



# SEMIDE

<http://www.semide.org>

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



النظام الأورو- متوسطي للإعلام  
حول المعرفة في ميدان المياه

**EMWIS**  
**Work programme**

# EMWIS

<http://www.emwis.org>

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



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EURO-MEDITERRANEAN PARTNERSHIP



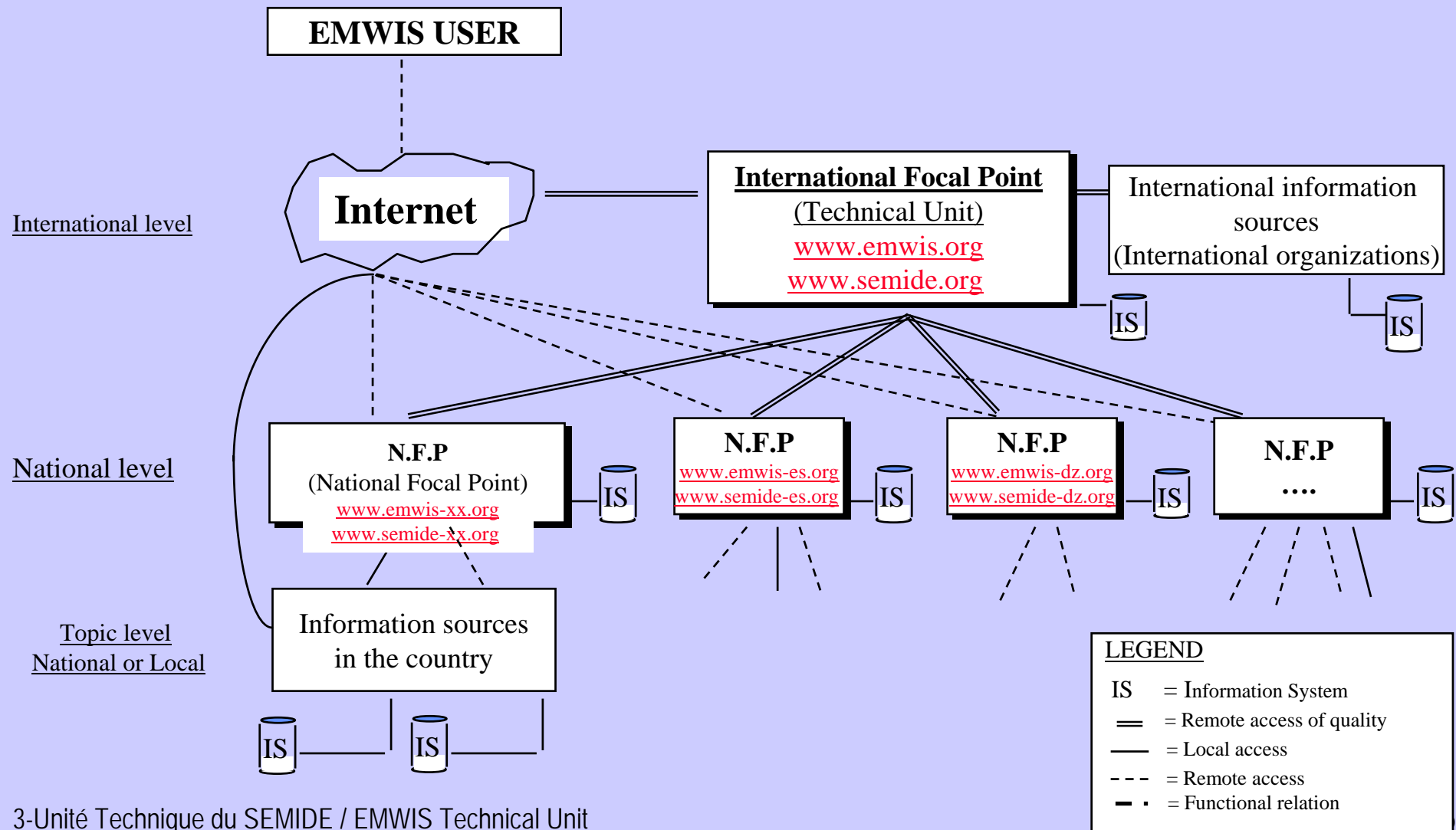


# OBJECTIVES OF EMWIS

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 National Focal Points

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 (Main Information Center)	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 – BIRH - Direction Générale des Ressources en Eau
IT	SOGESID	TR	General Directorate of State Hydraulic



