



European Commission



MED Water Scarcity & Drought Working group - PHASE II -

Sylvie Detoc, European Commission



European Commission

BACKGROUND

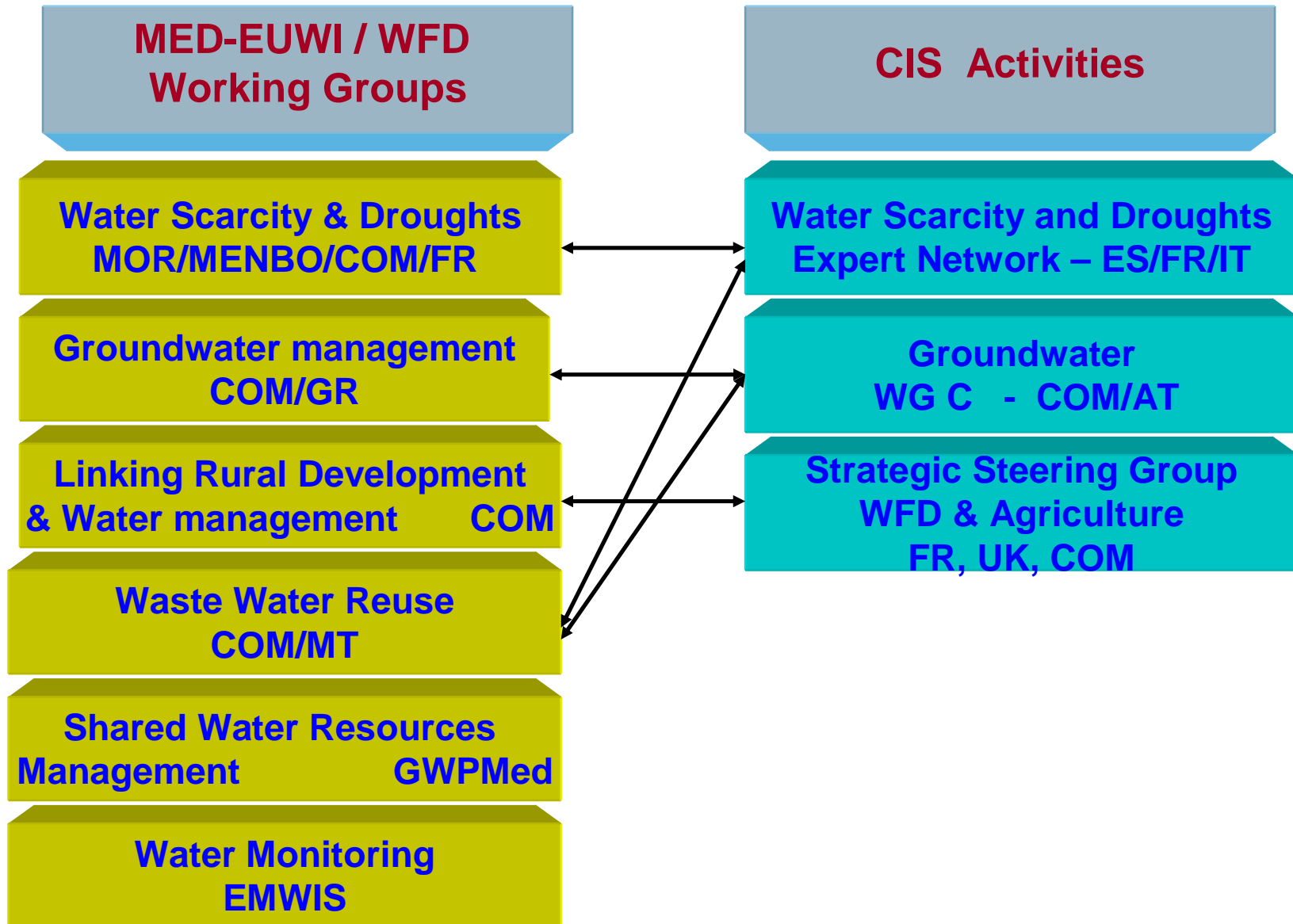


-
- **Med Joint Process Phase I 2005-2006**
 - **Brindisi, 2004; EU Water Directors 2004**
 - **Med WS&D report**

