



Sustainable Water  
Integrated Management (SWIM) -  
Support Mechanism



Project funded by  
the European Union

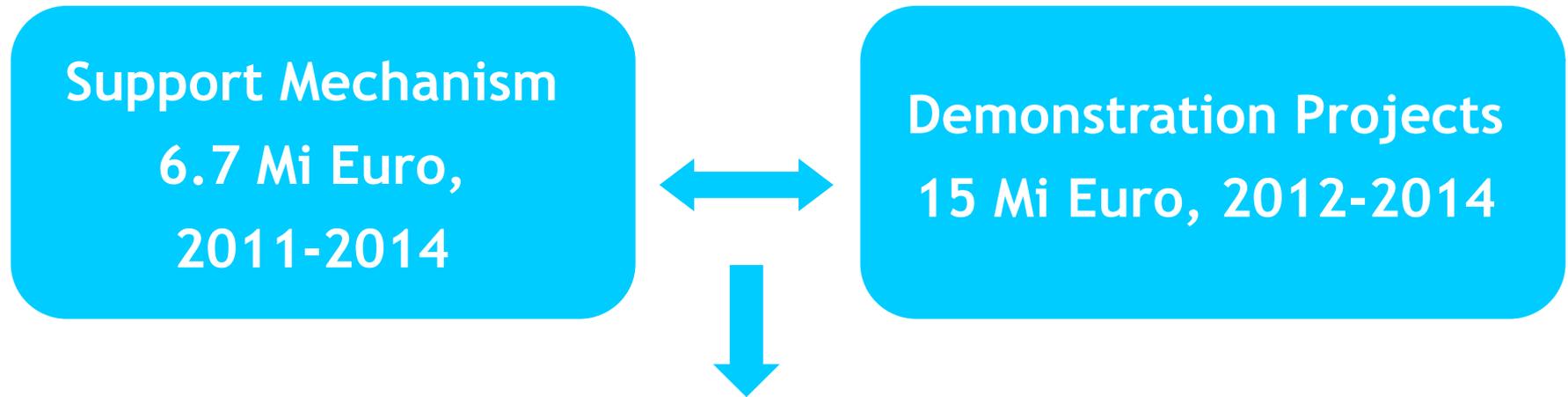
*Water is too precious to waste*

## **AN INTRODUCTION TO THE SWIM PROGRAMME**

*SUB-REGIONAL WORKSHOP ON THE INTERLINKAGES BETWEEN  
IWRM AND ICZM 30 OCTOBER- 1 NOVEMBER, 2012, ALGERIA*

*Presented by: Charbel Rizk Environment Expert SWIM-SM*

# The EC-Funded Sustainable Water Integrated Management (SWIM) Project



## Overall objective:

To promote actively the extensive **dissemination** of sustainable water management policies and practices in the region given the context of increasing water **scarcity**, combined pressure on water resources from a wide range of users and **desertification** processes, in connection with **climate change**.

# The SWIM Program Bridges Partners Countries & EC Initiatives Related to Water & Pollution

## SWIM Partner Countries:

Algeria, Egypt, Israel, Jordan, Lebanon, Morocco, the occupied Palestinian territory, Syria and Tunisia

Sustainable Water Integrated Management (SWIM)

Mediterranean Component of EU Water Initiative (MED EUWI)

UfM Draft Strategy for Water in the Mediterranean (SWM)

Horizon 2020 Initiative to de-pollute the Mediterranean Sea



Dynamic interaction

# SWIM-SM Implementation arrangements

## In the Partners Countries:

- The Ministry of Water/Irrigation as the official counterpart of the Project;
- A National Focal Point officially nominated by the Ministry to be the counterpart of the SWIM-SM technical Team;
- An Environment Liaison Officer nominated by the Ministry of the Environment to ensure synergy with the water activities financed under Horizon 2020 and other regional activities (GEF, MAP etc.).

