

SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

SWIM-H2020 SM EFS-EG-1 & 2

SWIM-H2020 SM Water Component: Egypt Work Programme

Presented by:

Dr. Maggie KOSSIDA, SWIM-H2020 SM NKE

Closing Workshop on “water demand management, planning and infrastructure development”

22nd January 2018, Cairo, Egypt

This Project is funded by the European Union



SWIM-H2020 SM Expert Facility:

Water Component - 2 activities in Egypt (merged in 1 ToR)

EFS-EG-1: Improved Watershed Management (decentralized level), local governance and capacity building

Description of the activity	Status	%
<p>Overall: Contribute to the development of the Governorate Water Resources Management Plans</p> <ol style="list-style-type: none"> 1. Develop a common typology/ classification and guidelines for estimating, monitoring & reporting water uses at the decentralized level. 2. Calculation of the water balance and unmet demand in 2 pilot Governorates, and organization of a GIS database. 3. Options to reduce unmet demand in the domestic sector, as input to the Governorate Water Resources Management Plans (2 pilots) - participatory (2 Consultation Workshops). 4. Training Workshops (2) on planning and infrastructure development. 5. Training workshop in a third Governorate (to be selected), for sharing of experience gained. 	<ol style="list-style-type: none"> 1. A Manual on Water Use (typology, definitions, methodologies for estimating water use, guidelines for monitoring, reporting and assessment of water uses, etc.) is under finalization. <i>Presented on 22/01/2019 in the Closing Workshop.</i> 2. Due to data availability issues in the 2 pilot Governorates, guidelines for the calculation of the water balance and estimation of unmet have been prepared instead. The work is under finalization. <i>Presented on 22/01/2019 in the Closing Workshop.</i> 3. A background note on options to reduce unmet demand in the domestic sector, and relevant steps is under finalization 4. Planned for 22/01/2019 in Cairo. 5. Cancelled 	80%

SWIM-H2020 SM Expert Facility:

Water Component - 2 activities in Egypt (merged in 1 ToR)

EFS-EG-2: Drought and Water Scarcity Risk Management

Description of the activity	Status	%
<p>Capacity building on methods of water conservation and efficiency supporting water demand management:</p> <ul style="list-style-type: none"> - Develop a training compendium addressing pertinent stakeholders - Conduct two (2) Training Workshop in Menofia and Red Sea pilot Governorates 	<p>The training compendium is finalized, including the following modules:</p> <ul style="list-style-type: none"> ▪ Water conservation and water use efficiency technologies and practices in buildings (residential, commercial, hotels, etc.) ▪ Water conservation and water use efficiency technologies and practices in industries ▪ Instruments, tools and calculators for water conservation and efficiency. <p>A training session was held in the CWW (on 16/10/2018), and an additional one will be held on 23/01/2019 (with the collaboration of the FEI)</p>	100%

SWIM-H2020 SM Regional Activities:

Water Component - **11** activities in Egypt

Code	Activity	Description	Participants
REG-4	Regulatory and organizational issues of decentralized water management , dealing also with drafting and implementation of management plans at sub-national level and the role/importance of Information Management in Water Resources Planning and Management at the local level	The stakeholders were introduced to the concepts and approaches of the Water Framework Directive as an instrument applied in Europe to promote decentralized water management (DcWM). Dialogue and exchanges.	4
REG-5		The stakeholders were introduced to the (a) basic principles of public participation and effective public engagement processes; (b) the data requirements for River Basin Management Plan (RBMP) ; and (c) the concept of groundwater bodies as unit for water management and protection at the local level.	5
ST-5		Through the study tour , the participants were able to learn from the experience of the public institutions in Austria , which offer good examples on decentralized water management. Inside view on the tasks of various water managing institutions in implementing surface and groundwater quality protections measures in agricultural areas, decentralised water supply and wastewater treatment in rural areas of Austria.	5

SWIM-H2020 SM Regional Activities:

Water Component - **11** activities in Egypt

Code	Activity	Description	Participants
REG-6	Different technical and regulatory aspects of Drought Risk Management	The stakeholders were introduced to the concepts of proactive Drought Risk Management (DRM) and DRM mainstreaming and were engaged in the design of further regional activities under the same topic.	4
REG-7	Regional Training on Drought Risk Analysis and Mapping	The stakeholders were introduced to different types of drought indicators , and improved their technical capacity on the development and analysis of indicators (in support of decision-making) and drought risk mapping.	5
ST-6		The stakeholders were introduced to good practices / measures for drought risk management in the Segura River Basin in Spain.	5
		An Egyptian expert (peer) is participating in technical exchanges focused on the monitoring and mapping of drought risk with three other Tunisian, Jordanian and Palestinian peers and a Greek expert. Critical issues and points common to all counterpart countries have recently been agreed, with emphasis on the institutional aspects of drought monitoring and management, based on the experience of Greece.	1
P2P-9			
WEB-4		Webinar on monitoring and mapping of drought risks involving the peer designated by Egypt.	1

SWIM-H2020 SM Regional Activities:

Water Component - 11 activities in Egypt

Code	Activity	Description	Participants
P2P-7	Groundwater zone protection and groundwater body delineation	1 Specialised expert (Peer) from Egypt is participating in technical exchanges on Groundwater zone protection and groundwater body delineation with another peer from Palestine and a specialised expert from Austria. The technical exchange focuses on the principles for groundwater protection against pollution based on existing guidance documents and experiences with the European Water Framework Directive 2000/60/EU (WFD) and the Groundwater Directive 2006/118/EU (GWD).	1
REG-8	Regional Training on Technical, Regulatory and Cultural aspects of Treated Wastewater Reuse	Reinforced knowledge on the guidelines and standards to be applied to ensure safe reuse in the different types of use Increased competence in governance arrangements for the wastewater reuse sub-sector through, e.g. options for covering investment and operating costs, institutional arrangements, public-private partnerships, etc.	4
REG-11	Reviewing good governance schemes with emphasis on the implementation and enforcement of legislation , needed regulatory reforms and introduction of appropriate incentives	Participants gained a better understanding of the key principles, elements and benefits of good governance, with a focus on the regulatory framework . They have been familiarised with approaches and methods for effective policy design, monitoring and evaluation, including the DPSIR framework (Drivers, Pressure, Status, Impact and Response), Strategic Environmental Assessment (SEA) and environmental audit.	4

SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

Thank you !

Dr. Maggie KOSSIDA, maggie@ldksa.gr

This Project is funded by the European Union