 - **Med Joint Process Phase II 2007-2009**
 - **Euro-Med Water Directors meeting, Nov. 2006**
 - **First **MED WS&D** Plenary meeting 19 June 2007**



MEDITERRANEAN EUWI/WFD JOINT PROCESS





European Commission

Med WS&D Report Phase I



-
- **Structure and contents based on the EU report**
 - **Significant contribution *inter alia* by Blue Plan and Medroplan**
 - **Include Med examples from non-EU countries**
 - **Finalised April 2007; publication summer 2007**
-



European Commission

Med WS&D Report Phase I: Recommendations



- **Water scarcity & Drought & Water Framework Directive**
 - **WS&D can be addressed through WFD**
 - **However, need to adapt the framework**
 - Concepts: river basin; quantitative status
 - Instruments: water pricing; cost recovery principle
- **Water scarcity & Drought & Risk management in the Mediterranean**
 - **Drought management plans**
 - **Demand / supply – side measures**
- **Water scarcity & Drought & need for further research in the Mediterranean**



European Commission

EU ACTION ON WS & D



● TECHNICAL LEVEL:

○ EC: In-depth assessment;

- First interim report: Dec. 2006
- second interim report: June 07;

○ Expert Network (Member states, stakeholders):

- In-depth assessment
- Interfaces with WFD: exemptions / Drought management plans / measures

○ Stakeholder Forum

● POLITICAL LEVEL:

○ COMMUNICATION: July 07

○ Political discussions: Council of ministers, Sept. 07, Portugal and Oct. 2007



European Commission

DELINEATION



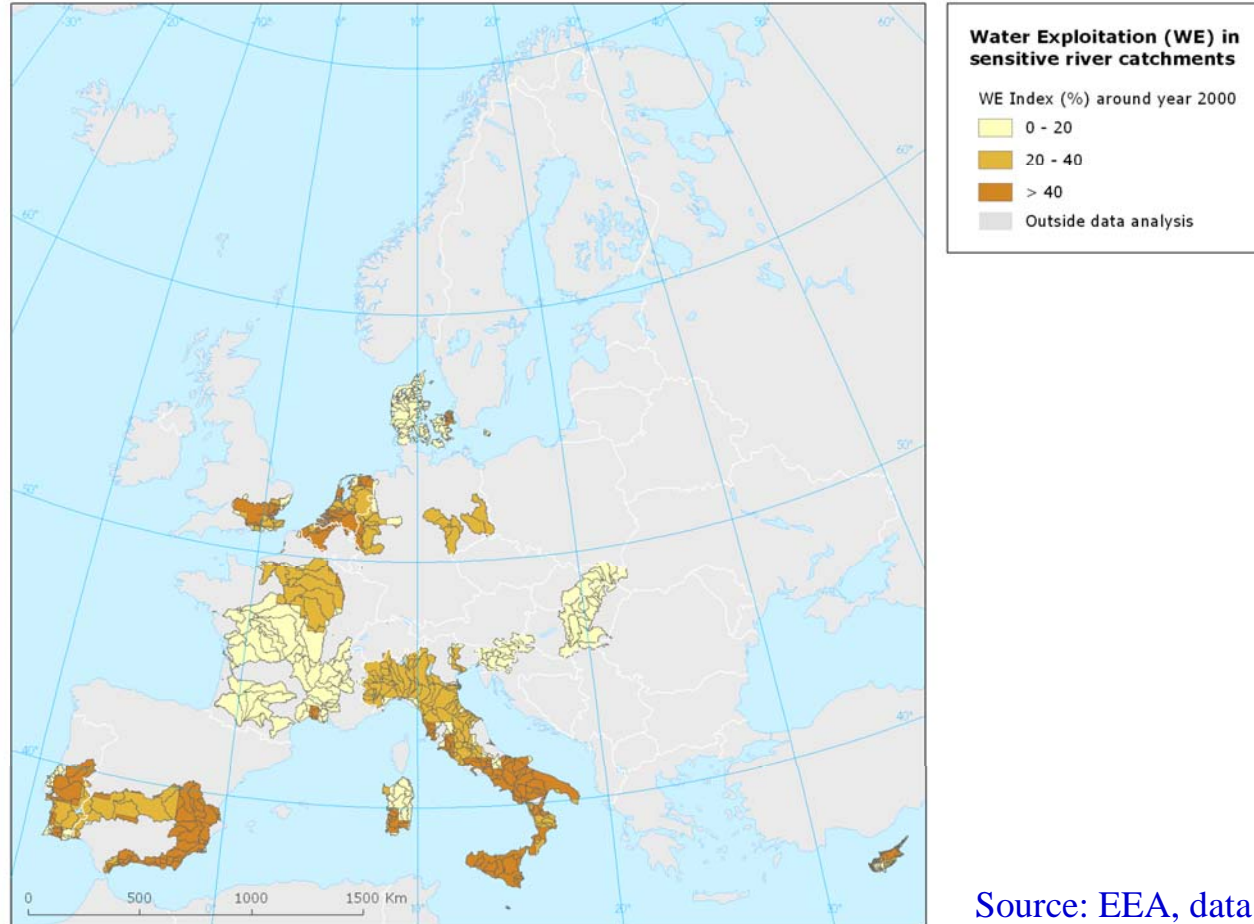
	WATER SCARCITY	DROUGHTS <i>(last 30 years)</i>
Countries	14	13 + Norway
Population <i>(Mio inhab.)</i>	100	80 <i>(last 5 years)</i>
River Basins	28	



