

SEMIDE  
EMWIS



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

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

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

## **Analysis of EU projects & programs on the water sector in the Mediterranean area**



**Information and training seminar for EMWIS data managers, Madrid 2006-11-13/15**



# Purposes of the study

## ■ Problems & reasons:

- ❖ **Fragmented & poor information, lack of visibility**
- ❖ **Duplication of efforts and projects on same issues**
- ❖ **Lack of coordination funding**
- ❖ **No availability of an unique regional database with all water projects**

## ■ Objectives:

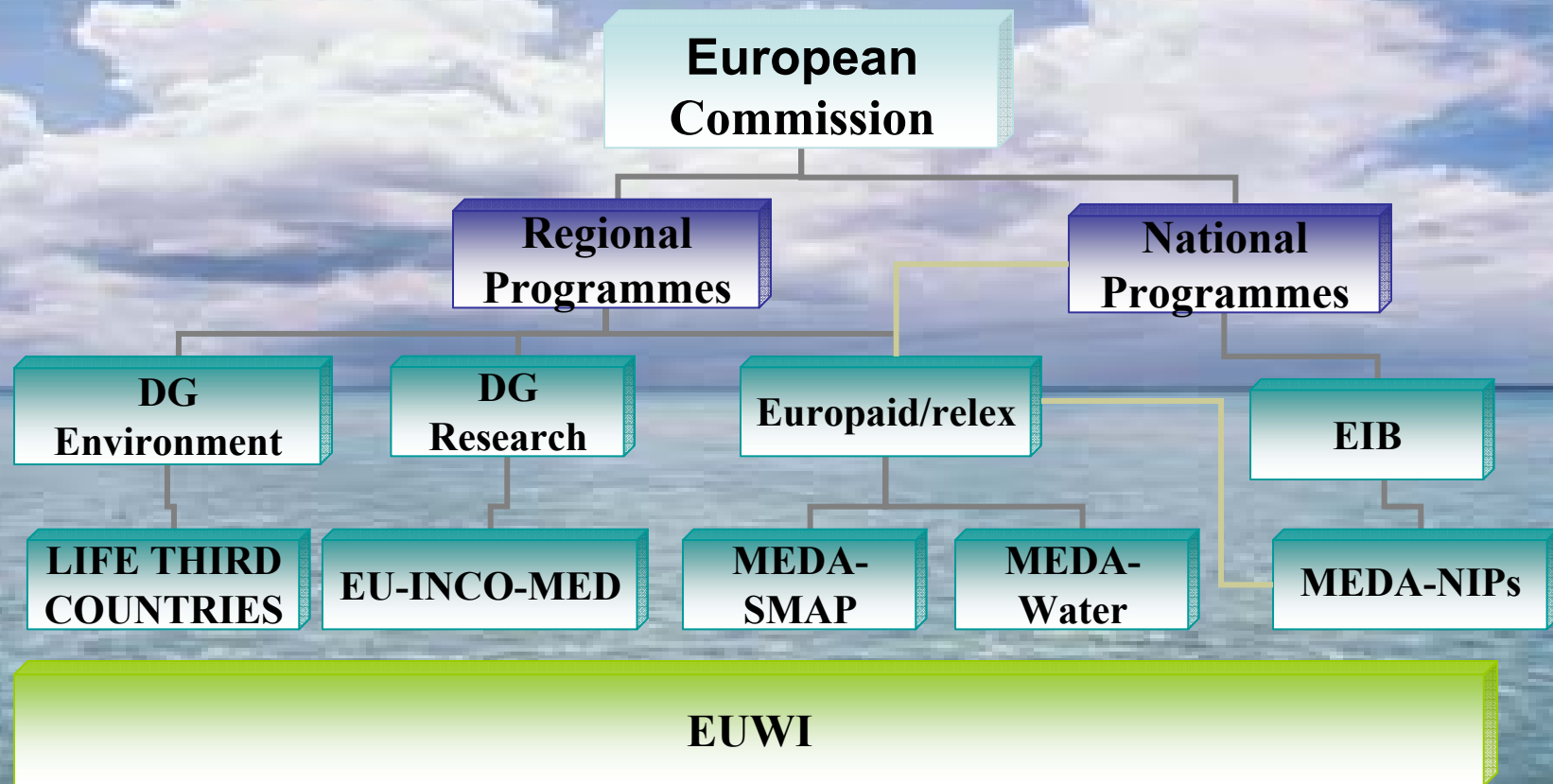
- » **State of the art of the different Water projects**
- » **Identifying the donors & the programs in the water sector**
- » **Reinforce information & good practices exchange, and foster cooperation (NORTH-SOUTH, SOUTH-SOUTH)**
- » **Show the way to the next programs and proposals (EU Neighborhood Policy, etc), and serve as a tool to the donors (EC divisions, EIB, etc), and the end users (Institutions, universities, ONGs, companies, etc)**
- » **Help Euro-mediterranean water actors to make suitable proposals (tackling themes of priority) and to get funding**

# Study steps

## ■ Activities:

- ❖ Information collection (EC databases, projects websites, other institutions websites, contact with EC delegations in the MPC, etc)
- ❖ Common definition of projects metadata: description, objectives, results, budget, period, partners, funding sources, etc)
- ❖ Build an online database with an added value (picking up all water projects in the Euro-Mediterranean area under the different programs “124 projects up to now”)
- ❖ Possible syndication with NFPs (XML)
- ❖ Explain the context of each program and the funding scope