# Current activities

- **Capacity building for NFP**
- **Regional and national water information portals**
- **Analysis of National Water Information Systems**
- **Definition of common metadata**
- **Setting up a new technical platform based on the open source content management system used by the European Environment Agency**
- **Multilingual water thesaurus and glossary**
- **Thematic studies:**
  - **EU Water Framework Directive**
  - **Use of non-conventional water resources**
  - **Irrigation water management**
  - **Local water services**
- **Information clearing house on EU regional water initiatives**
  1. **E.C. MEDA – Water programme**
  2. **MED component of the EU water initiative (incl. support for the Ground water & water scarcity working groups)**
- **Collaboration with international initiatives in the field of water information**

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in the Water sector**

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[Home](#) » [Partners](#) » [INBO - MENBO](#)

Search

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## INBO - MENBO

**[The International Network of Basin Organisations](#) and the [Mediterranean Network of Basin Organisations](#)**

This agreement was signed in May 2002 in Quebec and was renewed in 2005 in Marrakech (Morocco) up until 2008. The partnership notably works towards the exchange of knowledge on water management at river basin level, and in particular the application of the European Union Water Framework Directive (WFD).

The International Network of Basin Organisations, which is part of the Global Water Partnership, has the following objectives :

- to develop permanent relations with those organisations interested in global river basin management, and to facilitate the exchange of experience and expertise among them
- to promote principles and methods of sound water management in cooperation programmes, with the aim of reaching sustainable development
- to facilitate the implementation of tools for: institutional and financial management, programming, the organisation of data banks, and of models adapted to their needs
- to promote information and training programmes for local elected officials, user representatives and the various actors involved in water management, as well as for the executives and staff of the member basin organisations
- to encourage education of the population, the young in particular
- to evaluate ongoing actions and disseminate their results.

[INBO agreement \(English\), 2005-05-23](#)[Accord RIOB \(français\), 2005-05-23](#)

