

SEMIDE
EMWIS

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

Technical Overview
Nicosia, 29 Oct'04



**النظام الأورو- متوسطي
للإعلام حول المعرفة في
ميدان المياه**

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



EMWIS Characteristics

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



EMWIS Objectives

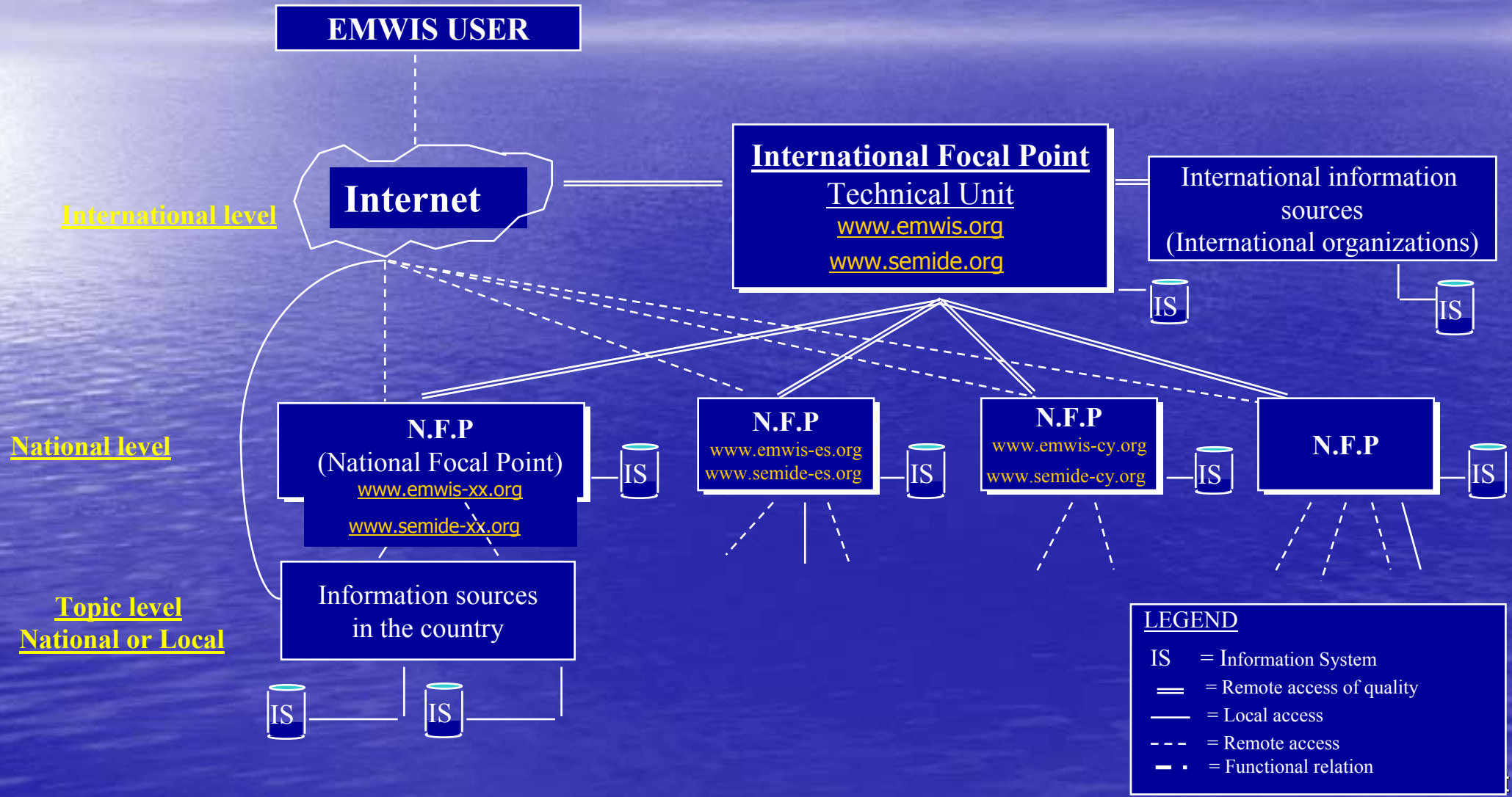
To create a tool for cooperation between the European and Mediterranean countries whose aim is to:

- 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

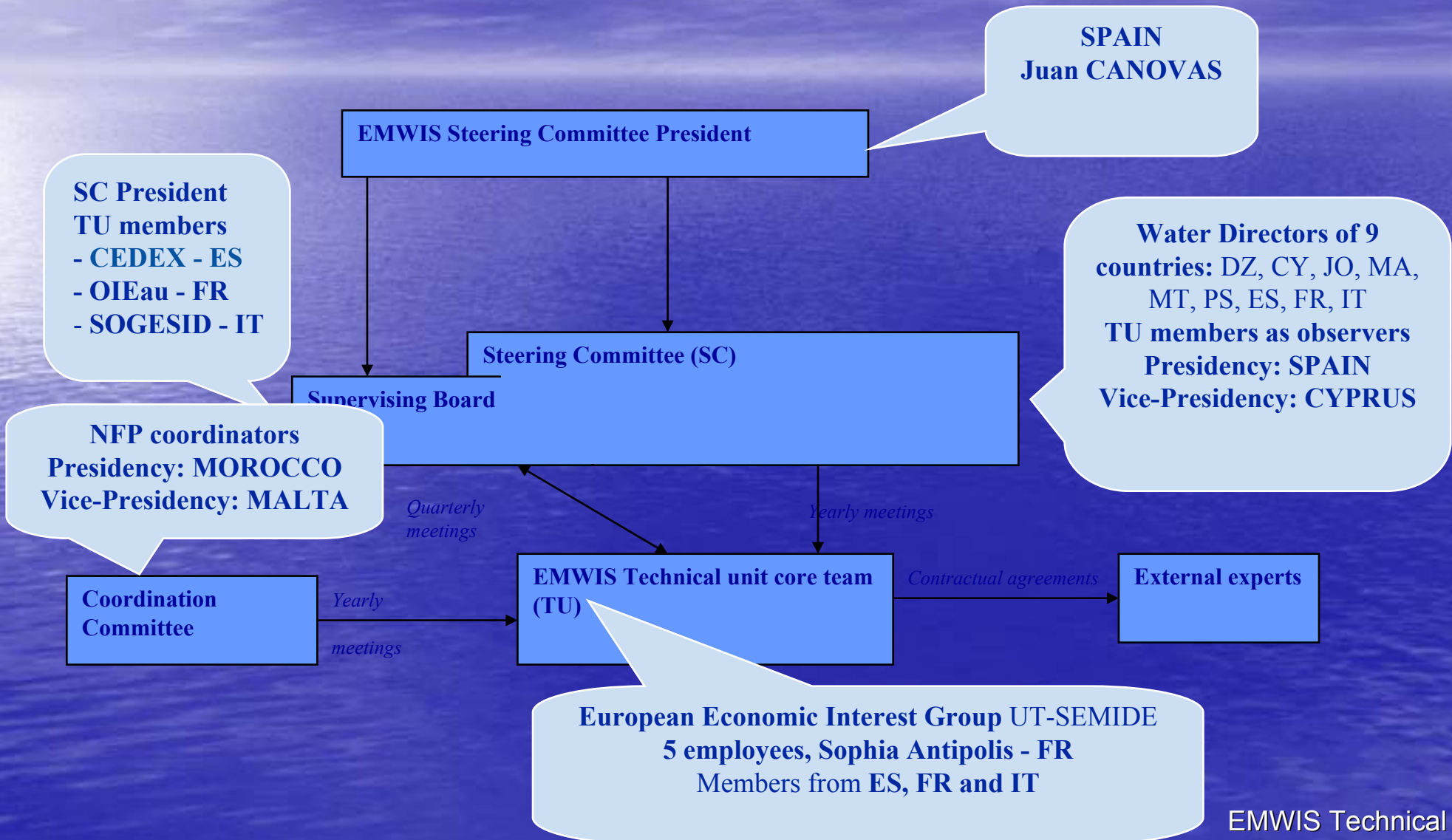


Technical Architecture





Organisational structure



National Focal Points (NFP)