# Programmes funded by the EC



# MEDA programmes funded by the EC

## - Regional programmes (MEDA-RIPs)

- Funds through EC call for proposals

### \* MEDA-Water:

- Regional program in the water sector

- MEDA-Water (2001-2007)

- Budget: €40 millions

9 projects

10% of funding

## • MEDA programme:

▪ MEDA I (1995-2000)

Budget: €3,4 Billions

▪ MEDA II (2000-2006)

Budget: €5.35 Billions

## \* MEDA-SMAP:

- Regional Actions program at Mid- and Long-term

- Encourage North/South Cooperation in the Environment sector

SMAP I (1998-2000)

Budget: €5.5 millions

SMAP II (2000-2002)

Budget: €30 millions

4 projects

90% of funding

## - National programs:

### \* MEDA-NIPs:

- Priority Programme for funding between UE & MPC governments

- Bilateral Programme

10 projects (list not exhaustive)

# LIFE & INCO-MED programmes funded by the EC

- LIFE:

- ❖ Financial tool of EU policy of Environment
- ❖ Actions Program to develop territories or industries respecting the environment
- ❖ **3 axes: LIFE ENVIRONMENT, LIFE NATURE & LIFE THIRD COUNTRIES:**

- » Phase 1 :(1992-1995)

- » Phase 2 :(1995-2000)

- » Phase 3: (2000-2006)

 11 projects

- INCO-MED

- ❖ Framework Programme on Scientific research, including research on water

- » Phase 1 (FP4): (1994-1998)

- » Phase 2 (FP5): (1998-2002)

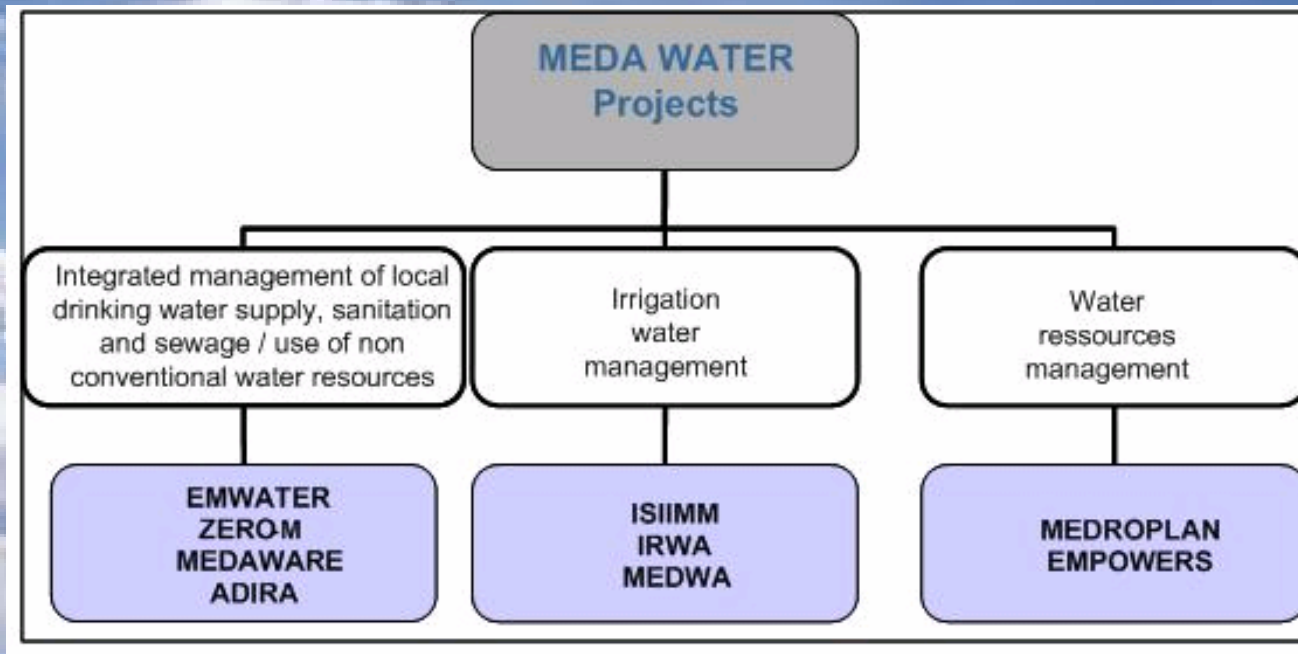
- » Phase 3 (FP6): ( 2002-2007)

- (€315 millions) (open to all MPC countries)

- » Phase 4 (FP7): (2007-2013)