European Commission

WATER SCARCITY - SCOPE

EUWI
EU WATER INITIATIVE



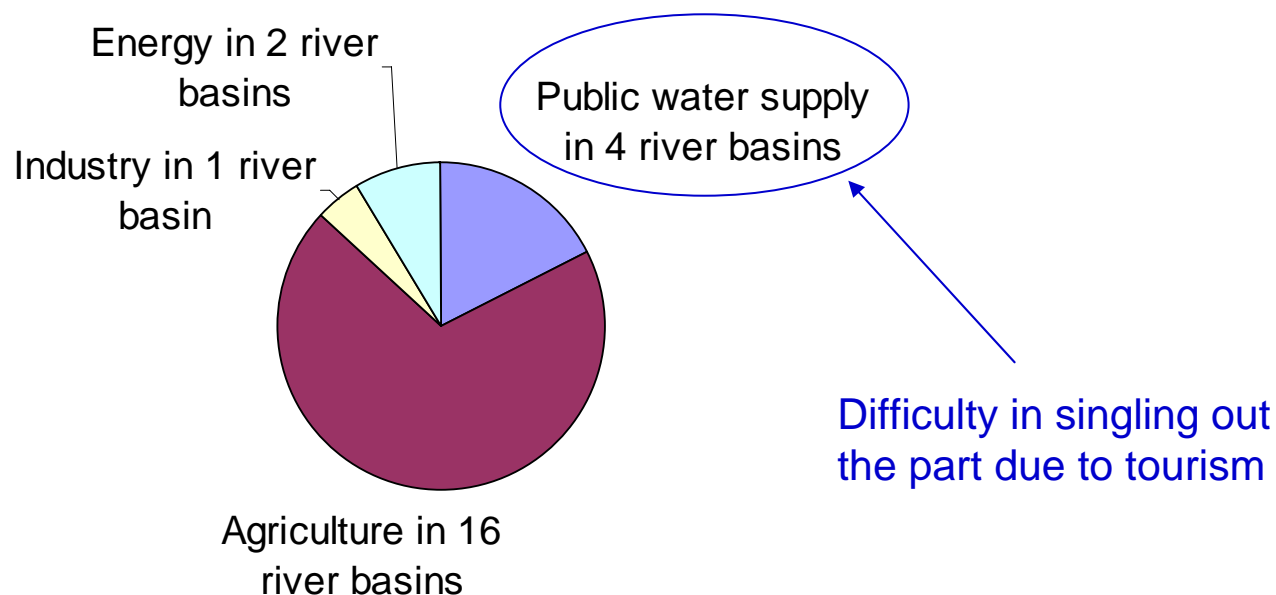
Source: EEA, data MS



CAUSES

The **causes** of water scarcity largely depend on river basin characteristics and water uses.