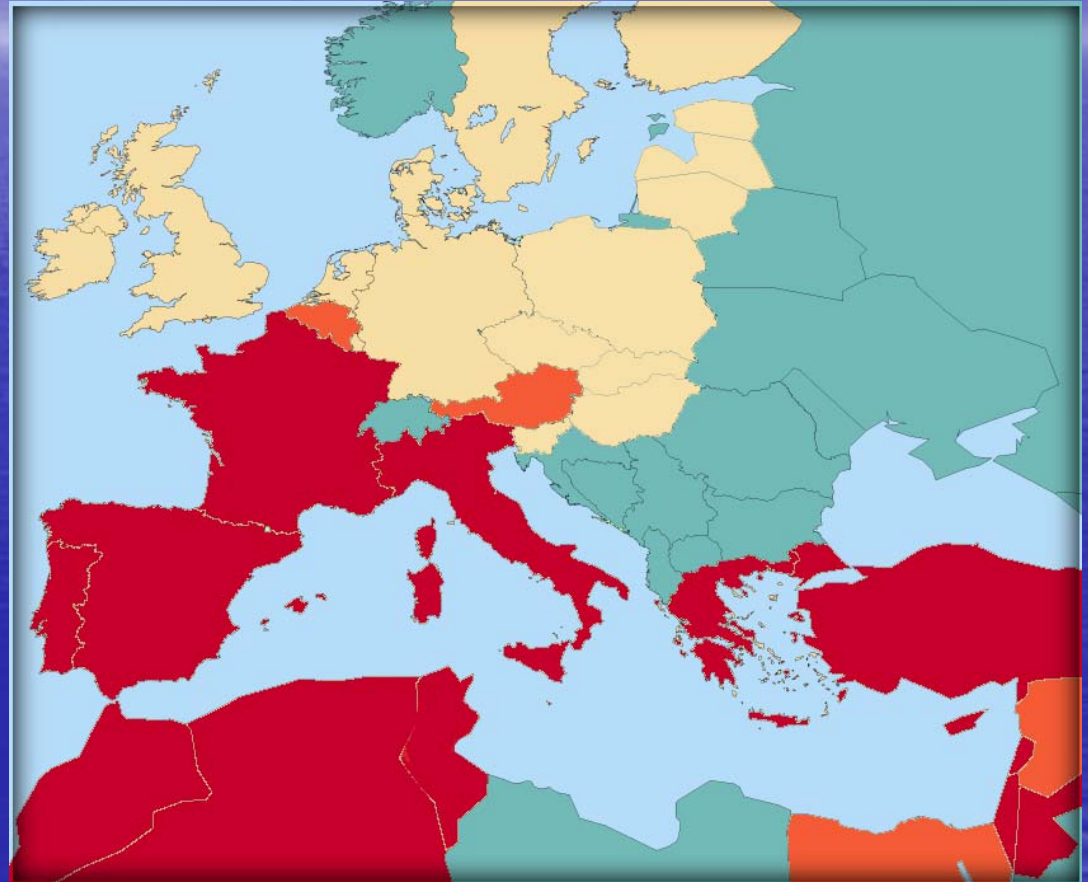


➤ 35 partner countries

➤ 20 NFP nominated

➤ 15 national web sites

Algeria, France, Cyprus,
Italy, Greece, Jordan,
Lebanon, Malta, Morocco,
Palestine, Israel, Portugal,
Spain, Tunisia and Turkey





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
- A node of the Euro-Med system

EMWIS NFP organisations



AT	Ministry for Agriculture, Forestry, Environment and Water Management	JO	Ministry of Water and Irrigation
BE	Aminal - Afdeling Europa en Milieu	LB	Ministère de l'Eau et de l'Energie
CY	Water Development Department - Ministry for Agriculture	LU	Ministère de l'Environnement
DZ	Agence de bassin Constantinois-Seybousse-Mellegue	MA	Ministère de l'Aménagement du Territoire, de l'Eau et de l'environnement
ES	Centro de Estudios y Experimentacion de Obras Publicas (CEDEX)	MT	Malta Resources Authority
EG	Ministry of Water Resources and Irrigation	PS	Palestinian Water Authority
FR	Service National d'Information et de Documentation sur l'Eau (SNIDE)	PT	Instituto de Agua (INAG)
GR	Ministry of Environment	SY	Ministry of Irrigation
IL	Hydrological Service of Israel	TN	Ministère de l'Agriculture
IT	SOGESID	TR	General Directorate of State Hydraulic



The 5 priority topics in the Water sector

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



Services offered today

- 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
 - Monthly electronic news-flash