 57 projects

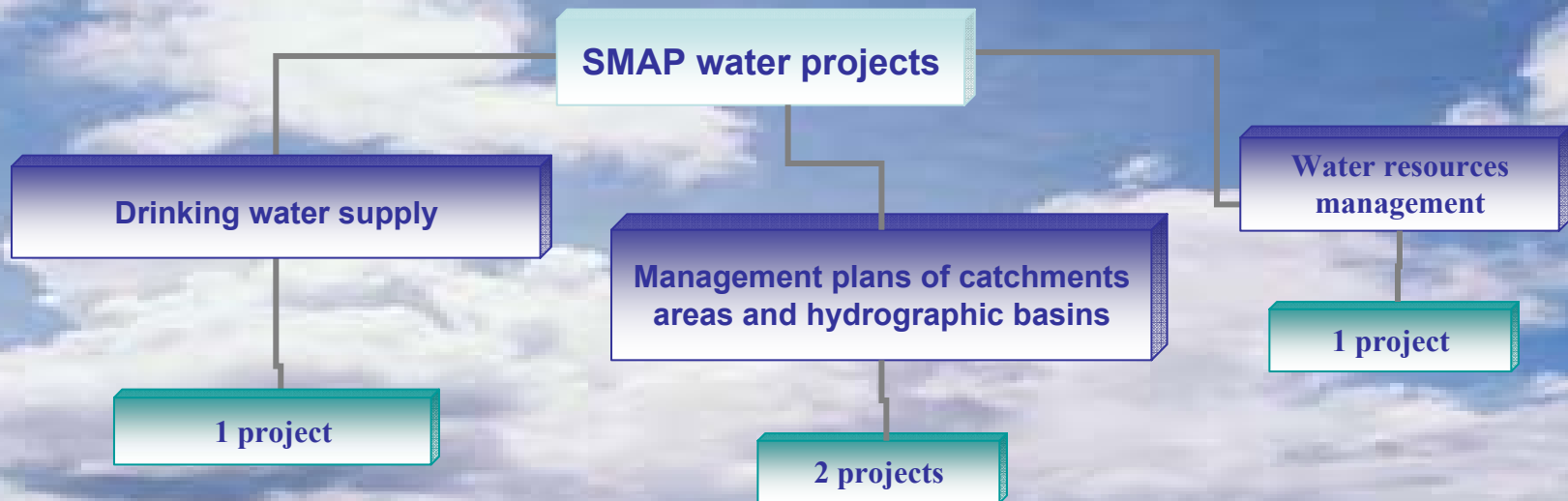
# MEDA-Water Programme



## ■ MEDA-Water project sample:

- ❖ **Project Title: ADIRA**
- ❖ **Budget: €2,73M**
- ❖ **Geographic scope: Egypt, Jordan, Turkey, Morocco & Cyprus**
- ❖ **Description: units powered by autonomous, renewable energy supply systems with fresh water output in the range of 100 l/day to 10 m<sup>3</sup>/day.**
- ❖ **Objectives: investigating the concept of fresh water supply in rural areas, using salt water (sea water and brackish water)**
- ❖ **Results: The ADS (Autonomous Desalination Systems) will be installed in five MENA countries: Cyprus, Egypt, Jordan, Morocco, and Turkey, Staff training, local participation for the fabrication.**
- ❖ **Period: 2003-2007**

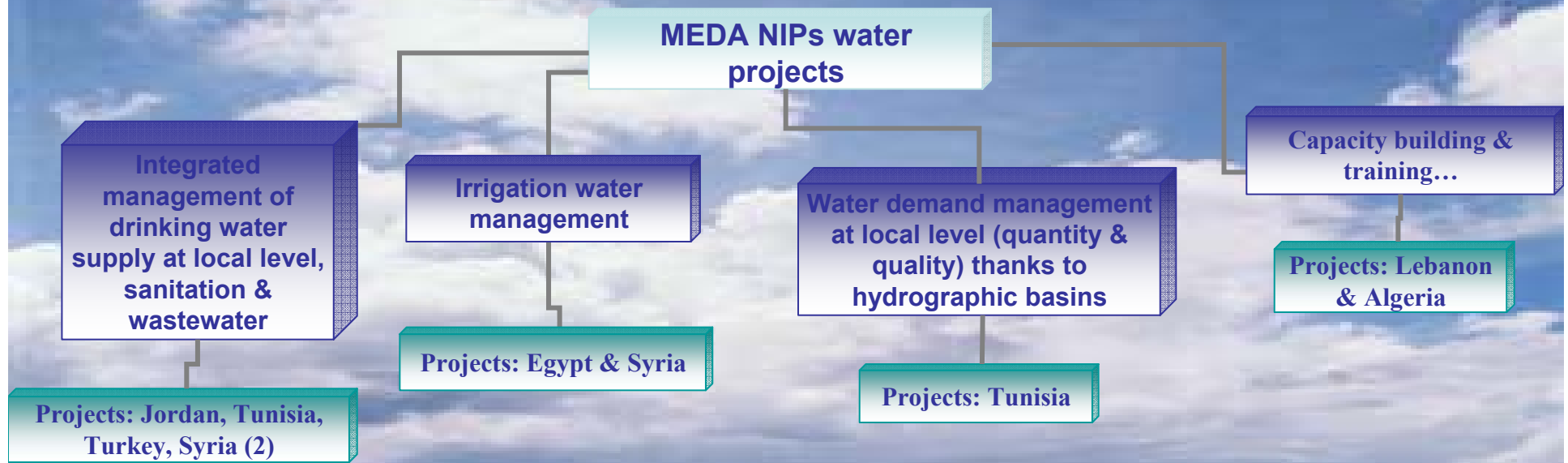
# MEDA-SMAP



## ■ SMAP project sample:

- ❖ Project title: «Integrated wastewater management»
- ❖ Budget: €4,96M
- ❖ Geographic scope: Palestine, Jordan
- ❖ Objectives: Watersheds management, raising awareness among local population on water economy & sustainable development in the water sector
- ❖ Results: Project architecture in both countries, and catchments studies done
- ❖ Period: 2003-2006

