



# SEMIDE

<http://www.semide.net>



# EMWIS

<http://www.emwis.net>

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

النظام الأورو- متوسطي للإعلام  
حول المعرفة في ميدان المياه

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

**EMWIS NFP coordination  
seminar**

**Eric Mino**

**EMWIS Technical Unit**

EURO-MEDITERRANEAN PARTNERSHIP





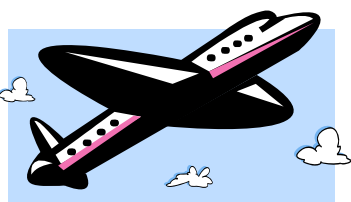
# Logistic / Logistique



Working languages:  
English and French



Participants list to be  
signed



Boarding pass + Flight  
tickets



Please no cellular phones



Dinner on Monday 10/09  
at 19:00 (Bosphorous  
restaurant)



Complementary per diem  
for Med Partner Countries



Tuesday around 17:00:  
boat tour on Bosphorous



Original administrative  
documents for Technical  
Unit

# Targets and objectives of the seminar



- **Review of EMWIS and its NFP activity progress, including:**
  - working groups (drought/water scarcity, re-use of waste water, and water monitoring networks),
  - regional water observation mechanism.
  - national work-programme
- **Approach for the development of “harmonised” NWIS**
- **Approach to analyse users expectations**
- **Understanding the European Neighbourhood Policy Instrument (ENPI) and analysing the potential benefits for the water sector in each country**
- **Preparing the future:**
  - **Conferences of the Euromed water directors in December 2007**
  - **Ministerial conference, end of 2008,**
  - **Potential actions for the next 10 years**

# Second phase: enhancing and consolidating the achievements



(Dec. 2003 - Nov. 2007)

1. Maintaining a strong co-ordination with political structures
2. Reinforcing the NFPs -> implementing work plans
3. Expansion and development of services
4. Review of the technical architecture (XML based)
5. Operating information existing services
6. Fostering the promotion of the system
7. Development of topical activities -> working groups
8. Information clearing house for International actions:
  1. E.C. MEDA – Water programme
  2. MED component of the EU water initiative
9. Liaison with international initiatives
  1. Agreements
  2. Med water observation mechanism



# 1. Co-ordination activities

## Overview and status

- **Annual Steering Committee meetings**
  - May 2004, Malta
  - June 2005, Athens side by side with Med-EUWI meeting and MCSD of UNEP-MAP
  - May 2006, Nice
  - November 2006, Athens
  - July 2007, Madrid
- **Annual Coordination Committee meetings**
  - July 2004, Rabat
  - Sept 2005, Amman
  - June 2006, Algiers
  - September 2007, Istanbul
- **Liaison with the partner countries, the European Commission, the main international initiatives**
- **Technical Unit co-ordination and reporting**
- **Conference of the 35 Euromed Water Director Generals**
  - 24-25 November 2005, Rome
  - 6-7 November 2006, Athens
  - 10-11 December 2007, Alexandria



# 2. Reinforcing NFPs

## Local services requested

Items	DZ	CY	EG	IL	JO	LB	MT	MA	PS	SY	TN	TR
Equipment	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖		⊖	⊖
Work programme defined	⊖	⊖		⊖	⊖	⊖	⊖	⊖	⊖		⊖	⊖
National EMWIS leaflet	⊖	⊖			⊖				⊖			
Organisation of promotional meeting	⊖	⊖			⊖	⊖		⊖	⊖			⊖
Internet access	⊖				⊖				x			
Web hosting	x											
Training		x			⊖	x			⊖		⊖	
Technical assistance: web development		x					x				⊖	
Technical assistance: content development				⊖	⊖				⊖			
Survey of user needs / satisfaction	x	x			⊖		x					
Content translation		x		⊖		⊖	x		⊖		⊖	
NWIS complementary study												
Water Med Obs. National diagnostic study*		⊖					⊖					

⊖: Implemented - : Partly implemented - x : Requested but not yet implemented - Blue: new activities



## 2. Reinforcing NFPs

# New developments on NFP websites

- **Preparation of a national web site**
  - **Egypt**
- **Redesign of national websites:**
  - **Launched: Morocco, Turkey, Italy, Spain (2004), Jordan**
  - **Under development: Palestine**
- **New sections**
  - **Tunisia: launch of the English and Arabic versions**
  - **Lebanon: Launch of the Arabic version**
  - **Algeria, Cyprus, Malta and France**
- **New contents on its way to be published**
  - **Lebanon: water legislation**
  - **Israel: water context and legislation**



# 3. Expansion and development of services

## Overview & Status

- **Multilingual water thesaurus (Arabic, English, French, Spanish)**
- **Mediterranean water projects database**
- **Metadata sharing (syndication / harvesting)**
  - **All types with Jordan: use of the EMWIS Portal tool kit**
  - **Legislation to be implemented with Lebanon**
  - **News and events tested with Algeria, France and Spain**
  - **Documentation (using OAI) with Spain and Tunisia**