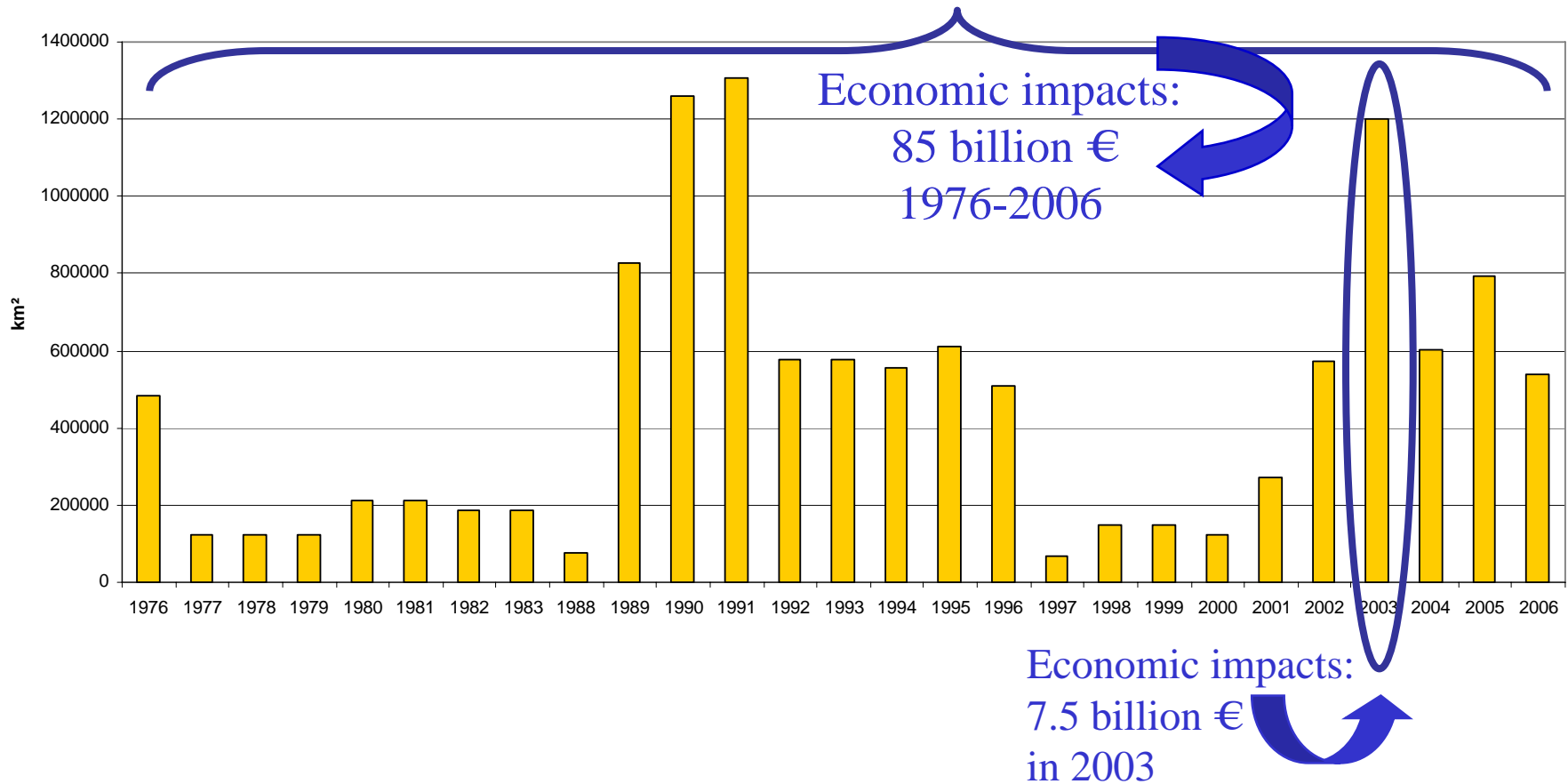
Main water use in the river basins affected by water scarcity