# SWIM-SM Specific Objectives

- Support PCs in designing and implementing **sustainable water management policies** at the national and local levels, in liaison with existing relevant initiatives in the area;
- Contribute to ensuring **institutional reinforcement** and the development of the necessary planning and management **skills** and facilitate **know how transfer**;
- **Raise awareness** of relevant stakeholders on the imminent threats on water resources, the need to implement more sustainable water consumption models and the adoption of possible solutions to meet existing and forthcoming challenges.

# SWIM Support Mechanism: 6 Work Packages



**Water Governance and Mainstreaming:** Focus on Governance Structures and Mainstreaming Water in Economic Sectors

**Capacity Building:** Focus on Water Institutions, Empowerment and Enhancement of Centers of Expertise

**Water Management Plans' application:** Focus on South-South Exchange of experiences among water intensive sectors

**Identification of good practices and success stories in the region and beyond:** Focus on Lessons Learned in Water Management and De-pollution of the Mediterranean

**Development of a Communication and Awareness Raising Strategy:** Focus on Bottom-Up Approaches Adapted to Regional & National stakeholders Inside and Outside the Water Sectors

**Support the EC with the overall coordination of SWIM:** Focus on technical support of the demonstration projects and strengthening interaction between these & SWIM-SM

# The Inception Phase

## December 2010-August 2011

### Its purpose

- To ensure a swift and effective start of the project;
- To gather information to better address the needs and expectations of the beneficiaries and stakeholders;
- To identify proper sequencing of the activities planned under the project's work packages, and;
- To ensure the establishment of proper cooperation and management mechanisms to facilitate the smooth implementation and ascertain the long-term ownership and sustainability of the project's outcomes

# The Approach

## SWIM-SM Design

- To be demand-driven by responding to the identified needs of the region and the country priorities
- To operate in ways that are iterative, adaptable and flexible at the interface of the six proposed work packages
- To anticipate development in the international arena with regard to climate change and the water-food-energy nexus, particularly in view of Rio+20
- To respond to emerging /challenges and priorities as a result of the recent change in the political scenery of the Region (The Arab Spring)

# Inception Phase

## The Results

- All PCs have shown genuine interest and expressed their commitment in participating actively in the project;
- The work packages provide a useful and appropriate framework that can assist them with the implementation of an integrated water resources management (IWRM) approach for the sustainable use of their country's water resources;
- There is a need “to cut across” these work packages and focus on a set of priority issues that, while serving the implementation of different IWRM components, will avoid dispersion of SWIM-SM efforts and make its overall contribution more effective.

