



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**

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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>
Madrid'01	Euro-Mediterranean conference of the Water General Directors <i>Approval of EMWIS Strategic Plan for Phase II</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

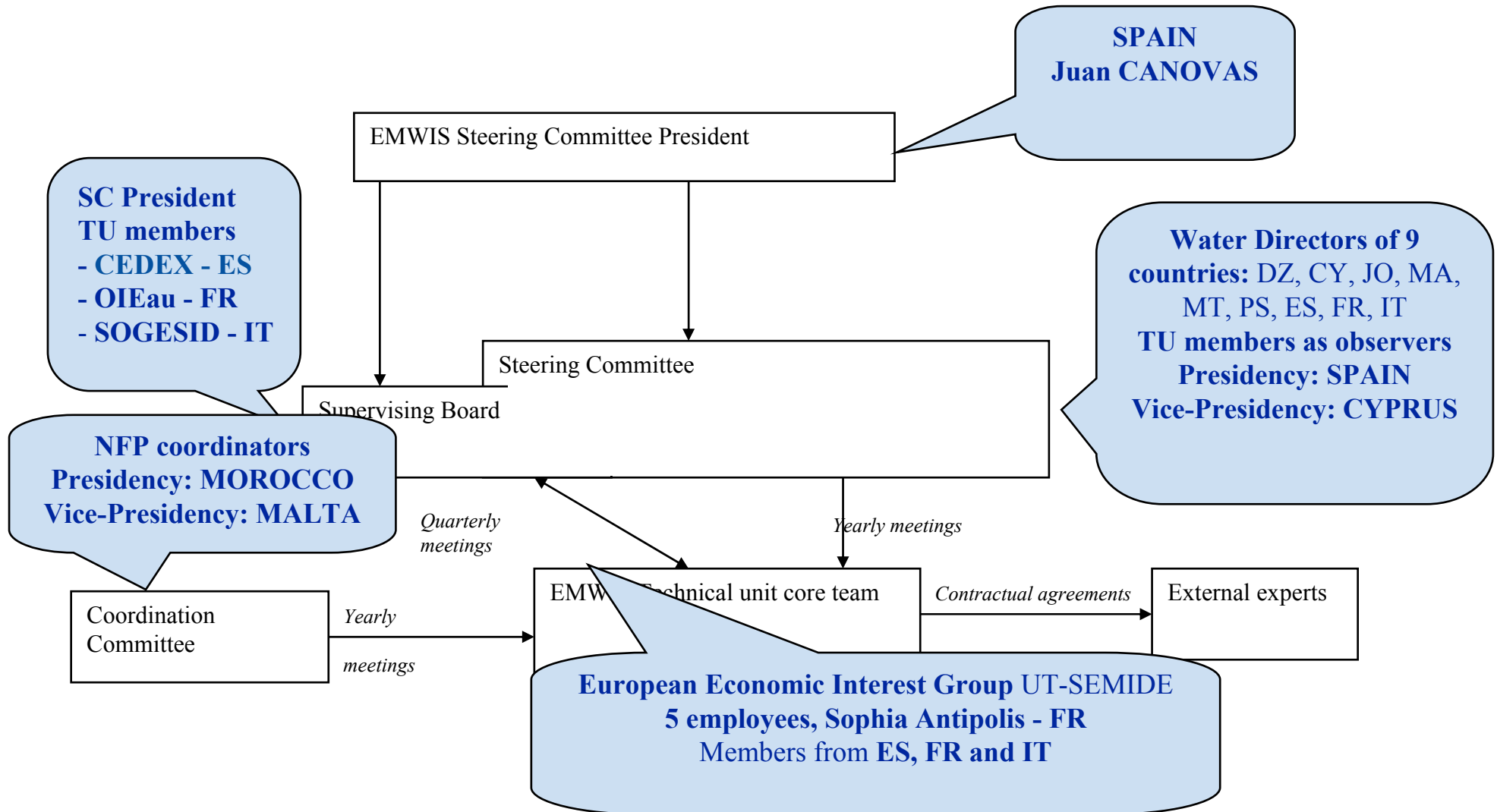


EMWIS CHARACTERISTICS

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



Organisational structure





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**
 - **Institutional water structure in each country**
 - **Other services developed by the National Focal Points**



