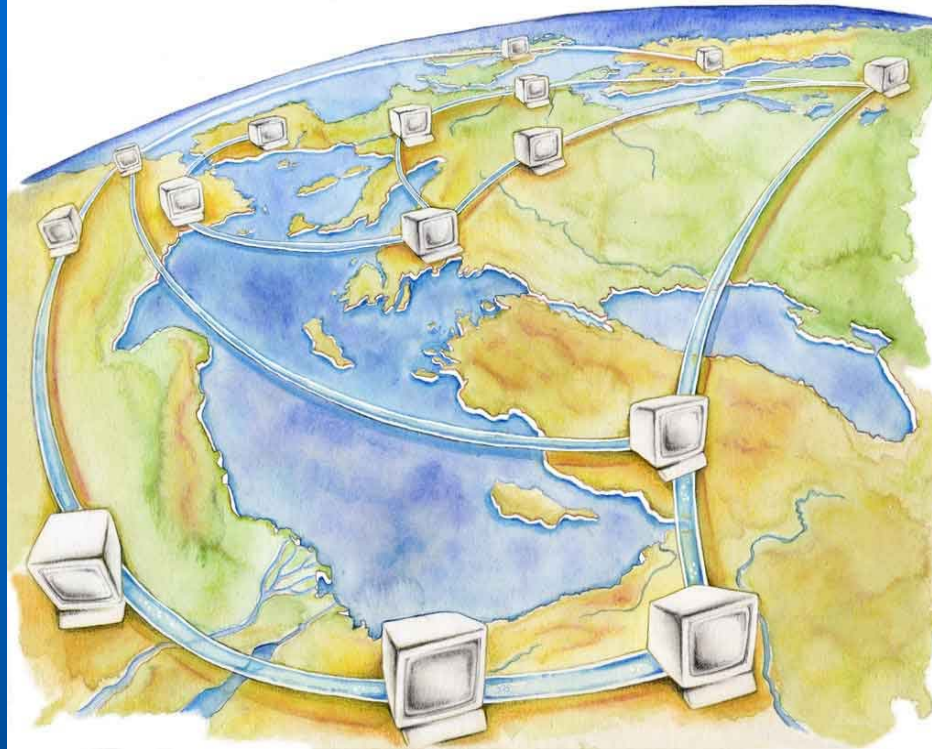


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EMWIS

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Information System
on know how in the
water sector