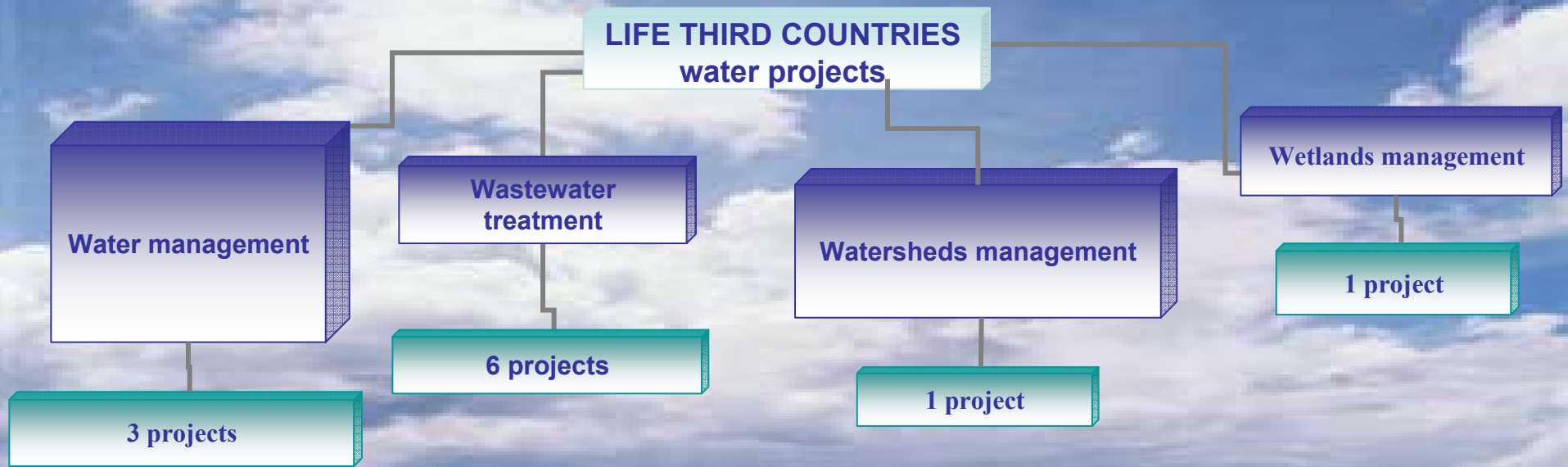
# MEDA-NIPs



## ▪ MEDA-NIPs project sample:

- ❖ Project title: «Irrigation & drainage of Euphrates low valley»
- ❖ Budget: €12M
- ❖ Geographic scope: Syria
- ❖ Objectives: Rehabilitate saline soils through improved drainage and increase the area under irrigation, transfer of know-how in the application of modern irrigation techniques, Increase the local capacity for the manufacture of irrigation pipes, channels and parts.
- ❖ Results: Staff training on maintenance operations
- ❖ Period: 1986-2001

# LIFE THIRD COUNTRIES



## ■ LIFE THIRD COUNTRIES project sample :

- ❖ Project title: «Demonstration of wastewater treatment in Tunisian tanneries»
- ❖ Budget: €786 600
- ❖ Geographic scope: Tunisia
- ❖ Objectives: Encourage the use of wastewater treatment in the Tunisian industry
- ❖ Period: 2005-2007

# INCO MED

9 Priority  
themes  
(FP4)

- » Policies integrating water management
- » Approaches by drainage basins
- » Innovations in Agriculture & Irrigation
- » Water treatment & reuse
- » Water protection & sanitation
- » Decision support systems management
- » Urbanisation & water
- » Integrated management of policies & resources in littoral zones

57  
projects

## ▪ INCO MED project example:

- ❖ Project acronym: «WATERMED »
- ❖ Budget (in €): 764.800
- ❖ Objectives: to develop a comprehensive method for the study of the water use and the resistance to the drought of the natural and irrigated vegetation in the Mediterranean Basin.
- ❖ Geographic scope: Morocco, Egypt, Spain, France & Denmark.
- ❖ Results: Evaluation of the vegetation resistance to the aridity and the severe drought periods (summer periods and the severe interannual periods) for mapping the grade of water use efficiency, etc.
- ❖ Period: 2000 -2003