DROUGHTS - SCOPE

EU area affected by droughts in the last 30 years





European Commission

Med WS&D Report Phase II: **MANDATE**



● **OBJECTIVES**

- **Step 1: finalise Med WS&D report**
- **Step 2: collect data & information on impacts of WS&D**
- **Step 3: data analysis & assessment of WS&D in the Med**
- **Step 4: identification & analysis of 'best practices' for water saving measures & formulation of recommendations**



European Commission

Med WS&D Report Phase II: **MANDATE**



- **ORGANISATION**

- **Leaders: Morocco, EC, France, MENBO**
- **Membership: EU, Balkans, MEDA countries, other experts**
- **Interface with other groups**
- **Webpage administrated by EMWIS**

- **OUTCOMES**

- **Final version Med WS&D; March 2007**
 - **Report Phase II: in-depth analysis and water saving measures**
 - **Workshop: further exchange of information**
-



European Commission

Med WS&D Report Phase II:



TIMEFRAME

- **Table of contents:** 19 June 2007
 - **Information & data collection:** end Sept. 2007
 - **Additional contributions:** end Sept. 2007
 - **First draft :** end Oct. 2007
 - **Euro-Med Water Directors mtg:** Dec. 2007 (TBC)

 - **Supplementary data:** end Dec. 2007
 - **Second draft:** January 2008
 - **Final version** March 2008
 - **Euro-Med Water Directors mtg:** 2008

 - **Euro-Med Ministerial mtg:** 2008
-



European Commission



EU Water Initiative
Water for Life



**Thank you for your
attention**

sylvie.detoc@ec.europa.eu

الإطار التوجيهي حول المياه
استفد منه !



<http://www.emwis.net/topics/WaterScarcity>

EUWI: www.euwi.net/

EU WS&D: http://ec.europa.eu/environment/water/quantity/scarcity_en.htm



Table of Contents / Contributions

CHAPTER	COORDINATOR	CO-DRAFTERS & EXAMPLE PROVIDERS
Introduction	Mohammed BLINDA, Jean MARGAT (Plan Bleu)	Thierry DAVY (FR) Sylvie DETOC (EC)
- General description of water resources in the Mediterranean, water scarcity and drought problems - Link between the WFD and water scarcity issues (source: EU report)		
Chapter I: Definitions and assessment of the different phenomena	Essam Khalifa, (Egypt) TBC	
- Definition of drought - Definition of long term imbalances Based on the EU report and supplemented with Mediterranean specificities		



Chapter II: Drought Planning and Management	Dunixi Gabina (Med. Agronomic Institute of Zaragoza) TBC	Ana IGLESIAS (University of Madrid): list of references & examples
- Adapt the EU report including the Mediterranean specificities - complete with the experience of MEDROLAN project		
Chapter III: Long term imbalances in supply and demand		Mohamed BOUFAROUA (Tunisia): water conservation & small dams in Tunisia Essam KHALIFA (Egypt): Reuse of the drainage water



European Commission



Chapter IV: Conclusions and recommendations	Mohamed BOUFAROUA (Tunisia) TBC, Thierry DAVY (FR), Sylvie DETOC (EC)	
-Summary of Mediterranean specificities - specific recommendations for addressing WS&D in the region, including good practices from EU and non-EU countries; - WFD & WS&D in the Mediterranean: what is the contribution of the WFD for addressing WS&D issues and what are the main difficulties for its implementation		

COORDINATION OF THE DOCUMENT:

- Sylvie Detoc
- Thierry Davy