# 4. Review of the technical architecture

## Overview & status

- **Improving flexibility:**
  - Publication of same content on several web sites
  - Better integration of heterogeneous resources
  - Better decentralised management of content
  - Common structures for content using XML
- **Main components agreed with NFP:**
  - Common meta-data
  - Multilingual Water Thesaurus
  - Overall technical architecture
- **New technological platform for the TU**
  - Web Content Management System developed for the European Environment Agency (EEA) also used by the SMAP-RMSU
  - Open Source software, all source codes available online at the EEA website
  - The solution includes a web portal builder for NFP or other organisations, implemented by Jordan
  - The portal is multilingual: Arabic, English and French. But open to other languages
- **Support and Portal toolkit improvement**
  - Small functional improvements by November 2007
  - Including a geo-Atlas tool
  - Performance tuning for TU server
  - Help desk



# 5. Animation and operation of information services

## Overview & Status

- **Operation of current services**
  - On going
- **Re-design of services**
  - See new web portal
- **Up-dating and extending of the thematic directory**
  - Updating and consultation application improved
- **New thematic forums**
  - Water glossaries, satellite images, etc.
- **Monthly eNews Flash in Arabic (340), English (8500) and French (3400)**
  - On going

**SEMIDE EMWIS** النظام المعلوماتي الأوروبي المتوسطي للمعرفة في مجال المياه 

النشرة الثامنة والعشرون، أكتوبر 2005

أعدت هذه النشرة من طرف الوحدة التقنية لسميد بدعم من [OIEAU](#) و [CEDEX](#)، [SOGESID](#)، [المفوضية الأوروبية](#)

تعذر الرؤية؟ [اضغط هنا](#)

في هذا العدد 28

**الإفتتاحية:**

1- المؤتمر الأوروبي المتوسطي لمديري المياه

**مختصرات:**

2- المعلومات حول المياه في لبنان  
 3- المفوضية الأوروبية تمنح 71 مليون يورو إلى 89 مشروع ابتكار في 17 دولة  
 4- المفوضية الأوروبية تمويل مشروع لتتبع و ترصد الموارد المائية  
 5- فرنسا: نحو انسجام و فاعلية الأنشطة الدولية  
 6- الجزائر: برنامج لإنجاز وحدات لتحلية المياه  
 7- المغرب: تغطية تزويد الدار البيضاء بالمياه الصالحة للشرب قبل حلول 2009  
 8- هولندا: قطاع المياه يرحب بمشاريع تمويل جديدة

# 6. Fostering the promotion of the system



## Overview & Status (2/2)

- **National promotion seminar held**
  - Cyprus, October 2004
  - Rabat, April 2005
  - Beirut, November 2005
  - Ankara, December 2005
  - Algeria, June 2006
  - Egypt, February 2007
  - Cyprus, May 2007
  - Jordan, May 2007
  - Palestine, May 2007
- **National promotion seminar planned**
  - Tunisia, November 2007 – to be confirmed
- **National promotion must be reinforced:**
  - Email announcement
  - Disseminating brochures
  - Presentation or reference to EMWIS during national events