# EMWIS Water Projects Database online

## Initiatives & Projects

EU-MEDA-Water ▲

MED-EUWI ▲

EU-WFD ▲

EU-INCO-MED ▲

EU-LIFE ▲

EU-MEDSTAT-ENV ▲

EU-SMAP ▲

EXACT ▲

UNEP-MAP ▲

Project database ▲



## Project database

### Search projects

**Query** 
**Programme** 
**Organisation**

**Theme**

**Country**

**Languages:**  English  French  Arabic

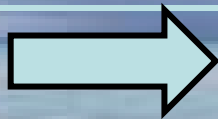
## Projects

Starting date ▾	Title	Countries	Programme
01/06/2006	<a href="#">Support Program with the Sector of the Water Resources</a>	Algeria	MEDA-NIPs
01/06/2006	<a href="#">Installation of the technical tools for management of water</a>	Lebanon	MEDA-NIPs
21/04/2006	<a href="#">32 world-wide water partners to bring the City of the Future one step closer</a>	Ghana, Egypt, Brazil, China, United Kingdom, Germany, Poland, Spain, Israel	International program
09/01/2006	<a href="#">Environmental action for the sustainability of natural resources through recycling of water and sludge from marble production</a>	Gaza strip & West Bank	LIFE
01/01/2006	<a href="#">METHODS FOR THE CONCENTRATION AND DETECTION OF ADENOVIRUSES AND NOROVIRUSES IN EUROPEAN BATHING WATERS WITH REFERENCE TO THE REVISION OF THE BATHING WATER DIRECTIVE 76/160/EEC</a>	Italy, Netherlands, Germany, France, United Kingdom, Spain, Poland, Portugal, Cyprus	INCO MED (FP6)
21/09/2005	<a href="#">Autonomous Desalination Units based on Renewable Energy Systems</a>	Algeria, Egypt, Greece, Italy, Jordan, Lebanon, Morocco, Palestine, Spain, Tunisia	INCO MED (FP6)
07/06/2005	<a href="#">Gaza Water and Sanitation project II</a>	Palestine	International program

# Methodological Approach



5 programmes



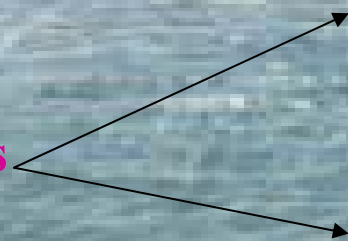
91 projects inventoried

MEDA-NIPs Programme



List not exhaustive

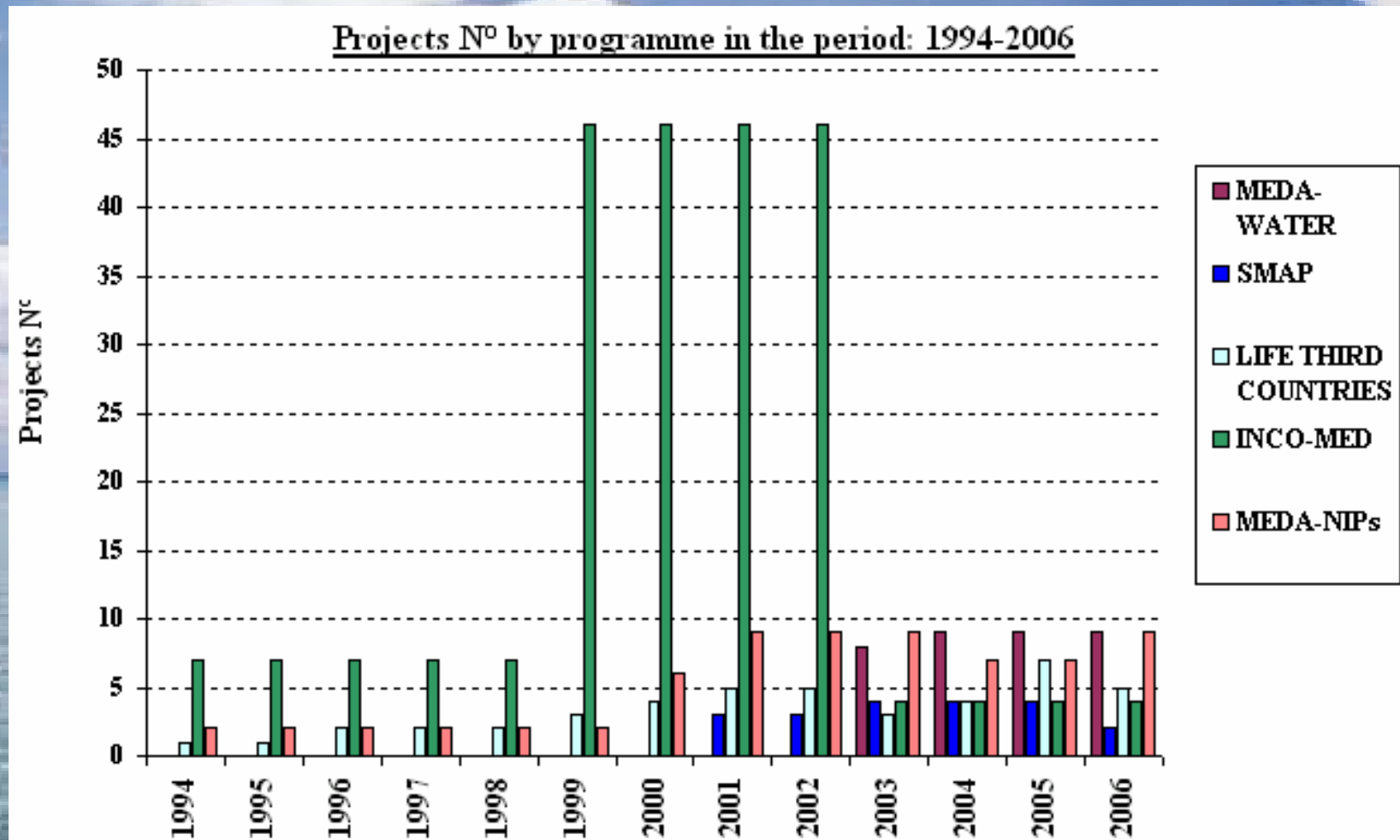
Priority themes



N° of SMAP projects: not significant.