The National Focal Points

➤ European Union: 25 countries

10 NFP created and 7 active websites

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

➤ Mediterranean partners: 10 countries

10 NFP created and 7 active websites

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



The role of National Focal Points

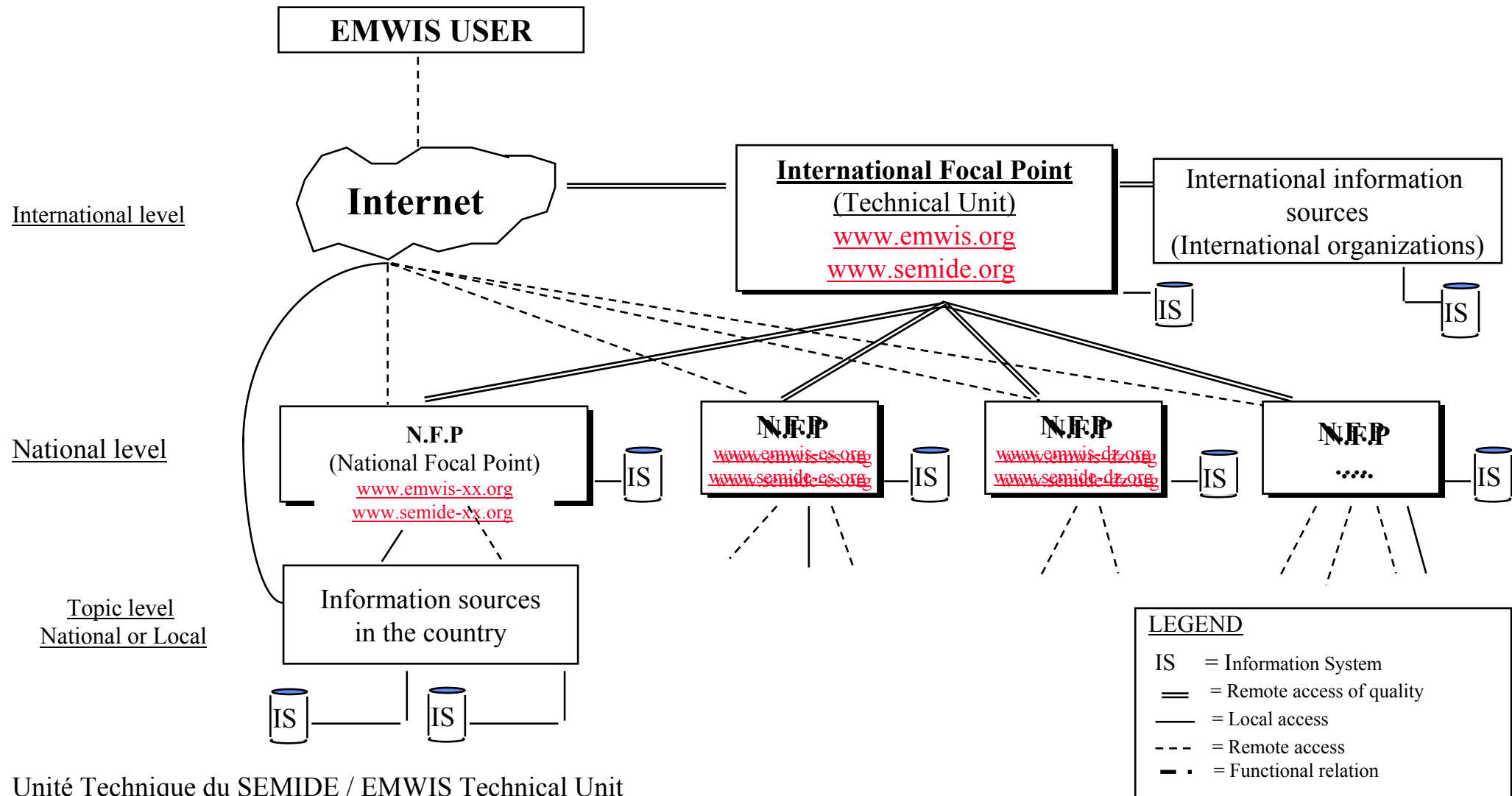
- **Implementation and management of the national water information server as an EMWIS node**
- **Information collection**
- **Agreements with information sources managers for access through EMWIS**
- **Development of common access to these information sources**