النظام المعلوماتي الأورومتوسطي
للمعرفة في مجال المياه

Water monitoring working group
of the Med Joint Process

Eric MINO

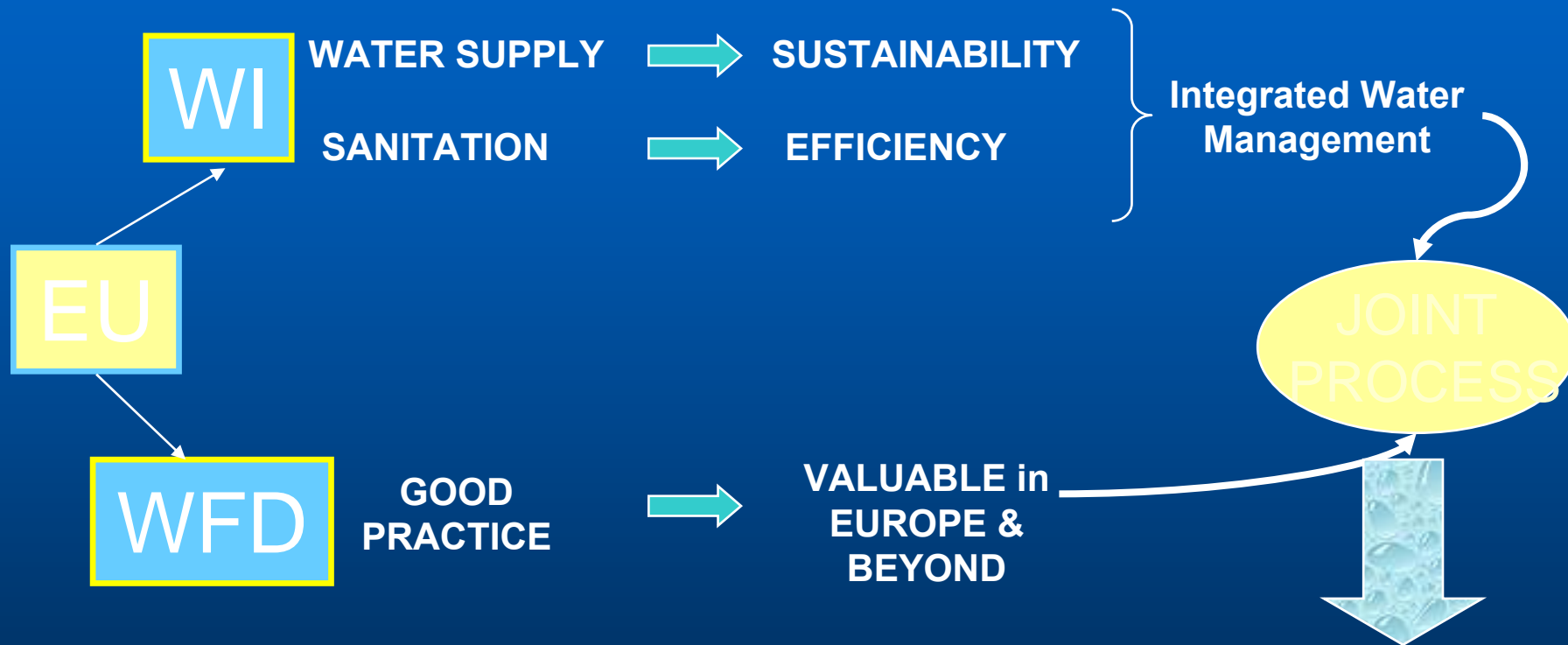


Union for the MEDITERRANEAN





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

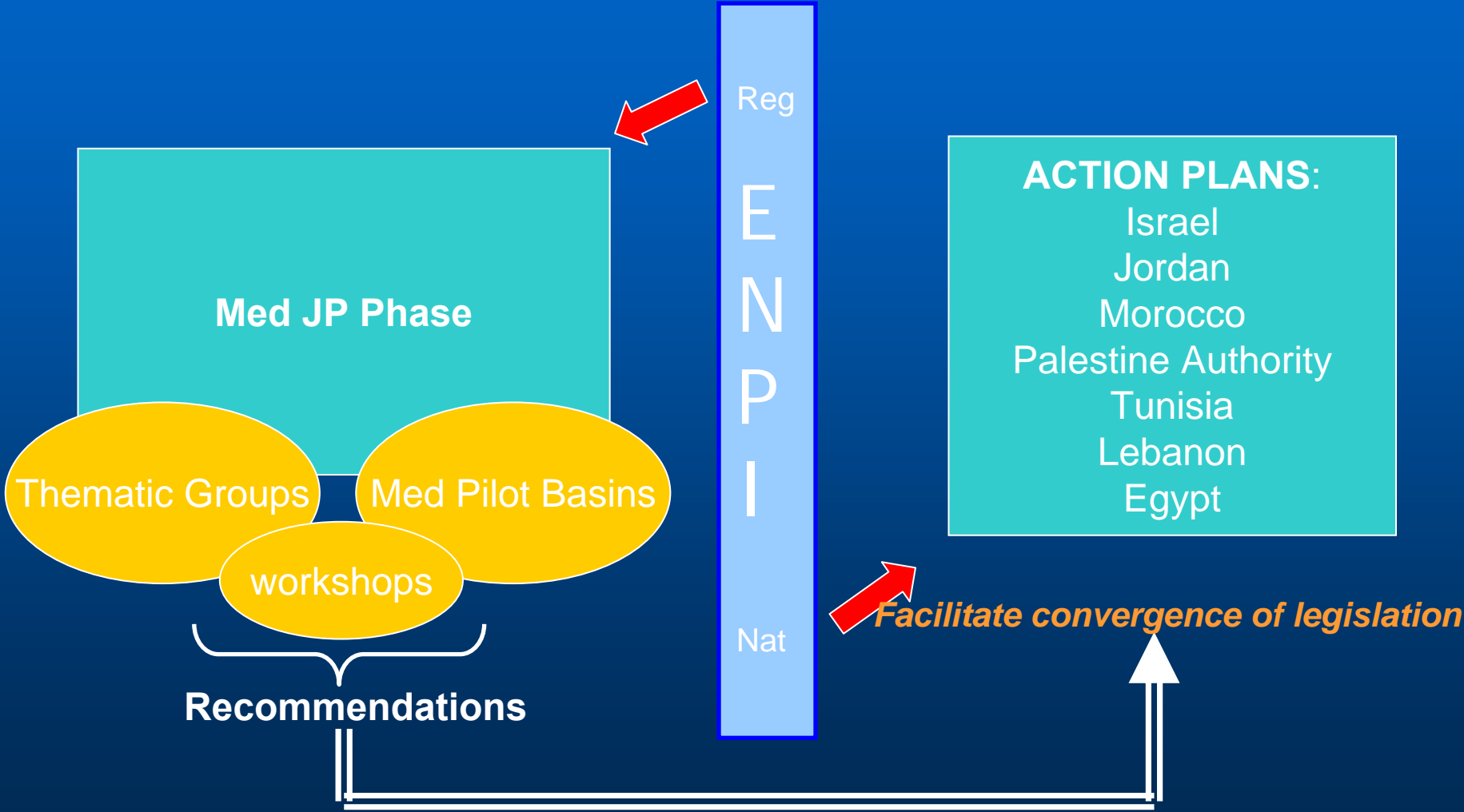
■ **ENVIRONMENT / COOPERATION**

- 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

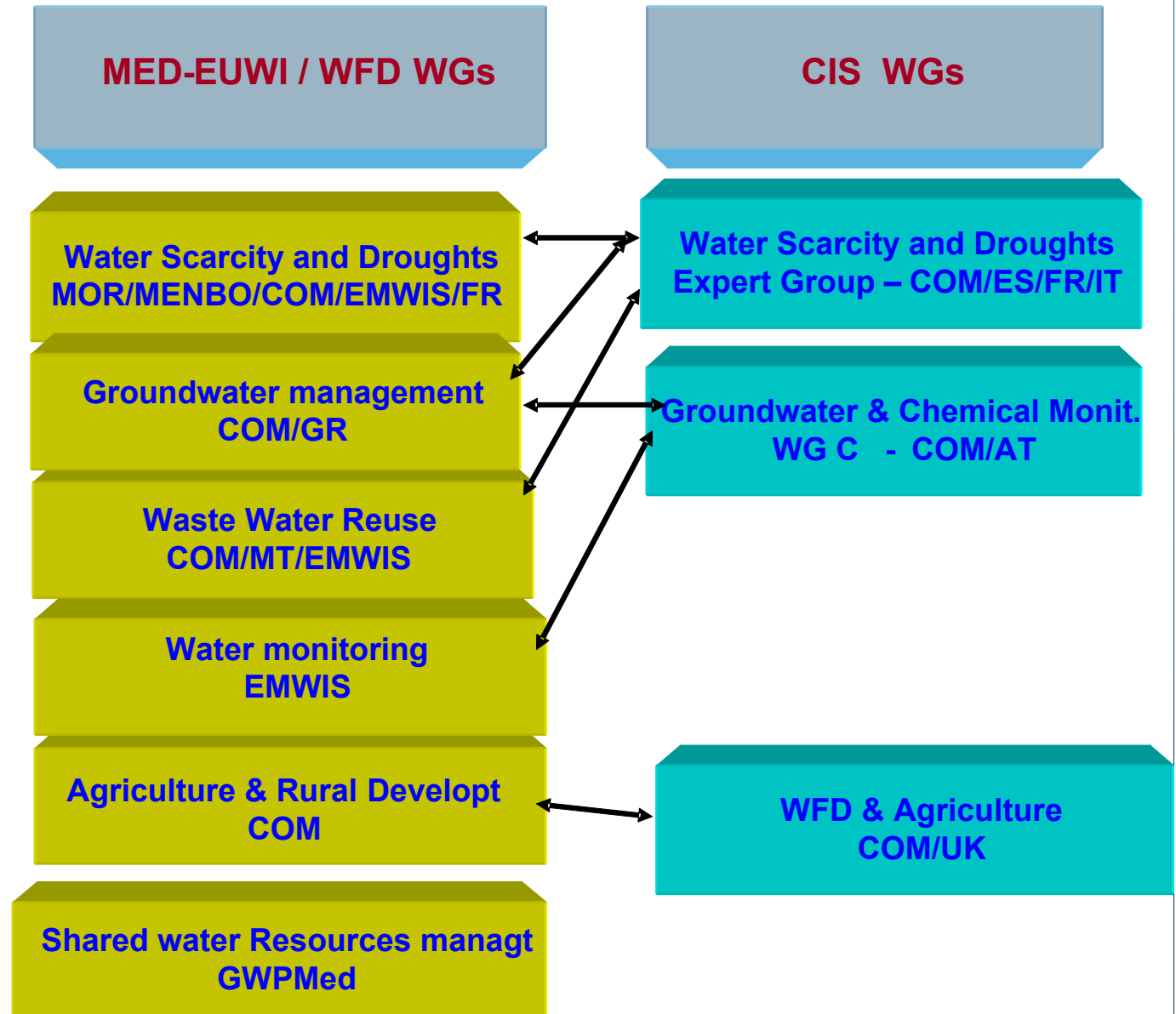
REGIONAL ACTIVITIES

NATIONAL ACTIVITIES





MEDITERRANEAN EUWI/WFD JOINT PROCESS





Water monitoring WG

- **Working group on water monitoring**
 - **Launched in July, 2007**
 - Part of the Joint Process
 - Mandate, validated in Dec'2007
 - First list of members
 - See details at: <http://www.semide.net/topics/watmon>
 - **No real activity due to the lack of funds**
- **Support from DG Env contract (2008)**
 - **Survey**
 - Status of monitoring networks in Med Countries
 - identify priorities for improving the water monitoring
 - **2 Working group meetings (2009 – 2010)**
 - **Preliminary report - 2010**