EMWIS Thematic Directory

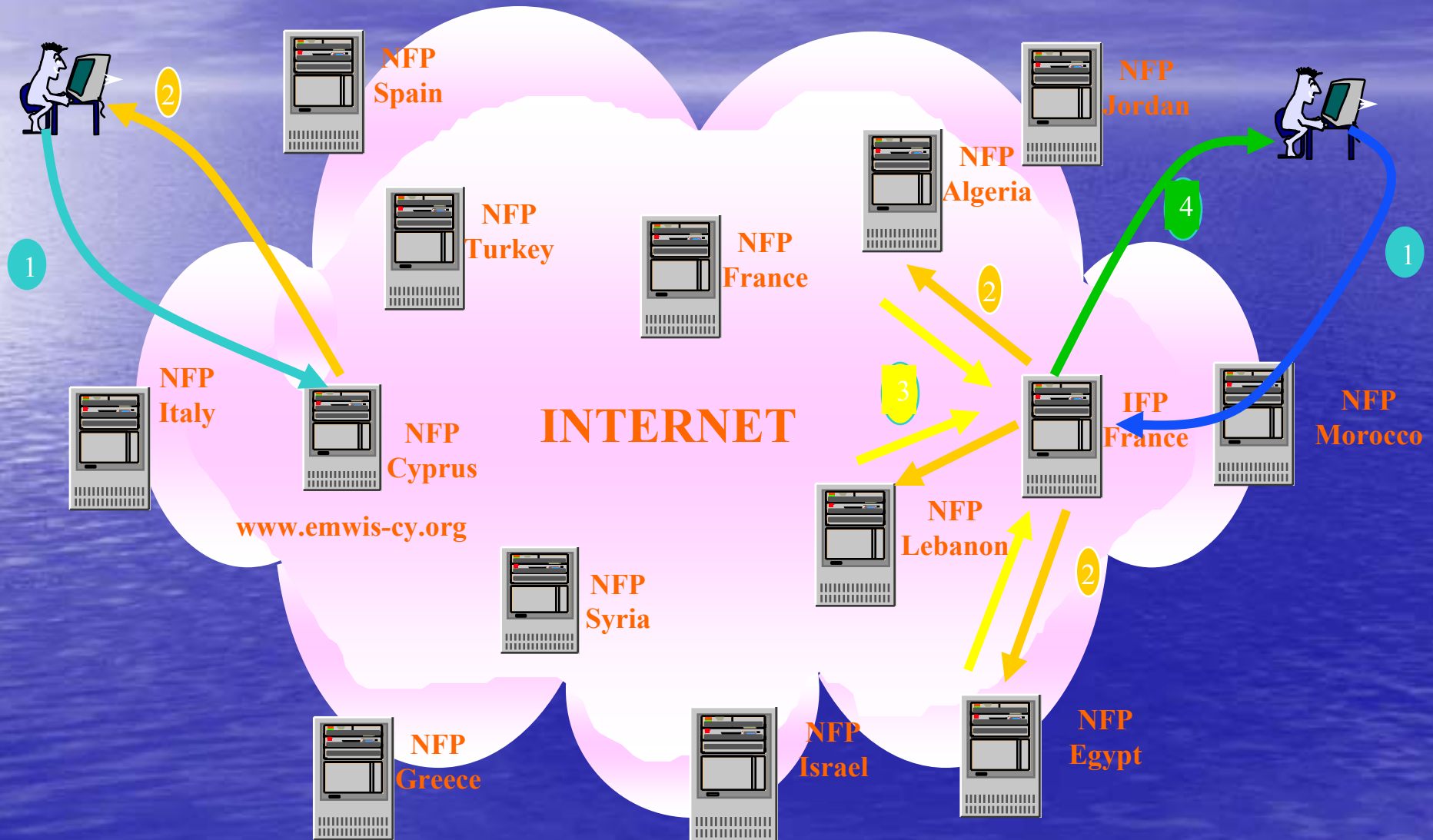
Who does what in the water sector in the Euro-Med countries

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 + FR	EN + FR + AR
Content language	National	EN or FR or AR
Search level on the content	National	All servers (max. 36)

Main activities (2003-2006)



1. Maintaining a strong institutional co-ordination
2. Reinforcing the National Focal Points
 - Support, training and 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. Improving the flexibility of the technical architecture (XML based)
5. Operating information existing services
6. Fostering the promotion of the system
7. 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
- 8. Information clearing house for International actions:**
 - E.C. MEDA – Water programme
 - MED component of the EU water initiative
- 9. Liaison with international initiatives**
 - to harmonise 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

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