

SWIM – Sustain Water MED

FACTSHEET



Sustainable Water Integrated Management Programme (SWIM) Sustain Water MED

Network of demonstration activities for sustainable integrated wastewater treatment and reuse in the Mediterranean.

The Project

The SWIM-Sustain Water MED project is funded by the EU and the German Federal Ministry of Economic Cooperation and Development. It is one of five demonstration projects within the SWIM umbrella¹ and addresses sustainable wastewater and sanitation management in the MENA region. The project is implemented in a period of 3 years from 2012-2014 by a consortium of 8 project partners with the GIZ Jordan in the lead. It operates in four countries, implementing demonstration projects in Morocco, Tunisia, Egypt and Jordan. Each of the demonstration projects addresses a different aspect pertaining to wastewater treatment and reuse as well as rainwater management.

Goal:

Contribute to the sustainable integrated management of non-conventional water resources in the southern Mediterranean region.

¹ Sustainable Water Integrated Management Programme (SWIM), a Regional Technical Assistance Program funded by the European Commission. <http://www.swim-sm.eu/>

Specific Objective:

DEMONSTRATE

Effective and cost-efficient wastewater treatment and reuse technologies through pilot projects.

ASSESS

Environmental and socio-economic impacts and translate these into policy recommendations.

TRAIN

Policy-makers and targeted water users in the management, operation and maintenance of these technologies.

REACH OUT

To water users through targeted events and information centers.

REPLICATE

Through regional networking and benchmarking as well as policy advice.

Approach: Demonstration Projects

In Morocco, the project is implementing a comprehensive strategy for eco-sanitation and rainwater management, demonstrating the benefits of locally adapted technologies.



Technology: Source separation, decentralized treatment, effective reuse of sanitary by-products, rainwater management.

Beneficiary / Location: The village of Ait Idir, in the Souss-Massa-Drâa region in the south of Morocco.

Implementing Partner: National Water Agency of the Souss-Massa-Drâa region (ABH SMD).

In Tunisia, the project is implementing a wastewater quality surveillance system as well as an accompanying governance structure between water users and providers, in order to promote the safe usage of treated wastewater for agricultural purposes.



Beneficiary/Location: The local wastewater authority and surrounding farmers of the Ouljet El Khoder wastewater treatment plant in Medenine, in southeastern Tunisia.

Implementing Partner: The National Sanitation Utility (ONAS), General Direction for Rural Engineering and Water Exploitation (DGGREE).

In Egypt, the project is establishing a decentralized wastewater treatment unit and reuse plan at village level in a rural area.



Technology: To be defined.

Beneficiary/Location: Village in the Ismailia Governorate (northeast Egypt).

Implementing Partner: Holding Company for Water and Wastewater (HCWW).

In Jordan, the project is establishing a decentralized wastewater treatment unit and reuse plan at a building level in a semi-urban area.



Technology: The Sequencing Batch Reactor (SBR)

Beneficiary/Location: Head Quarter of the Public Security Directorate (PSD) near Amman

Implementing Partner: AL-Balqa Applied University (BAU), International Union for the Conservation of Nature (IUCN), Water Authority of Jordan (WAJ).

Regional Level:

In order to enable a mutual learning process as well as the comparison of best practices, the project will establish a regional benchmarking and networking system, including the following activities and deliverables:

- A common framework for baseline assessments as well as socio-economic and environmental impact assessments.
- A compendium that provides information on the pilot projects (from planning to evaluation) as well as general lessons learned.
- A website with regular updates on events and project progress. <http://swim-sustain-water.eu>
- Regional knowledge exchange meetings, including site visits.
- Regional training courses for relevant policy-makers as well as representatives from related civil society organizations and academia.

Implementing Partners: Adelphi Research gGmbH, Italian National Agency for New Technologies, Energy and Sustainable Economic Development, German International Cooperation (GIZ) based in Jordan.

Consortium Partners at a glance:



Contact
Dr. Ismail Al Baz
SWIM Sustain Water MED
Senior Project Manager

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
P.O.Box 92 62 38
Mohamed Bassem Al - Khamash Str.13
11190 Amman, Jordan

T +962 6 586 8090 ext. 109
F +962 6 586 8090 ext. 101
M +962 (0) 795 668819
E ismail.albaz@giz.de
W www.giz.de