# 7. Development of topical activities



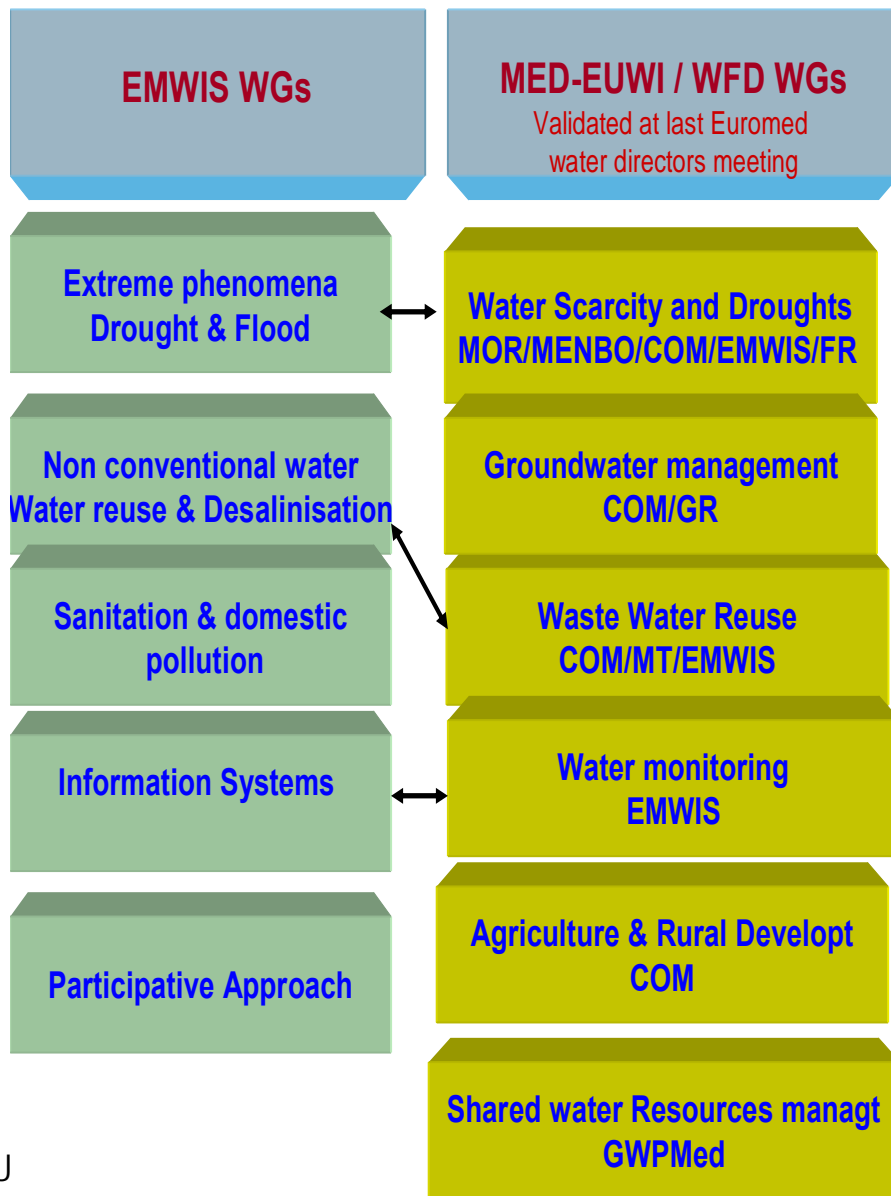
## Status

- **4 studies carried out (2004-2006)**
  - **EU Water Framework Directive**
  - **Use of non-conventional water resources**
  - **Irrigation water management**
  - **Integrated water management at local level**
  
- **Some working groups activities initiated with the Med Joint Process Water Framework Directive and EUWI:**
  - **Drought and water scarcity**
  - **Waste water Reuse**
  - **Water Monitoring**



# Working groups

## EMWIS vs Joint Process



- Facilitating the integration of the WFD principles in partner countries' water related policies.
- Recommendations for preparing national and local activities for the implementation of sound water policies.



# Working groups

## Country official membership

Working groups	FR	GR	IT	SP	DZ	CY	EG	IL	JO	LB	MT	MA	PS	SY	TN	TR
<u>Water scarcity and drought</u>	x		x			x	x			x		x			x	
<u>Waste water reuse</u>	x		x	x			x	x	?		x		?		?	
<u>Water monitoring networks</u>		x													x	

=> EMWIS Steering Committee members have been asked to nominate experts in relevant working groups

# 8. Information clearing house for EU Water activities Status



## ➤ EMWIS new web sections on initiatives

- EU: MEDA-Water, Med-EUWI, INCO-MED, LIFE, MEDSTAT, SMAP, H2020

## ➤ Projects presented:

- EMWIS National seminars
- Coordination Committee seminars
- EMWIS portal, e-Flash

## ➤ International water projects database:

- Starting with water projects funded by the EU in MPC

# 9. Liaison with international initiatives



## Overview & Status (1/2)

- **Co-ordination of activities and agreement signed**
  - **Mediterranean Water Institute: agreement to be extended for the MEDA-Water RMSU**
  - **Med-EUWI**
    - Use of EMWIS website
    - working groups of the Joint Process using EMWIS as a facilitating platform
  - **International Network of Basin Organisations (Med network)**
  - **SMAP-RMS (APAT, IT)**
    - Agreement signed for the provision of information the water section of the **SMAP clearing house**
  - **Word Water Council: cooperation on the Water Monitoring Alliance (under signature)**
- **Agreement under preparation :**
  - **European Environment Agency: preparation of a MoU**
  - **BALWOIS: involvement of Balkan countries, preparation of a MoU**
  - **Blue Plan: preparation of a MoU**
  - **Global Water Partnership Med (EMWIS Technical Unit membership)**
  - **FAO, IPTRID**
    - Discussion on the future EMWIS technical architecture
  - **OSS – Sahara and Sahel Observatory**
  - **EXACT – water WG of the Middle-East Peace process**
- **Med Water observation mechanism study**
  - **MAP-RAC, Medpol, Eurostat/MEDSTAT environment, EEA, WHO/UNICEF JMP, Unesco-WWAP, etc.**



# ***Comments and Questions***