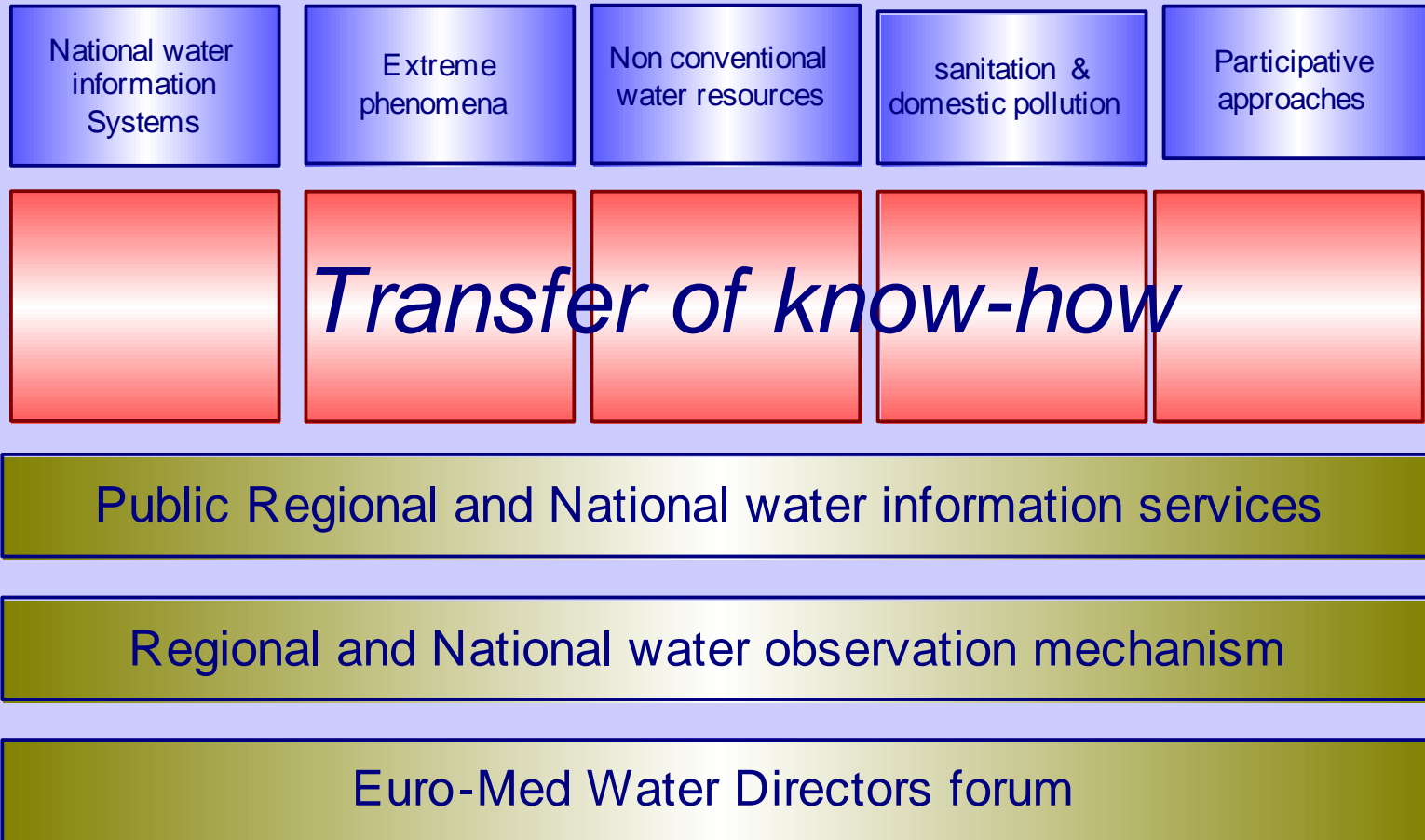


# **Value of Water Framework Directive for Med Partner Countries**

<b>Rank</b>	<b>Topic within WFD</b>
<b>1</b>	<b>Monitoring programmes</b>
<b>2</b>	<b>Characterisation of basins</b>
<b>3</b>	<b>Programme of measures</b>
<b>4</b>	<b>Environmental objectives and Water Ecological Status</b>
<b>5</b>	<b>River Basin Management Plan</b>
<b>6</b>	<b>Economic analysis and water prices</b>
<b>7</b>	<b>Public participation</b>



# Action Plan 2007-2010





# Working groups objectives

## ➤ Objectives:

- To get knowledge on other countries experiences
- To prepare pilot experiences based on the lessons learnt from other countries

## ➤ Preparatory work already carried out:

- *Existing experiences that may lead to exchange of know-how with other countries*
- *Countries priorities for which exchange of know-how could be valuable*



# Participative approaches in Integrated Water Resources Management

- *Potential leader country:*
  - **Algeria**
- *Potential member countries:*
  - **Algeria, Cyprus, Egypt, France, Italy, Jordan, Malta, Morocco, Spain, Tunisia, Turkey**
- *Potential topics:*
  - Concertation mechanism, Participative approach in managing agricultural water, involvement of the private sector, NGO and local authorities, participative approaches for waste water reuse



# Risk prevention and management of extreme phenomena: Water scarcity and Floods

- *Potential leader country:*
  - Morocco (Water scarcity) – Tunisia (Floods)
- *Potential member countries:*
  - Algeria, Egypt, France, Italy, Jordan, Morocco, Spain, Tunisia, Turkey
- *Potential topics:*
  - Floods: prevention, alert systems and management
  - Drought: prevention, Early warning & proactive measures to alleviate effects of droughts, water savings, awareness campaigns



# Non conventional water resources

## Desalination and Waste water re-use

- *Potential leader country:*
  - **Spain (Desalination) – Jordan (Waste water reuse)**
- *Potential member countries:*
  - **Algeria, Egypt, France, Italy, Jordan, Morocco, Palestine, Spain, Tunisia**
- *Potential topics:*
  - **Environmental impact, Management of waste water reuse (applications, quality standards), low cost desalination technologies, artificial rain**



# Local management of sanitation services and Prevention of domestic pollution

- *Potential leader country:*
  - **France**
- *Potential member countries:*
  - **Algeria, Cyprus, France, Italy, Jordan, Lebanon, Morocco, Palestine, Spain, Tunisia**
- *Potential topics:*
  - Access to sanitation, small communities, legislation, location of sewage stations, governance of services, pollution prevention, delegation of service, monitoring/benchmarking of service delivery



# Thank you

➤ **For additional information:**

**[www.semide.net](http://www.semide.net)**

**[www.emwis.net](http://www.emwis.net)**