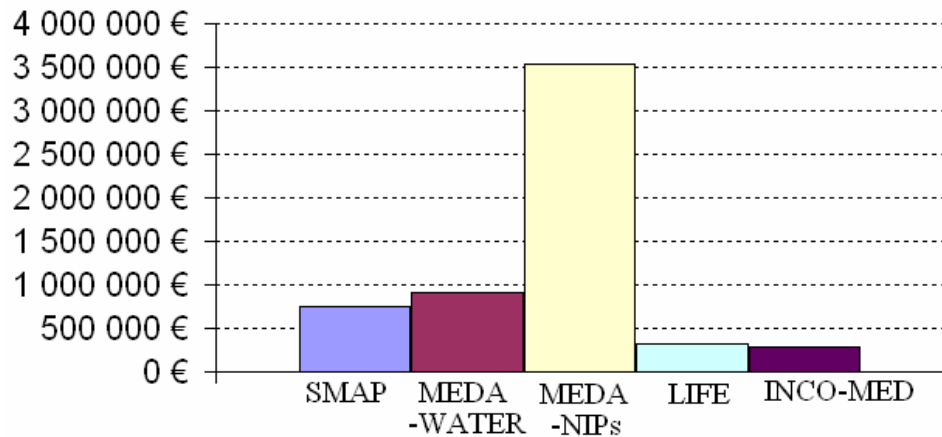
1 project addresses only 1 major theme

# Synthetic analysis by programme

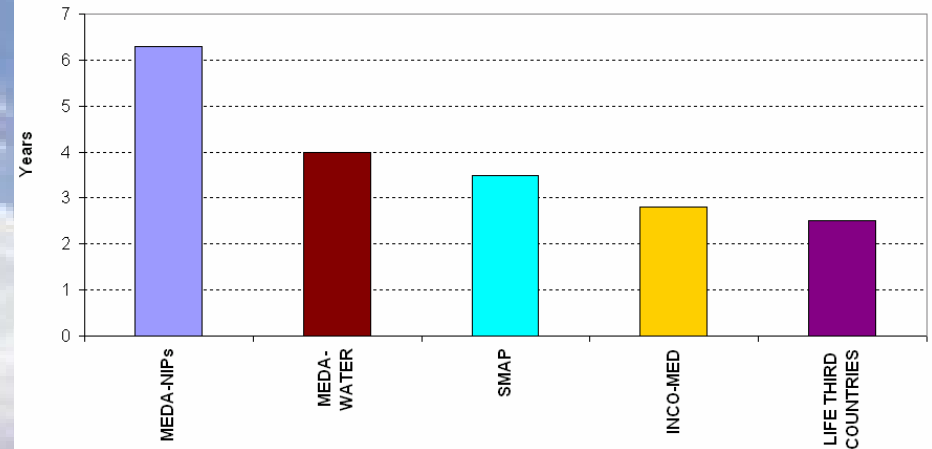


# Budget & Duration of projects by programme

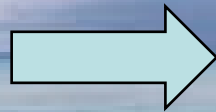
Mean Yearly Budget per programme



Mean duration of projects by programme



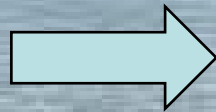
**MEDA-NIPs**



**- Global Projects with priority funding between UE & MPC**

**- Loans by EIB**

**MEDA-WATER**



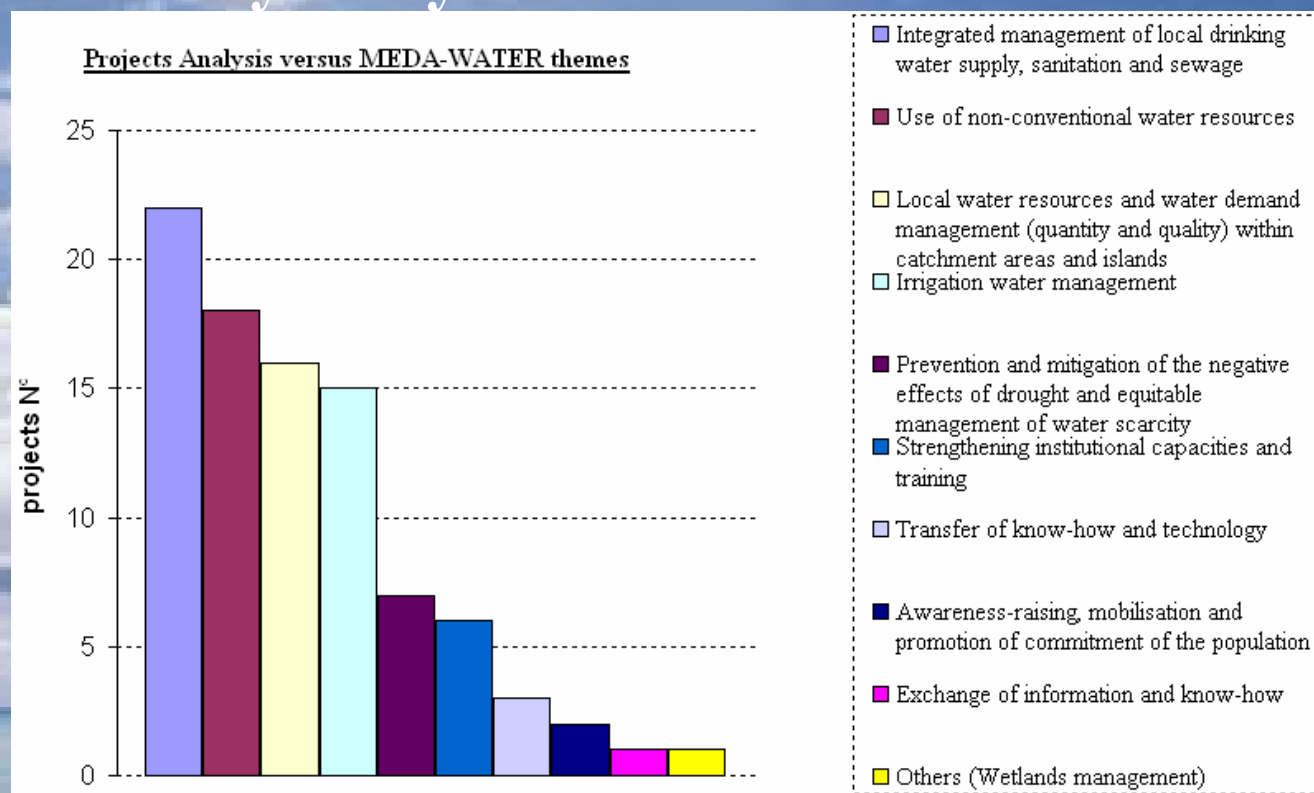