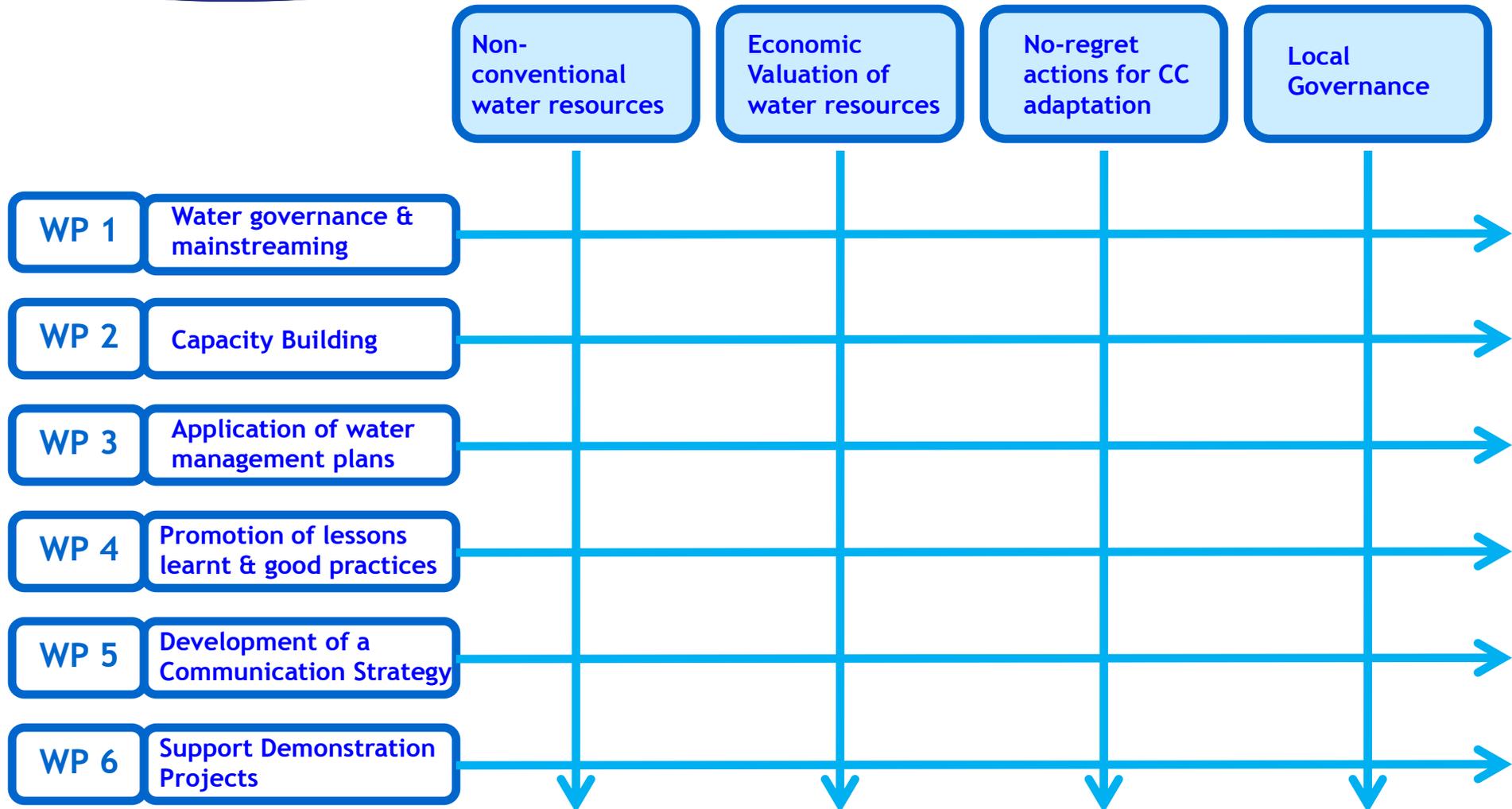
# Inception Phase

## The Four Pillars

- 1- Non Conventional Water Resources
- 2- Economic Valuation of Water Resources
- 3- No Regret Actions for the Adaptation of the Water Sector to Climate Change
- 4- Water Governance at the Local Level: Sharing Experiences from Water Users' Associations

# Inception Phase

## The Pillar Structure



# YEAR ONE (actually 8 month)

- **78 activities**
- **Reports on (you can find on the website):**
  - Desalination,
  - Wastewater treatment and reuse in rural areas,
  - Water User Associations
  - No-regret actions for climate change adaptations
  - State of IWRM implementation in the region
  - Economic valuation of degradation at basin level
- **Trainings on above topics**

# YEAR ONE

- Expert group on desalination
- Support to farmers on the reuse of wastewater in agriculture
- Best practices in NRW and WW reuse
- Media information workshops
- Website [www.swim-sm.eu](http://www.swim-sm.eu)

# FIVE DEMO PROJECTS

- **WADIS MAR** (Water harvesting techniques)
- **IMPROWARE** (groundwater recharge)
- **ACLIMAS** (adaptation to climate change in agriculture)
- **SUSTAIN WATER MED** (wastewater treatment and reuse in rural areas)
- **JORDAN VALEY** (water planning)

مع خالص شكري  
وامتناني

Thank you  
for your attention

Merci pour  
votre attention



*For additional information please contact:*

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