Mandate

- **Objectives:**
 - Exchanges of experiences
 - identifying good practices for the improvement of monitoring networks
- **Focus on (as a result of 1st meeting):**
 - groundwater monitoring and esp. quantitative aspects
 - quality monitoring
 - Monitoring of surface and coastal waters in case it is linked to groundwater management & monitoring
 - Probably focus needs to be reviewed



Key subjects proposed

1. Reviewing WFD objectives & requirements regarding monitoring & identifying main issues of relevance for MPC;
2. Identifying useful experiences from EU-Member States on adjustment & improvement of monitoring systems (technical, organizational, financial aspects);
3. Reach a better understanding of the current monitoring networks in MPC (incl. case studies / "good practice") and to identify the main priorities for improvement;
4. Analyze existing monitoring activities focusing on quantity issues in the MPC and EU Member States;
Could be done by "water scarcity and drought" working groups of the JP;
5. 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
- **Identification of targets to be surveyed**
 - with NFP: MA, DZ, TN, JO, IL, LB, TR, PS
 - EMWIS TU alone: EG, SY, LY
 - Self reply: CY
- **Sending questionnaires:**
 - NFP + EMWIS TU: IL, TN, TR
 - NFP alone: LB, PS, JO, MA
 - EMWIS TU alone: EG, SY, LY, DZ, JO, MA
- **Reminders sent by EMWIS TU**

Survey time frame



<u>Launch of the survey</u>	<u>15 April 2009</u>
<u>Reminders</u>	<u>May & June 2009</u>
<u>Replies from MPC</u>	<u>August 2009</u>
<u>Consolidation & Validation of replies</u>	<u>July-August 2009</u>
<u>Synthesis</u>	<u>Sept'09</u>
<u>Workshop</u>	<u>6th Oct.</u>
<u>Report preparation</u>	<u>End Nov. 2009</u>



Status of replies

<u>Countries</u>	<u>Target</u>	<u>Replies</u>	<u>Comments</u>
<u>DZ</u>	<u>9</u>	<u>3</u>	☹️
<u>EG</u>	<u>3</u>	<u>0</u>	☹️
<u>IL</u>	<u>7</u>	<u>2</u>	☹️
<u>JO</u>	<u>4</u>	<u>2</u>	☹️
<u>LB</u>	<u>6</u>	<u>4</u>	☹️
<u>LY</u>	<u>1</u>	<u>0</u>	☹️
<u>MA</u>	<u>3+</u>	<u>3+</u>	😊
<u>SY</u>	<u>2</u>	<u>1</u>	☹️
<u>PS</u>		<u>0</u>	☹️
<u>TN</u>	<u>7</u>	<u>2</u>	☹️
<u>TR</u>	<u>2</u>	<u>1</u>	😊
<u>CY</u>		<u>1</u>	😊



Identification of gaps (1/2)

	Algeria	Egypt	Israel	Jordan	Lebanon	Libya
Costal waters	MATET		Min. Env.			
Rivers	ANRH		Water Authority	JVA WAJ	DGRHE	
Dam-reservoirs	ANBT			JVA WAJ	DGRHE ONL EPRE (2/4)	
Wetlands	MATET					
Ground water	ANRH		MoH	WAJ	DGRHE	



Identification of gaps (2/2)

	Morocco	Pales-tine	Syria	Tunisia	Turkey
Costal waters	Equipment Dept Environment Dept Fondation Mohammed V			MEDD APAL MSP DHMPE	DGEM
Rivers	S3E Basin agencies		Min. irrigation	DGRE ANPE	DSI
Dam-reservoirs	S3E Basin agencies ONEP		Min. irrigation	DGRE DGBGTH SONEDE ANPE	DSI
Wetlands	S3E Eaux et forêts		Min. irrigation	DGRE ANPE	DSI Wetland dept
Ground water	S3E Basin agencies Health Ministry Agriculture Ministry		Min. Housing & constr.	DGRE - BIRH	DSI



Thank you
for your attention

Further information at

<http://www.semide.net/topics/watmon>