Importance of EMWIS focal points for each country

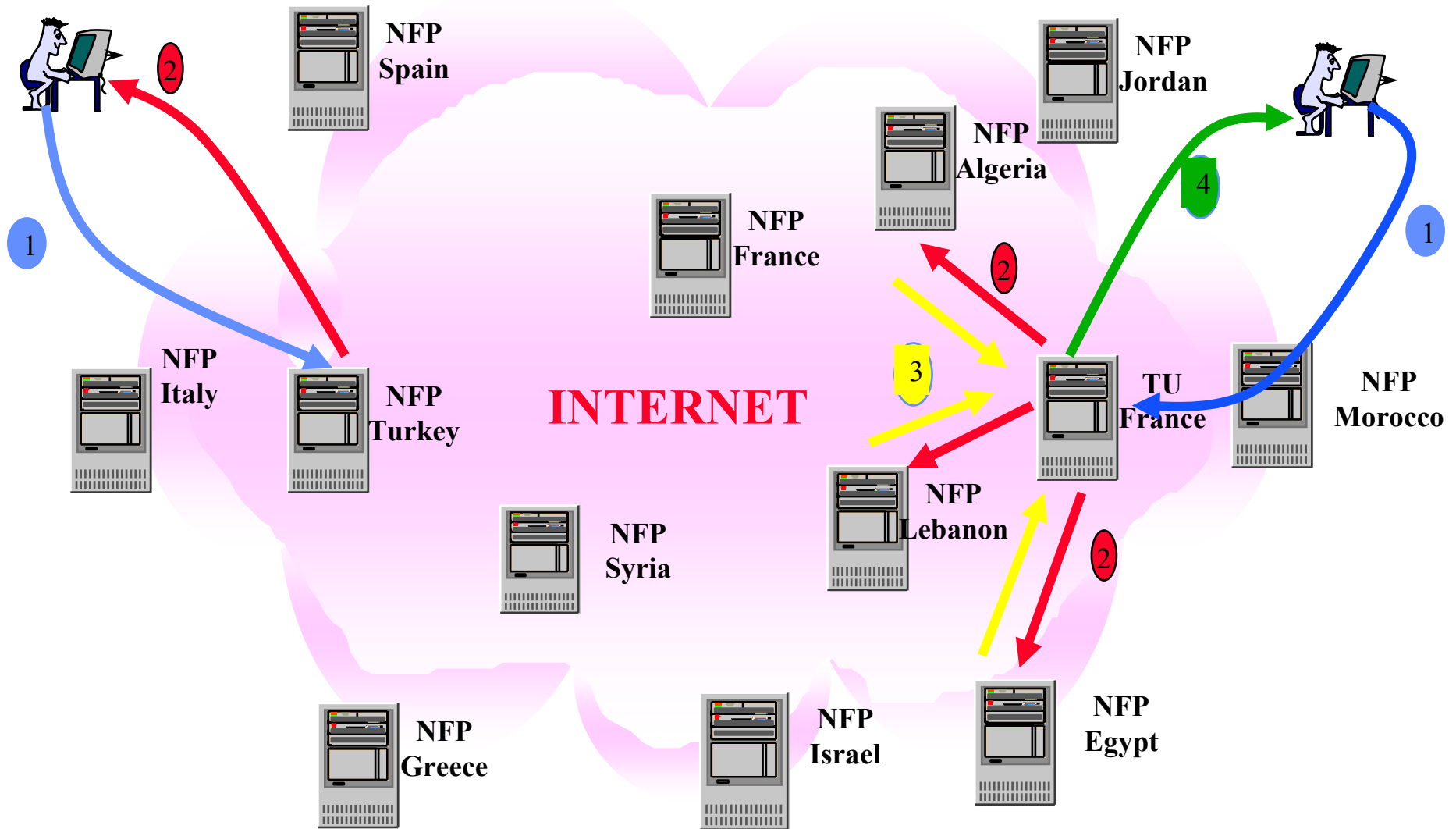
- **The water information portal for the country**
- **The window on the country know-how in the water sector**
- **A major tool for building new collaborations**
- **A node of the Euro-Med system**

