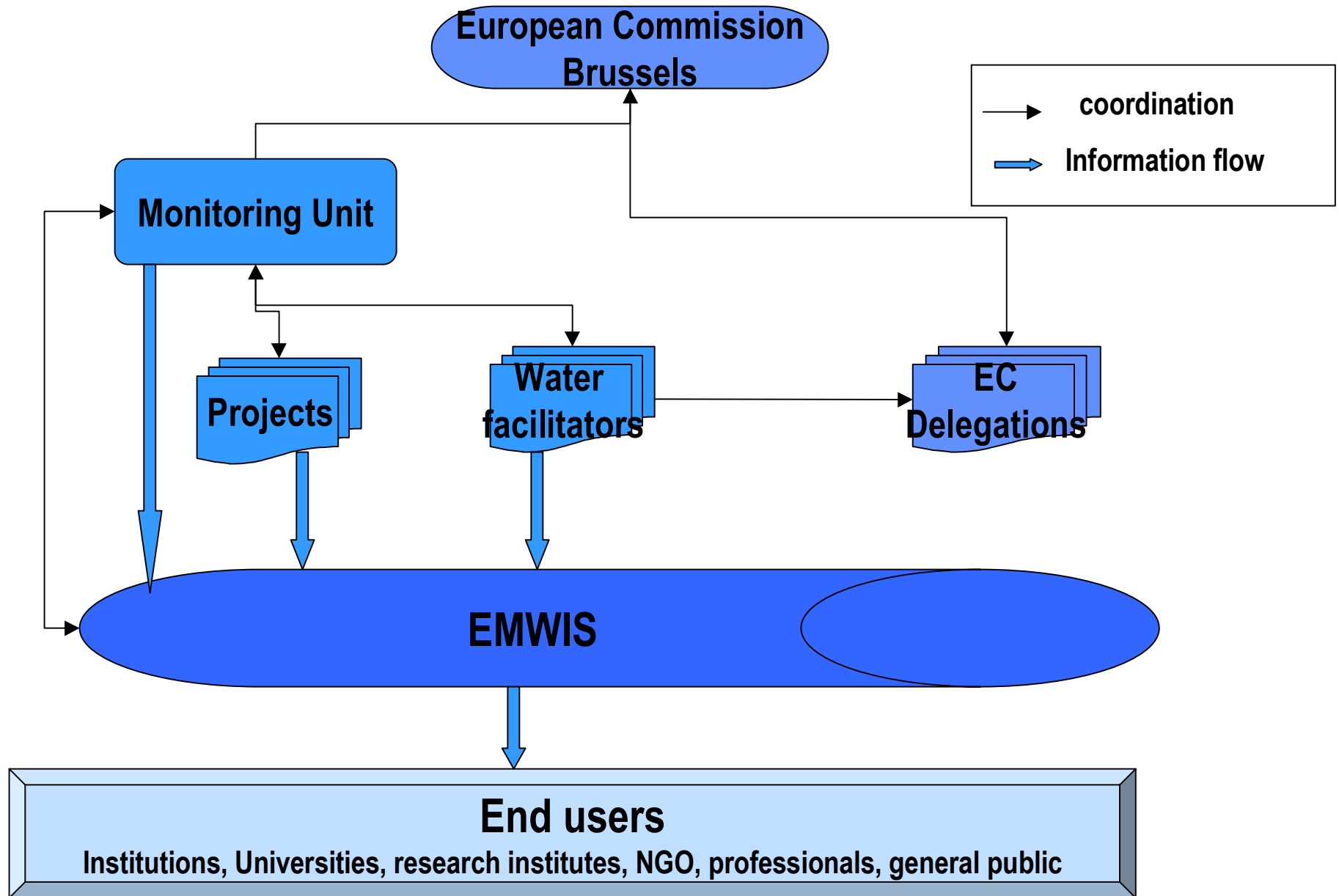
- **Total EC funding: ca. 40 M€** **2003-2007**
- **8 projects**
 - MEDAWARE - Development of tools and guidelines for the promotion of the sustainable urban wastewater treatment and reuse in the agricultural production in the Mediterranean countries
 - EMPOWERS: Euro-Med Participatory Water Resources 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**



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>

<http://www.emwis.org>

Tel: +33 497 23 10 30

Fax +33 497 23 10 39

Email: info@semide.org