**Training, infrastructures.**

**Regional Programmes**



**EU Grants, Calls for proposals**

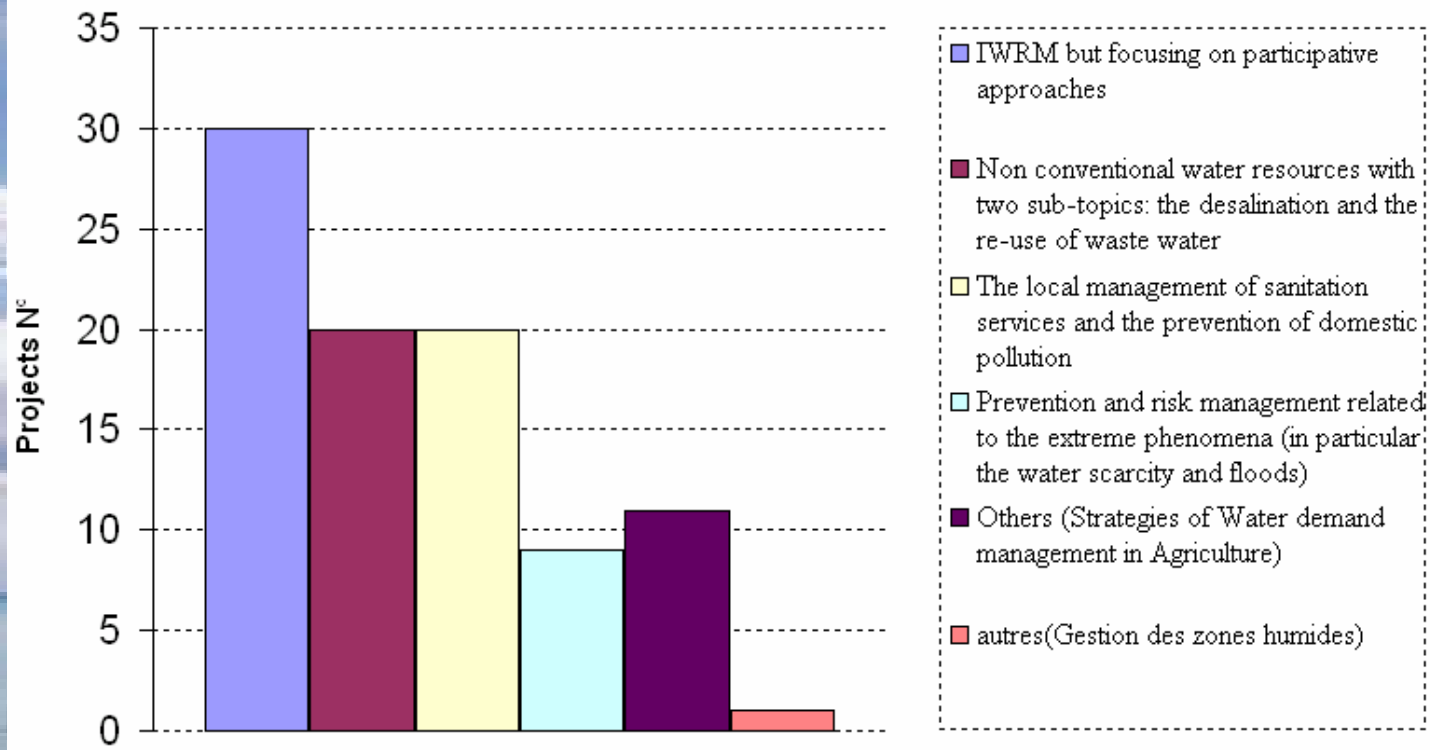
# Analysis by MEDA-WATER themes



**This analysis shows that MEDA-Water projects themes are almost taken by a great number of projects in the different programmes, which can help to assess it, and help in its evaluation and benchmarking (by comparison)**