EWMISS Architecture





The system at work





Language and Access

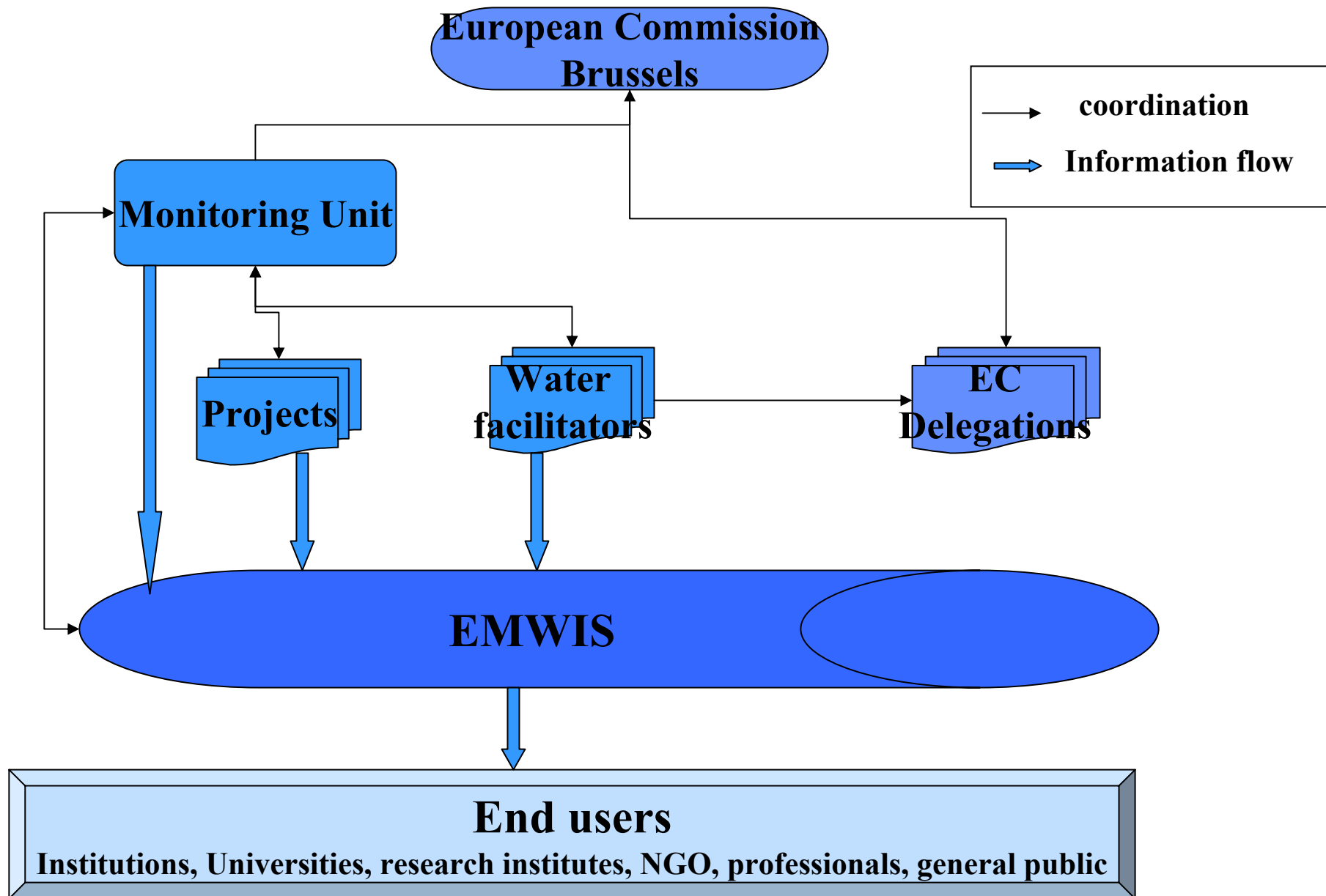
	NFP server	T.U. server
Access language	National + EN + FR	EN + FR + AR
Content language	National	EN or FR or AR
Search level on the content	National	All servers (max. 28)

