

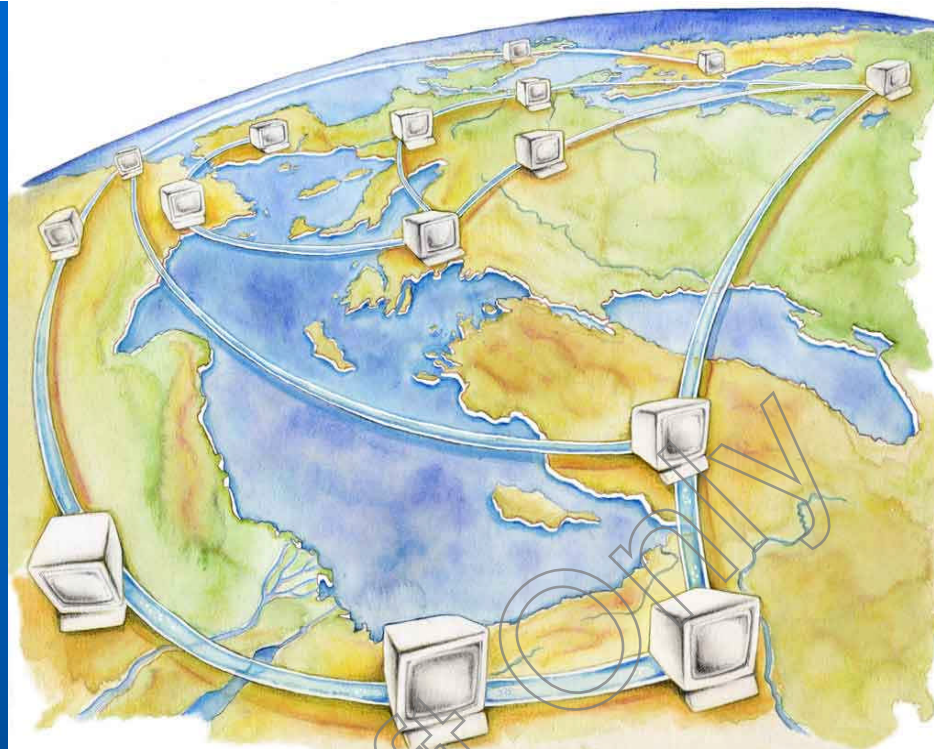
SEMIDE
EMWIS



SEMIDE

www.semide.net

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



EMWIS

www.emwis.net

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

**النظام المعلوماتي الأورو متوسطي
للمعرفة في مجال المياه**

**JP working groups
Status, results, future plans**

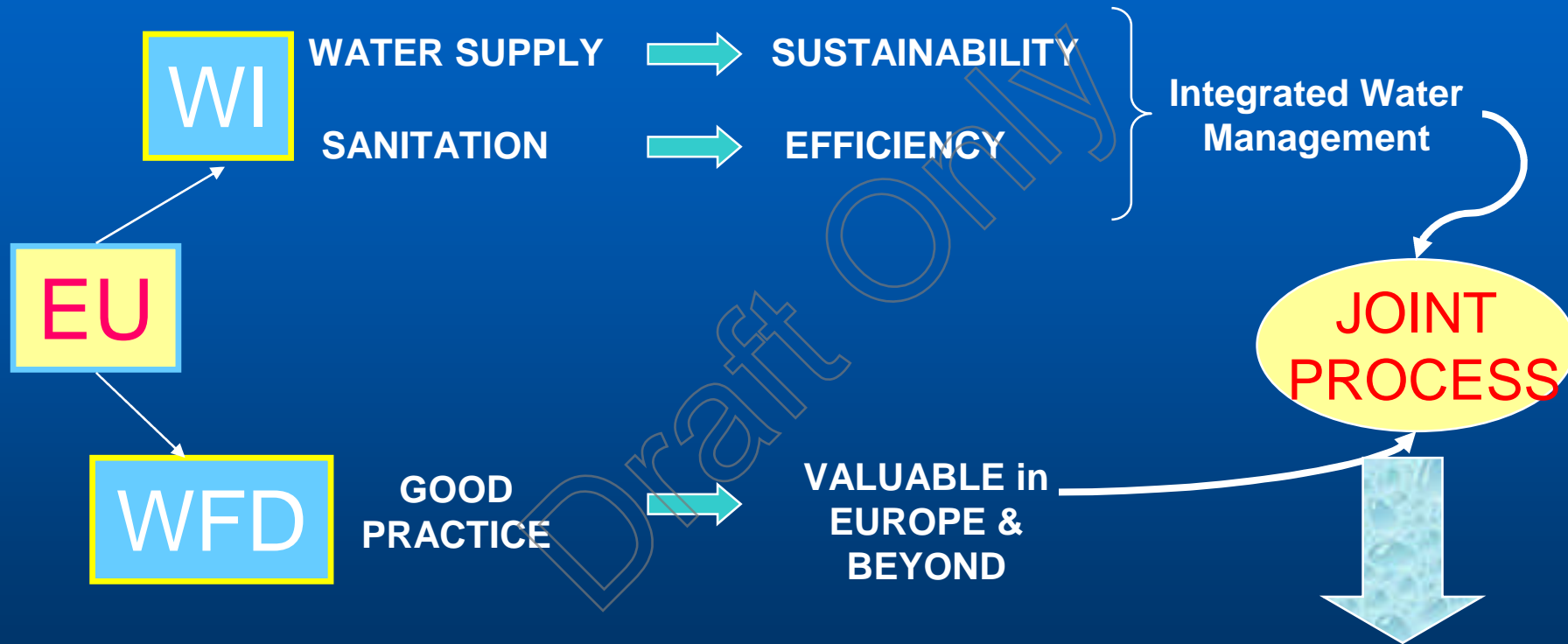
Jauad El Kharraz, Florence – 02/12/2010

EURO-MEDITERRANEAN PARTNERSHIP





WHY a WFD/EUWI JOINT PROCESS?



