



Sustainable Water
Integrated Management (SWIM) -
Support Mechanism



Project funded by
the European Union

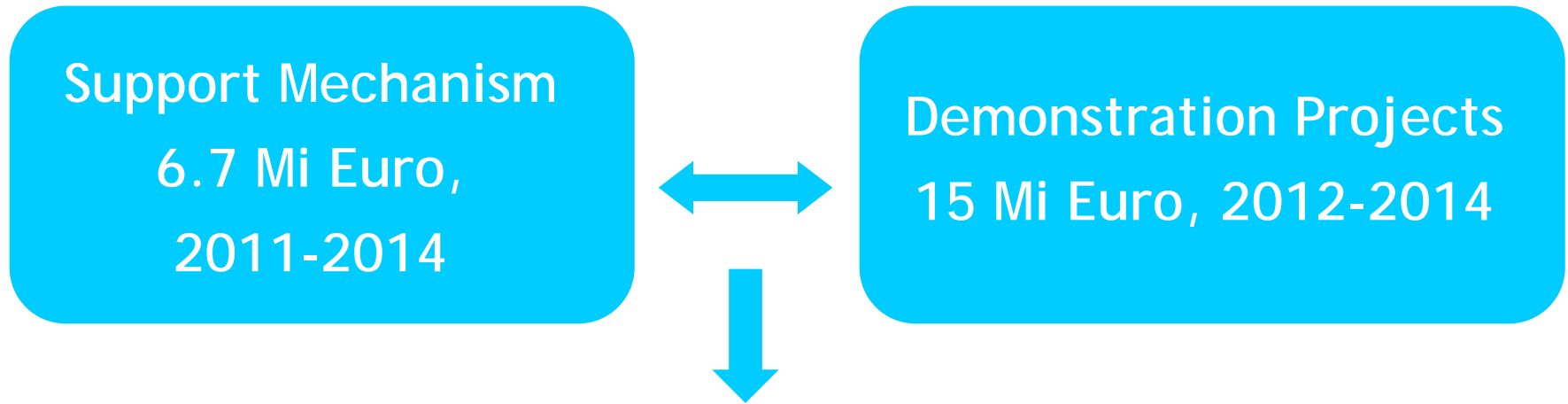
Water is too precious to waste

***Water Financing activities within the Sustainable Water
Integrated Management-Support Mechanism (SWIM-SM)
framework***

4TH BEIRUT WATER WEEK, FEBRUARY 19-21, 2013

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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 Consortium

- Project managed by a consortium (Ministries, agencies, consulting firms, NGOs) led by the engineering firm LDK with the technical directorship of GWP-MED
- The Ministry of Energy and Water of Lebanon is a consortium member represented by Dr. Fadi Comair Director General of Resources.

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.

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 developments** 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)

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

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

YEAR ONE

- Expert group on desalination
- Best practices in NRW and WW reuse
- Media information workshops
- Website www.swim-sm.eu

YEAR TWO

- Continued support on the same pillars with more focused interventions.
- Addition of a strong component related to the enforcement of water related legislation
- Engagement of the private sector

SWIM-SM and the Private Sector

Objective:

Support on improving the coverage of wastewater treatment and reuse with a focus on rural areas and the implication of the private sector in financing water infrastructure particularly for depollution

SWIM-SM and the Private Sector

Based on

- Demand by Partner Countries
- Recommendations by other projects, expert groups and assessments such as the PSP assessment for Lebanon and Egypt

SWIM-SM and the Private Sector

Assessment (activity 1)

Assessment of gaps, barriers and challenges for wastewater treatment and reuse with a focus on rural areas and the implication of the Private Sector

1. A desk review covering all the region
2. In depth assessments in 4 countries: Egypt Lebanon, Palestine, and Tunisia

SWIM-SM and the Private Sector

Capacity development

(Activity 2)

Regional training, in partnership with MeHSIP-PPIF, on the mobilization of depollution investments through IFIs and PSP for the public and private sector

SWIM-SM and the Private Sector

Capacity development

(Activity 3)

Verification of management and financing of depollution investments in partnership with MeHSIP-PPIF

SWIM-SM and the Private Sector

Capacity development

(Activity 4)

2 days training followed by an 8-10 days study tour in European countries on operation, management and upgrading of WWTPs.

SWIM-SM and the Private Sector

Capacity development

(Activity 5)

Online course on the design, building and operation of natural wastewater treatment systems for public sector officials in partnership with UNESCO-IHE

SWIM-SM and the Private Sector

Capacity development

(Activity 6)

Regional conference in Athens, in partnership with MeHSIP-PPIF, to showcase results and create a network for mobilizing depollution.

SWIM-SM and the Private Sector

Preliminary findings in Lebanon further to focused meetings

- Government interest conveyed through the water strategy for Lebanon
- Highly interested banking sector and investors

شكري خالص مع
وامتناني

Thank you
for your attention

Merci pour
votre attention



For additional information please contact:

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