Main activities

(2003-2006)



- 1. Support and training of the National Focal Points**
- 2. Better adaptation of the system to national needs and requirement**
- 3. Integration of the Arabic language**
- 4. Improving the flexibility of the technical architecture (XML based)**
- 5. Development of regional thematic reviews**
 - EU Framework Directive and Med Partner Countries
 - Use of non-conventional water resources
 - Irrigation water management
 - Integrated management of local drinking water supply, sanitation and sewage
- 6. Promotion of the system**
- 7. Information clearing house for International actions:**
 - 1. E.C. MEDA – Water programme**
 - 2. MED component of the EU water initiative**
- 8. Liaison with international initiatives**
to harmonise information exchange





Role of MEDA Facilitators

- **Dissemination of information on the ‘Call for Proposals’ and on national policies and programming.**
- **Promotion of public, private and civil society awareness and capacity building in the framework of funded projects and in co-ordination with implementing partners.**
- **Provide the interface for the assimilation of the results and impact of the Euro-Mediterranean Regional Water Programme within future national and regional dialogue on water sector planning.**



MEDA-Water – EMWIS role

- **Dissemination of project findings**
 - E-flash in Arabic, English and French (about 6000 subscribers)
 - Presentation of projects on EMWIS website
 - Presentation during EMWIS conferences
 - Information to EMWIS NFP
 - Publication of results in electronic format
- **Support for projects**
 - Identification of contact persons: projects, Water Directors, Water Facilitators, etc.
 - Web hosting on request
 - Electronic discussion forum, mailing lists: Exchange of information and know-how from projects
 - Identification of national priorities
 - Access to existing information resources (e.g. water legislation)



EMWIS planned events

- **3 conferences**
 - Open for MEDA-Water projects presentations
- **Conference of the Water Director Generals**
 - 1st semester 2005
- **Yearly Coordination Committee seminars**
 - 6-7 July in Rabat
- **Yearly Steering Committee meetings**
- **Yearly training seminars for National Focal Points**
- **National promotion events organised by the NFP**
 - Autumn 2004 in Cyprus



Proposed additional features

- **Publication of projects presentations (PPT) made during the MEDA-Water concertation meeting**
- **Catalog of projects deliverables**
- **Country based access to projects and partners**
- **E-forum for networking activities between projects**
- **FAQ on administrative and financial issues**

 **Active participation of projects is required**



MEDA-Water Facilitators

	NFP	Water Director	Water facilitator <i>September 2002</i>
AT	Dr. Tausch Austrian embassy in Spain Ministry for Agriculture, Forestry, Environment and Water Management	Mr. Wolfgang STALZER Ministry for Agriculture, Forestry, Environment and Water Management	Dr. Tausch Austrian embassy in Spain Ministry for Agriculture, Forestry, Environment and Water Management
CY	Dr Chrysostomos KAMBANELLAS Water Development Department Ministry for Agriculture	Mr. Chr. ARTEMIS Water Development Department Ministry for Agriculture	Dr Chrysostomos KAMBANELLAS Water Development Department Ministry for Agriculture
DZ	M. KHERRAZ – Agence de bassin Constantinois- Seybousse-Mellegue	M. Abderahmane SAIDI Directeur des Études et des Aménagements Hydrauliques Ministère des Ressources en Eau	
ES	Ms. L. MARTINEZ – CEDEX	Mr. Juan José López MARTOS Director General Ministerio de Medio Ambiente	
EG	Dr. M. R. MAHMOUD – Main Information Center - Ministry of Water Resources and Irrigation	<i>Mr. Abdel Rahman SHALABY - Senior Undersecretary Ministry of Water Resources and Irrigation</i>	Dr. Shaden Abdel GAWAD National Water Research Center - Ministry of Water Resources and Irrigation