**FACILITATE SOUND WATER RESOURCES
MANAGEMENT POLICIES IN THE MED,
BASED ON WFD PRINCIPLES**



FACILITATE SOUND WATER RESOURCES MANAGEMENT POLICIES IN THE MED, BASED ON WFD PRINCIPLES

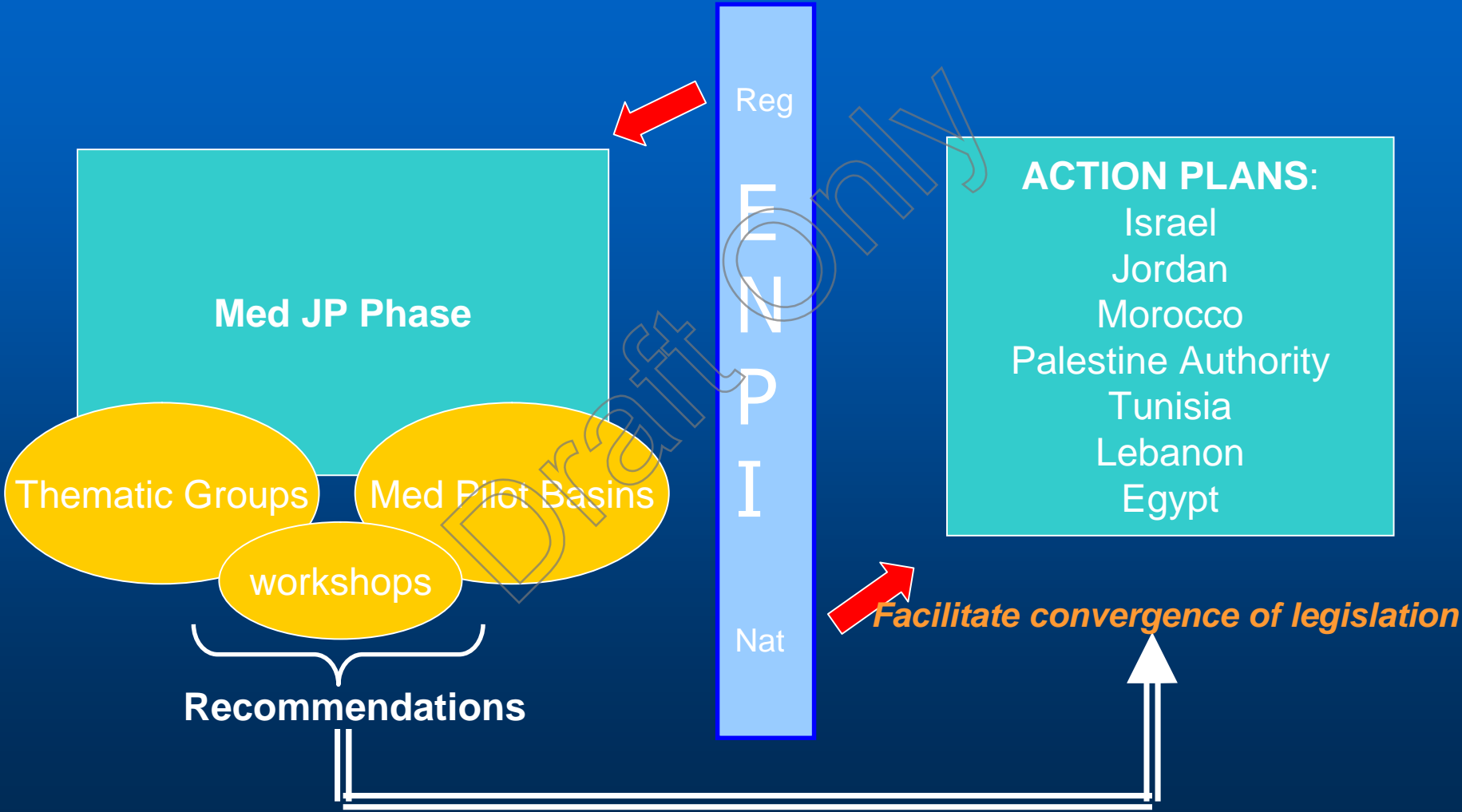
■ **ENVIRONMENT / COOPERATION**

- Sustainable Water services and uses
- Ensure high level of protection of water resources
- share common methods, practices

↳ Consistent & coherent, common, similar but NOT identical standards / legislative frameworks and methodologies

REGIONAL ACTIVITIES

NATIONAL ACTIVITIES



Med JP Phase

Thematic Groups

Med Pilot Basins

workshops

Recommendations

Reg

E

N

P

I

Nat

ACTION PLANS:

Israel

Jordan

Morocco

Palestine Authority

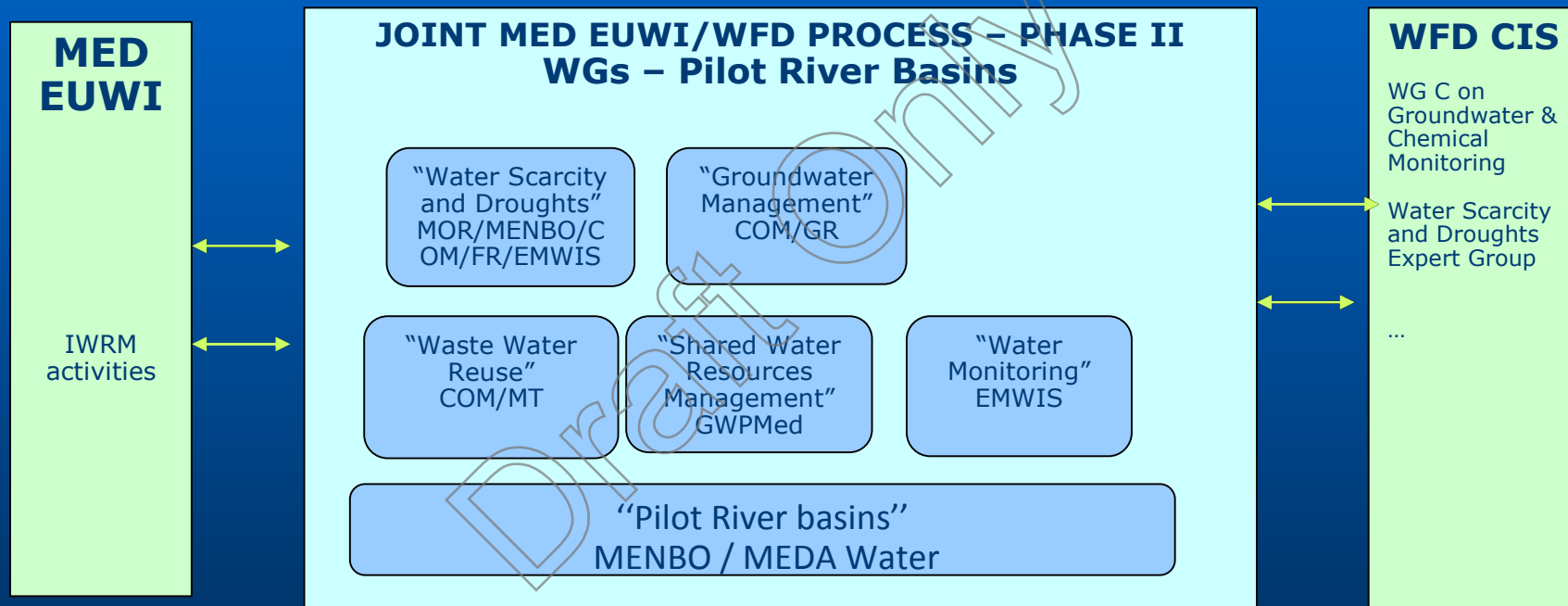
Tunisia

Lebanon

Egypt

Facilitate convergence of legislation

MEDITERRANEAN EUWI / WFD JOINT PROCESS 2004-2009



See Med JP achievements (2004-2009) at
<http://www.semide.net/initiatives/medeuwi/JP>



Joint Process WGs objectives

- **Facilitating the integration of the WFD principles in partner countries' water related policies.**
- **Producing recommendations for preparing national and local activities for the implementation of sound water policies.**
- **Joint Process Phase 1 (2004-2006)**
WS&D WG set up in Sept'2004 in Brindisi
Draft report (2006)
- **Joint Process phase 2 (2007-2009)**
WS&D → Final Report (June'2008), Synthesis note on key data (End of 2010)
Waste water reuse → Final report (Nov'2007)
WM → Synthesis of the survey (2009), Report (End of 2010)
- **Joint Process new phase?**
Under discussion



- **ARD: Agricultural and rural management**
- **GWM: groundwater management**
- **SWRM: shared water resources management**
- **WM: water monitoring**
- **WSD: water scarcity and drought**
- **WWR: wastewater reuse**

| | ARD | GWM | SWRM | WM | WSD | WWR |
|--------------------|-----|-----|------|----|-----|-----|
| Algeria | | | | | | |
| Argentina | | | | | | |
| Australia | | | | | | |
| Austria | | | | | | |
| Bahrain | | | | | | |
| Bangladesh | | | | | | |
| Belgium | | | | | | |
| Brazil | | | | | | |
| Bulgaria | | | | | | |
