



Sustainable Water  
Integrated Management (SWIM) -  
Support Mechanism



Project funded by  
the European Union

*Water is too precious to waste*

## **SWIM-SM ON-GOING ACTIVITIES AND NEW WORK PLAN**

**3<sup>rd</sup> SWIM Coordination Meeting  
Brussels, 11 November 2013.**

# OBJECTIVES OF THE POWER POINT

1. To review activities proposed to the SC-3 for implementation of 2014 work-plan of relevance to SWIM-DEMOS.
2. To identify areas for synergy and collaboration between SWIM-SM & SWIM-Demo projects on relevant issues.

# APPROACH FOR DESIGNING THE 2014 WORK PLAN

1. In preparation for the 2014 work plan, the SWIM team held a 2 days brainstorming session in Athens followed by one day meeting with EC team in Brussels concentrating on issues & requests raised during the second year of implementation & assessed the needs & issues to be tackled.
2. SWIM-SM will address priority water issues intensively rather than extensively with a special focus on activities that can trigger the interest and be further pursued by relevant water programs in the Region.



# **SUGGESTED ACTIVITIES FOR 2014**

# Pillar 1: IWRM and Water Governance

## Activity 1.2.8.4: Test the applicability of the M&E system for WUAs.

### Objectives:

1. Design & implement a regional M&E system & customize it to suit the local conditions in two pilot areas.
2. Enable WUAs in two pilot areas to examine & explore the applicability of the M&E system and apply it.
3. Document the approach & the lessons learnt during implementation for potential replication in other countries.

# Pillar 1: IWRM and Water Governance (continued)

**Activity 1.2.7:** Assessment of institutional and legislative capacities for the prosecutions of non-compliance with water and environment legislations in three selected countries.

**Objective:**

- to assess the current institutional and legislative capacity in selected countries for the prosecution of noncompliance with water and environment legislations.

# POTENTIAL AREAS FOR SYNERGY WITH SWIM-DEMO

1. One of **WADIS-MAR** plans is to promote an integrated, sustainable and participative water harvesting and efficient farming systems and the use of more stress-tolerant crops”. The Action’s **community-based approach** is designed to empower local communities to take responsibility for the sustainable management of their local natural resources.
2. One of **ACLIMAS** specific objectives is to **To train local farmers and growers** on the application & implementation of water management practices and conservation techniques.

### **Activity 1.3.4.3**

## **A STUDY ON THE LEGISLATIVE FRAMEWORK REGULATING THE RECHARGE OF AQUIFERS WITH ADEQUATELY TREATED WASTEWATER**

- The main objective of this activity is to develop a regulatory framework for the use of wastewater in the artificial recharge of aquifers including the development of guidelines and review of best practices.



# POTENTIAL AREAS FOR SYNERGY WITH SWIM-DEMO

- **SWIM-IMPROWARE's** main objective is to demonstrate & promote environmentally sustainable water management policies & practices in Egypt & Tunisia, with focus on wastewater treatment activities directed to produce water of appropriate quality levels for its **successive re-injection into coastal aquifers.**

## Pillar 2: Economic valuation & financing

- **Activity 1.2.9: Stakeholders mapping and capacity needs assessment of the private sector.**
- **Objective:** To map stakeholders, mainly from the local private sector, who have an interest in investing in pollution reduction infrastructure and to understand their capacity needs in order to elaborate a capacity development program.
- **The expected output:** Local stakeholder map of the private sector interested in PPPs in pollution reduction infrastructure including a capacity needs assessment.

## Pillar 2: Economic valuation of water resources & financing (continued)

- **Activity 2.2.13**: To convene a workshop for building the capacity of the public sector & private insurance sector in identifying, assessing & managing risk in PPP.
- **Objective**: To build the capacity of the public sector & the local insurance sector in identifying, assessing & managing risk in PPPs for environmental infrastructure (including WWTP).
- **Expected output**: Public sector & local private insurance companies understand the risks & how to potentially cover them through the involvement of insurance companies.

# POTENTIAL SYNERGY WITH SWIM-DEMO

1. **SWIM-IMPROWARE's** main objective is to demonstrate & promote environmentally sustainable water management policies & practices in Egypt & Tunisia, with focus on wastewater treatment activities directed to produce water of appropriate quality levels for its successive re-injection into coastal aquifers.
2. **SWIM-Sustain Water Med**: Implemented in Egypt, Jordan, Morocco & Tunisia with the objective to improve sustainable integrated management of non-conventional water resources, with emphasis on wastewater treatment and reuse.