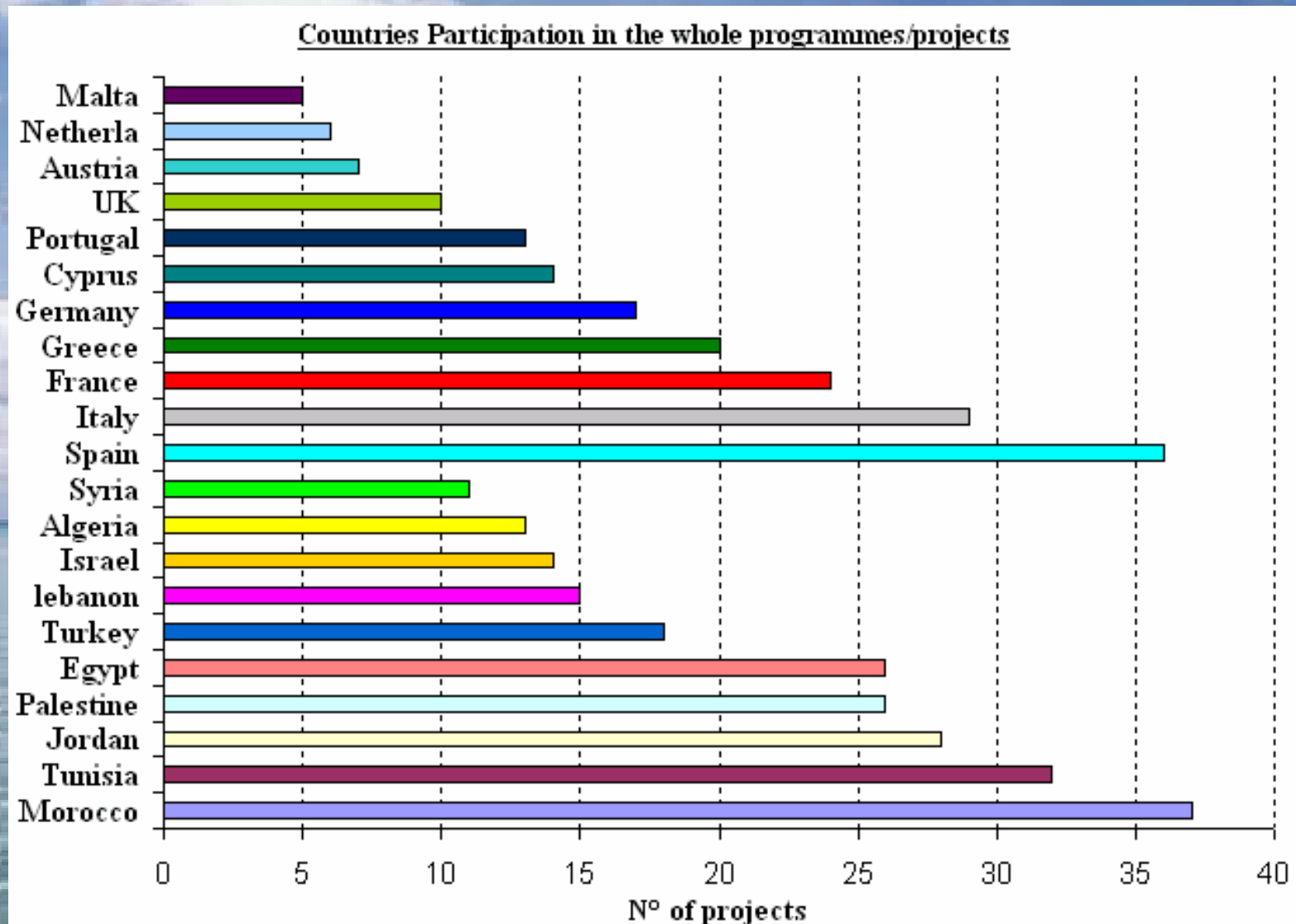
# Analysis by EMWIS themes

## Projects Analysis versus EMWIS themes



- This analysis corroborates the fact that priority themes adopted by EMWIS countries takes center stage in the different programmes.
- EMWIS working groups should take into account the results of the projects that have already tackled the aforementioned themes

# Analysis by countries



# Conclusions

## **EMWIS water projects database and this study will permit:**

- **Giving more visibility to EC progs that fund the water sector in the Euromed region.**
- **Water projects Clearinghouse for decision makers, water users in the Euromed region, and reinforce knowledge and good practices on EMWIS & MEDA-water priority themes tackled by the inventoried projects**
- **Showing the path to water users for future proposals and for decision makers at the EC level and others for next calls for proposals formulation (FP7, water in ENP, etc)**
- **Building at our new WEBSITE the only water projects regional database of its type in the Euromed region** (there are many databases: CORDIS, Medaqua, SMAP RMSU, but are incomplete and/or not exclusively on water projects)
- **Reinforce the cooperation SOUTH-SOUTH and NORTH-SOUTH, and enhance the good practices and the collaboration on technology and knowledge**
- **Foster synergy between different projects and programmes!**

# Perspectives

- **We need YOUR COLLABORATION/VALIDATION to identify other donors and MEDA-NIPs water projects** (we contacted all EC delegations in MPC countries, and we received only the responses of Lebanon & Algeria delegations)
- **The NFPs can upload the projects inventoried at our database and corresponding to their countries in their National website!**
- **Analyse the type of partners in each programme**
- **Get benefit and use results by the Working groups to be built for the 4 priority themes adopted during EMWIS last Steering committee.**
- **The possibility to evaluate of selected projects by means of indicators (LogFrame & benchmarking), to assure the effectiveness, the efficiency, the sustainability, and the impact of these projects, which can help on getting more funds in the future for such actions/projects...**
- **Serve as the reference node for the EC projects involving Euro-Mediterranean countries in the water sector**

**Thank you for your attention!**