| Canada | | | | | | |
| Chile | | | | | | |
| China | | | | | | |
| Colombia | | | | | | |
| Costa Rica | | | | | | |
| Czechia | | | | | | |
| Denmark | | | | | | |
| Dominican Republic | | | | | | |
| Egypt | | | | | | |
| Ecuador | | | | | | |
| El Salvador | | | | | | |
| France | | | | | | |
| Germany | | | | | | |
| Ghana | | | | | | |
| Greece | | | | | | |
| Guatemala | | | | | | |
| Hong Kong | | | | | | |
| Hungary | | | | | | |
| India | | | | | | |
| Indonesia | | | | | | |
| Italy | | | | | | |
| Jamaica | | | | | | |
| Japan | | | | | | |
| Jordan | | | | | | |
| Kazakhstan | | | | | | |
| Kenya | | | | | | |
| Korea | | | | | | |
| Kuwait | | | | | | |
| Latvia | | | | | | |
| Lebanon | | | | | | |
| Libya | | | | | | |
| Lithuania | | | | | | |
| Luxembourg | | | | | | |
| Mexico | | | | | | |
| Moldova | | | | | | |
| Morocco | | | | | | |
| Netherlands | | | | | | |
| Nigeria | | | | | | |
| North Macedonia | | | | | | |
| Poland | | | | | | |
| Portugal | | | | | | |
| Romania | | | | | | |
| Russia | | | | | | |
| Saudi Arabia | | | | | | |
| Senegal | | | | | | |
| Slovakia | | | | | | |
| Slovenia | | | | | | |
| Spain | | | | | | |
| Sweden | | | | | | |
| Switzerland | | | | | | |
| Taiwan | | | | | | |
| Tanzania | | | | | | |
| Turkey | | | | | | |
| Ukraine | | | | | | |
| United Kingdom | | | | | | |
| USA | | | | | | |
| Vietnam | | | | | | |
| Yemen | | | | | | |
| Zimbabwe | | | | | | |