MEDA-Water Facilitators 2



	NFP	Water Director	Water facilitator
FR	Ms. C. JEURY OIEau	M. Pascal BERTEAUD Directeur de l'Eau Ministère de L'Écologie et du Développement Durable	Philippe GUETTIER Direction de l'Eau Ministère de l'Écologie et développement Durable
GR	Ms. LAZAROU Ministry of Environment	Mr. John D. VOURNAS Ministry of Environment	
IL	Dr. Gavriel WEINBERGER Director Hydrological Service of Israel	Mr. Shimon TAL Water Commissioner Ministry of National Infrastructures	
JO	HE Minister A. El Naser Assisted by Ms. Suzan TAHA National Water Master Plan Ministry of Water and Irrigation	Mr. Sa'Ad AL BAKRI Secretary General Ministry of Water and Irrigation	Director of the Programme Management Unit (PMU) – Ministry of Water and Irrigation
LB	M. Assam HACHEM Direction de l'Exploitation Ministère de l'Eau et de l'Energie	M. Assam HACHEM Direction de l'Exploitation Ministère de l'Eau et de l'Energie	M. Assam HACHEM Direction de l'Exploitation Ministère de l'Eau et de l'Energie
MA	MR MERCAOUI Division Organisation et Méthodes Direction Générale de l'Hydraulique Ministère de l'Aménagement du Territoire, de l'Eau et de l'environnement	M. Abdelaziz ZEROUALI Directeur des affaires générales et techniques Direction Générale de l'Hydraulique Ministère de l'aménagement du Territoire, de l'Eau et de l'environnement	M. Ahmed BELKHEIRI Division Programmes et Financement - Direction Générale de l'Hydraulique - Ministère de l'équipement



MEDA-Water Facilitators 3

	NFP	Water Director	Water facilitator
MT	Mr. G. CASSAR Malta Resources Authority	Dr John MANGION Malta Resources Authority	
PS	Mr. Dr. Youssef AWAYES Palestinian Water Authority	Mr. Fadel KAWASH Deputy Chairman Palestinian Water Authority	
PT	Dr. Orlando BORGES Directeur Institut National de l'Eau - INAG Ministère de l'Environnement	Dr. Orlando BORGES Directeur Institut National de l'Eau - INAG Ministère de l'Environnement	
SY	M. Al MASRI Director of International water Ministry of Irrigation	M. Al MASRI Director of International water Ministry of Irrigation	
TN	Ms Sondés KAMOUN Directrice BIRH Ministère de l'Agriculture	M. Djemili EL BATTI Directeur Général des Ressources en Eau Ministère de l'Agriculture	M. GHEDIRA Abdellatif Bureau de la Planification et des Equilibres Hydrauliques Ministère de l'Agriculture
TR	Ms. Fatma ADIGÜZEL General Directorate of State Hydraulic	Mr. Mümtaz TURFAN General Director General Directorate of State Hydraulic Works (D.S.I)	



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MEDA (Financial and technical measures to accompany the reform of economic and social structures in the framework of the Euro-Mediterranean partnership)

The **Euro-Mediterranean Regional Water Programme for Local Water Management** MEDA-WATER aims at the enhancement of regional co-operation in the areas of sustainable and integrated management of water resources. The relevant type of interventions are stipulated in the **Ministerial Declaration and Action Plan of the 1999 in Turin** Euro-Mediterranean Ministerial Meeting on Local Water Management. The priority issues identified therein include six identified areas of action and four horizontal themes as follows:

Areas of Action

- I. Integrated management of local drinking water supply, sanitation and sewage;
- II. Local water resources and water demand management (quantity and quality) within catchment areas and islands;
- 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 for the period until 2025 that enable precise objectives to be set and actions to be taken for sustainable water management.

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 and promotion of commitment of the population.



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

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