



**Sustainable Water
Integrated Management (SWIM) -
Support Mechanism**



Project funded by
the European Union

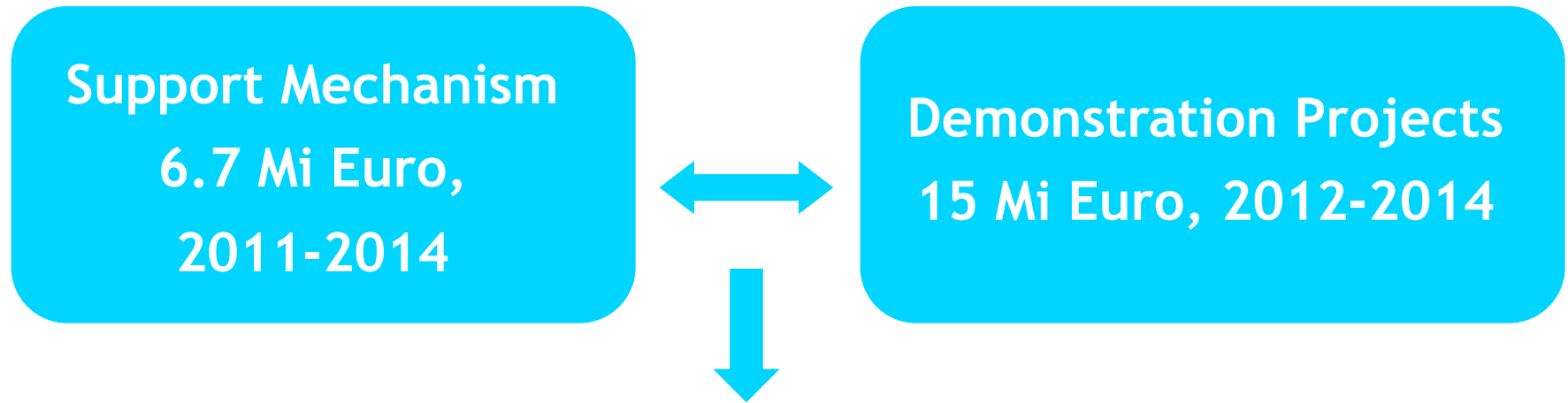
Water is too precious to waste

AN INTRODUCTION TO THE SWIM PROGRAMME

**Strengthening Public Sector Capacity to Mobilize Depollution
Investments and Private Sector Participation
July 3-5, 2013 EIB, Luxembourg**

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 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 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**

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

YEAR TWO

- **Study Tour for investigators and prosecutors**
- **Study Tour for Water Users Associations**
- **Assessment of gaps challenges and barriers to wastewater treatment and reuse with a focus on rural areas and private sector participation**

YEAR TWO

- **National consultations on wastewater strategies in 3 countries**
- **Training on cost modeling for desalination**
- **Support to farmers on using treated wastewater for irrigation from a health perspective**
- **Financing and PSP training (Today)**

YEAR TWO (In preparation relevant to Wastewater treatment and reuse)

- **Online course on natural treatment systems**
- **Study tour to Europe and training on the operation of wastewater treatment plants for urban and rural areas**

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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