## PILLAR 3: NON-CONVENTIONAL WATER RESOURCES.

### ASSESSMENT OF POTENTIAL CUMULATIVE ENVIRONMENTAL IMPACTS OF MEGA DESALINATION PLANTS AROUND THE MED (DEFERRED FROM 2013)

- **Objective:** To survey existing & planned mega desalination projects around the Med basin with the view of assessing the potential cumulative environmental impacts on the near-shore marine environment.
  1. Conduct an inventory of the currently operating mega desalination plants including the technical details such as the technology, production capacity, pre-treatment, etc.
  2. Assess the brine discharge in terms of volume, pollution load, physical & chemical characteristics, etc.
  3. Project the cumulative impacts of brine discharge & air emissions on the marine ecosystem; pollutants fate, transformation & transport; & potential impacts on bio-diversity using different scenarios.

- **Activity 3.2.4**: To convene a high-level techno-political policy dialogue in Brussels (TBC) to debate the prospects of desalination on the Mediterranean Sea.
- **Objectives**: To reach a consensus by convening a high-level techno-political policy dialogue in Brussels (TBC) to debate the prospects of desalination around the Mediterranean Sea basin in light of expert's opinion on potential cumulative environmental impacts of seawater desalination.

# POTENTIAL SYNERGY WITH SWIM-DEMO

- The SWIM-Jordan River Demonstration Project expressed interest in the subject in 2012.

## Pillar 4: Drought & flood management as no-regret action towards CC (To be completed)

**Overarching objective:** Is to support SWIM-SM PCs in developing specific drought & flood policies & plans within their long-term sustainable management of water resources.

### **Specific objectives:**

1. To assess drought & flood frequency of occurrence & identify the sectors affected the most;
2. To enhance the understanding & awareness of drought & flood in SWIM-SM PCs as an increasing hazard & their potential environmental & socio-economic impacts.
3. To develop specific drought & flood policies & contingency plans with the aim of enhancing preparedness (**to move from from crisis management to risk management**).



# POTENTIAL AREAS FOR SYNERGY WITH SWIM-DEMO

1. SWIM-ACLIMAS is implemented in Egypt, Jordan, Lebanon, Morocco, Tunisia & Syria with the objective to bring a durable improvement of the agricultural water management & a broader socio-economic development of target areas in the context of adaptation to CC, increasing water scarcity and desertification risks.
2. SWIM - WADIS-MAR objective is to improve the living conditions of rural populations in arid areas of the Maghreb region (Algeria and Tunisia). the project aims to contribute to an integrated, sustainable & participative water harvesting and agriculture management with a view to promote adaptation to CC conditions and particularly droughts.



**POTENTIAL AREAS FOR SYNERGY  
IN 2014 IN RELATION TO SWIM  
COMMUNICATION & VISIBILITY**

1. Regular and timely up-date of the SWIM website with activities undertaken by both (SM + DEMO) components.
  2. Wide diffusion of information about the Program's activities via the quarterly News Flash and the monthly e-mail alert.
  3. Regular update of the Media Kit with Demos' activities
- It requires an effective/regular coordination between SM & the Demos, which is already happening. It is proposed to promote a monthly update (in the form of a bulletin?) about on-going & planned activities. This would also enable to build additional synergies & complementarities.

4. Wide diffusion of promotional materials (brochure + short video) to relevant stakeholders of SM & Demos. This is already on-going and can be further promoted. A corrigenda document for the brochure will be produced soon to describe the changes in target areas & activities following the political changes in the region.
- 5 Regular up-date of SWIM stakeholders' database (media, NGOs, MPs, others) with new information gathered from both components.

6. Development of a guide on how to communicate & disseminate (including the production of video clips) water activities / projects in the framework of the SWIM Program.
7. Preparation of the 2<sup>nd</sup> SWIM Video, to describe the results of the DEMO projects.
8. Preparation & distribution, at the end of the SM Program, of a flash memory (or similar) with all materials contained in the SWIM website(s)

*Thank you  
for your kind attention*

مع خالص شكري  
وامتناني

*Merci pour  
votre attention*

*For additional information please contact:*

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