| ACTIVITIES | <u>WATER SCARCITY & DROUGHT</u> |
|--|---|
| Drafting of Recommendations / Reports | <ul style="list-style-type: none">□ Phase I final report: June'08□ A test data collection in 2 pilot river basins (Litani in Lebanon & Sebou in Morocco) using EEA reporting tool on water quantity.□ A survey on data availability (based on EEA approach for voluntary reporting on water quantity).□ A synthesis note on key data for WS&D in the Mediterranean was prepared. |
| Development of Electronic Forum / Improve Access on Information | <p>www.emwis.net/topics/WaterScarcity</p> |
| Meetings / Exchange of Knowledge | <p>Seville, 2007-06-19, during the Int. Drought Forum.</p> <p>Madrid, 2010-02-17 during the Int. WS&D Conference</p> <p>Sophia Antipolis, 2010-09-06/07</p> |

Water monitoring WG



- **New WG Med JP 2nd phase**
 - 1st meeting, Madrid: 2007-07-03
 - 2nd meeting, Beirut: 2009-10-06
 - 3rd meeting, Madrid, 2010-11-10

Mandate (revised)

- **Objectives:**
 - Exchanges of experiences
 - Identifying good practices for the improvement of monitoring networks
- **Focus on:**
 - Water quality monitoring
 - Groundwater monitoring
 - Monitoring of surface and coastal waters in case it is linked to groundwater management & monitoring



Key subjects proposed

1. ***Reviewing WFD objectives & requirements regarding monitoring & identifying main issues of relevance for MPC;***

1. ***Identifying useful experiences from EU-Member States on adjustment & improvement of monitoring systems (technical, organizational, financial aspects);***

2. ***Reach a better understanding of the current monitoring networks in MPC (incl. case studies / "good practice") and to identify the main priorities for improvement;***

1. ***Create the basis for additional related action in the region:***
Metadata catalogue of water monitoring information sources



Better understanding of the current monitoring networks in MPC

→ Survey process

- **Partnership with Aquapole (BE) for:**
 - Questionnaire design
 - Analysis of replies
- **Replies from all Med Partner Countries**
 - with NFP: MA, DZ, TN, EG, JO, IL, LB, SY, TR, PS
 - Self reply: CY
- **Synthesis and consolidated replies available on line**

<http://www.emwis.net/topics/watmon/meeting2010/documents>



WM WG Activities: Meetings

- **Exchange of experiences**
 - Countries presentations (examples from Jordan, Algeria & Lebanon, as well as EU countries: Austria & Spain)
 - Twinning project example

- **Finalising the state of play report**
 - Current situation
 - Recommendations

- **Preparing pilot projects**
 - To test the recommendations



Strategy for Water in the Mediterranean

- **Ensure good quality public water services**
 - fulfilling public health considerations
 - preventing further deterioration of water resources quality among other needs;
- **Reduce and prevent water pollution**
 - expand the scope of water protection
 - avoid overexploitation of water resources,
 - **Medium term goal: a good status for all waters based on a comprehensive monitoring system for water quality and quantity, as well as for ecosystems and biodiversity status.**
 - **Control the use of fertilisers and pesticides to appropriate and recommended standards.**

