Matrix of Work Group 5 - Water information in Mediterranean area

#	Item	**Challenges**	**Key results of MEDA Water**	**Future Priorities**	**Recommendations**
	Innovations	Innovation – modelling Special efforts should be made in terms of innovation solutions that are specific to each country Data with standard format Quantifying & Modelling hydrological process	Implementation of NWIS's	Benefits of new information technologies	Development of new models
	Knowledge	The latest Internet technologies Viability of data Information access Knowledge transfer Data Policy defined at regional level Sharing data & experiences Tasks on information to be assured by Countries Implementation of national WIS	15 National Website launched by EMWIS Better management of projects Better management of studies quality Experience exchange between countries Multilingual water thesaurus (glossary) EMWIS became a main information source for a huge water Community Building a regional water projects database Improved information access	- Extension to all MEDA countries - Multilingual - sectorial NWIS - building information system at the level of data production - enhancing irrigation system of information - involve partner countries to better generate / disseminate to knowledge	-Publicity of water information system update of data. - EMWIS is a tool for different topics - ask the Ministerial conference to support a (fund) NWIS in the countries & RWIS (refined) - Allocate funds to develop harmonized national water information systems. - Information harmonization is essential. All sectors might enhance their systems at the same speed.

	Institutional Environment	Lack of collaboration between Stakeholders Adaptation legislation to facilitate Institutional cooperation of local water Authorities Coordination between levels Central, regional & local Involve all the partners in establishment of the WIS Reinforcing NWIS in the Countries Achieved results couldn't be sustained without local Government support & commitment Sharing information & power institutional is the first step to IWRM Administrative zoning Bring institutions to share information	Creation of an efficient Network "hub" of information at national & regional level Networking & cooperation of national water authorities Networking Network of water institution sharing experiences Gathering Euromed water directors annually to take approach decisions National implication is possible (EMWIS & Co)	- Gather national water actors in the framework of an NWIS - build national water information systems. - identify lessons learnt / good practices. Seek potential funds for NWIS. Really integrated water management. -standardization of hard and soft equipment of the system. - ensure the maintenance and operation system.	- clarify responsibilities in water data management. - water users should be involved in some way to allow their real participation in all experiences. - elaborate a framework for institutionalizing information exchange. - establishment of a national committee of WIS.
	Community Mobilization	Community involvement Decision making process Communication Availability of local expertise to manage new technologies		- support information exchange between stakeholders. - Information should be shared with stakeholders.	- improve communication methods.

	Awareness	Domestic –Public water saving agricultural, vulgarising irrigation management method Lack of awareness	Awareness the benefits of national water information systems Promotion of research results Availability of regional web portal to keep the water community updated Gathering national actors in national seminars		↳ developing pilot projects. ↳ Capacity building to use new information sources. ↳ Promoting the use of modeling tools.