Conclusions (1/2)



- **Indicators of the main human activities acting as drivers of change need to be obtained to follow the evolution of the sector.**
- **Experts advice allows calculating transfer functions that can translate drivers into potential impacts.**
- **Case studies in SP, FR, MA & LB allow to identify a number of concrete recommendations made for the benefit of MPCs.**
- **It is highly recommended to run single pilot tests in each of the MPCs to provide further info. on the feasibility of national IWRM policies.**

Conclusions (2/2)



- Focus on indicators related to monitoring activities (amount of monitoring stations, amount of parameters analyzed..) rather on water status
- **The water directors should commit themselves in the provision of common indicators on periodic basis.**
- Pilot activities should be carried out in local areas such as governorates or districts covering a specific water body.
- **Use the DPSIR approach to undertake such experiments in various countries and then share the resulting experience with other countries through the WG activities and presentation to the Euromed water directors.**

Proposal for a new phase



- **Supporting the preparation of the SWM action plan**
- **Fostering pilot activities and testing on river basins**
- **Governance?**
 - **UfM Water Expert Group**
 - Extended mandate
 - Or
 - **Euromed water director forum**
 - To be relaunched



Thank you for your attention



National portals

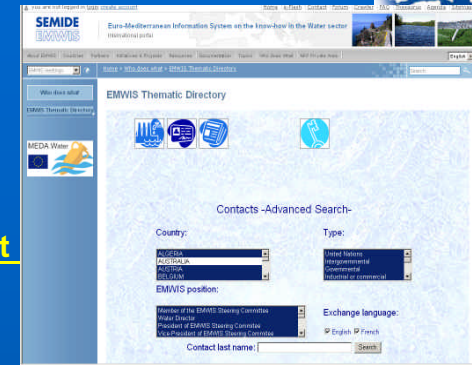


Thematic forums/folders

Ground water, water scarcity
Water glossaries, satellite images,
etc.

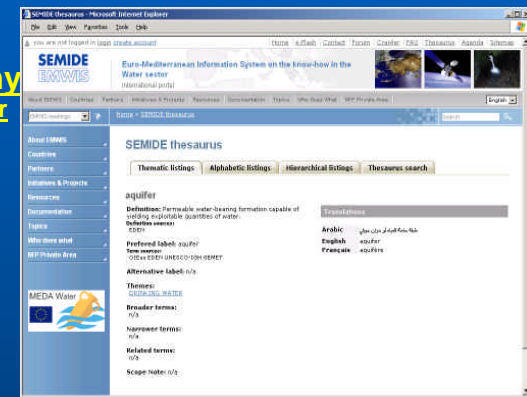


« who does what



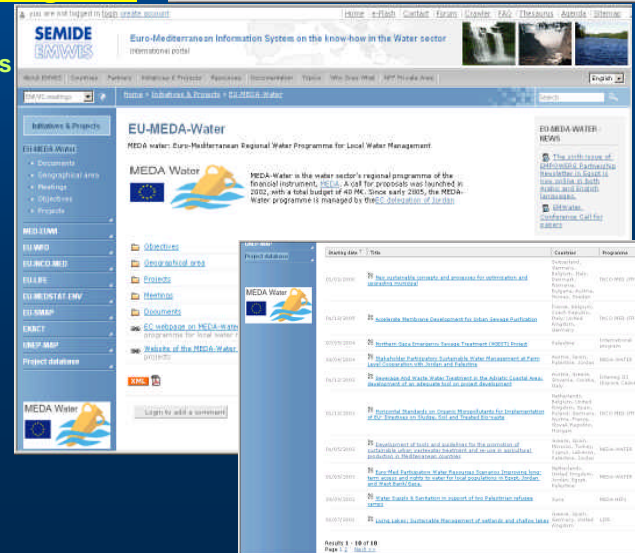
Common taxonomy
(multilingual water
thesaurus)

www.semide.net



Clearing house for EU programs
and initiatives

Regional water projects



Monthly eNews Flash in Arabic,
English and French

