

SWIM Demonstration Projects – On-going activities

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Project	Activity	When?	SWIM Partner Countries involved
SWIM-IMPROWARE	Technical missions in the target area: hydrological investigations and geophysical campaigns	November 2013 – January 2014	Egypt
SWIM-IMPROWARE	E-Learning programme including the following three training modules: <ol style="list-style-type: none"> 1. Legislative Framework on Water Resources Management 2. Socio-economic Impacts of Wastewater Treatment Using Natural Systems and Related Industrial Application and Development 3. Scientific and Technical Aspects of Water Resources Management 	February-March 2014	Egypt, Tunisia
SWIM-IMPROWARE	Second Focus group aimed to identify solutions to improve transparency concerning the treatment of public water and discuss the state of the art of Sustainable Water Integrated Management in Tunisia.	27 December 2013	Tunisia
SWIM-IMPROWARE	Stakeholders' workshop on water management in Egypt.	22 December 2013	Egypt
SWIM-IMPROWARE	Project design of the constructed wetland in Nobarya and publication of tender documents for its realization. Evaluation of the received offers in January 2014.	December 2013	Egypt
SWIM- ACLIMAS	Field day on the promotion of cereals products from Bekaa Valley	3 December 2013	Lebanon
SWIM- ACLIMAS	Sowing activities in all demonstration sites	November - December	Algeria, Egypt, Jordan, Lebanon, Morocco and Tunisia
SWIM- ACLIMAS	Two field days in Lebanon in Shaat village and in Baalbeck addressed to farmers living in the target areas to discuss: a) Conservation tillage versus conventional tillage, b) Weed management in conservation tillage, c) New wheat and barley	11-12 November 2013	Lebanon

	varieties, d) Climate change impact on crop production.		
SWIM- IMPROWARE	Technical Surveys in the demonstration sites	October - December 2013	Egypt, Tunisia
SWIM- IMPROWARE	Stakeholders' analysis to prepare the communication campaign structure and assess the target group and multipliers effects.	October – December 2013	Egypt, Tunisia
SWIM-Sustain Water MED	Field mission to the target area in Tunisia and meeting with the target group (farmers and local authorities responsible for wastewater quality monitoring) to present and discuss the results of the Baseline Study. Based on a thorough socio-economic, legal, environmental and health assessment the study concludes that the pilot project in the area irrigated by the Ouljet El Khodher Wastewater Treatment Plant in the Medenine Governorate should concentrate on strengthening the local water user association, improving the coordination mechanisms of local authorities responsible for wastewater quality monitoring as well as general capacity building through the provision of laboratory equipment and additional sand filter as well as targeted training courses.	December 2013	Tunisia
SWIM-Sustain Water MED	Bi-annual Regional Coordination Meeting	5-6 December 2013	Egypt, Jordan, Morocco, Tunisia
SWIM – WADIS- MAR	Steering Committee Meeting	2 December 2013	Tunisia
SWIM-Sustain Water MED	Jordanian Steering Committee Meeting on the 'Progress of the Construction Work' of the decentralized wastewater treatment plant at the Public Security Directorate in Moqablane	last week of November	Jordan
SWIM-Sustain Water MED	2nd Regional Training Course to provide participants representing relevant public and private organizations with the theoretical and technical knowledge on the principles, diverse technologies and benefits of Decentralized Wastewater Treatment and Reuse as a key component of Integrated Water Resources Management Read the article related to this event	3-7 November 2013	Egypt, Jordan, Morocco, Tunisia
SWIM -	First focus group with local stakeholders from the demonstration site of Korba to	3 October	Tunisia

IMPROWARE	collect information on the point of view of Stakeholders about the Governance of the Water Cycle in the area and the appropriate communication strategy to implement	2013	
SWIM - IMPROWARE	Design of baffles in the maturation ponds of the wastewater treatment plant in Korba in order to improve the distribution of residence time	October 2013	Tunisia
SWIM-Sustain Water MED	Field mission to the target area in Egypt (Ismailia Governorate) and meeting with the village representatives to present and discuss the results of the Baseline Study. The study outlines socio-economic, legal, health and environmental factors relevant for the implementation of the decentralized wastewater treatment plant in Al Gezayra village (ca. 1000 inhabitants) and after carefully assessing not only villagers' attitudes and readiness towards the pilot activity but all of the other above factors as well, the study concludes that the best technology to be applied is an anaerobic biogas production-digestion unit accompanied by a polishing step in order to enable the reuse of the effluents for the agricultural production of non-freshly eaten crops. The construction work is foreseen for the 2nd and 3rd quarter of 2014.	October 2013	Egypt
SWIM – WADIS-MAR	Short videos describing the agronomic activities in the target sites	October 2013	Algeria, Tunisia
SWIM – WADIS-MAR	<p>Informative Technical Sheets describing the four target sites in Tunisia and the type of interventions planned in the framework of the project (can be downloaded in English):</p> <ul style="list-style-type: none"> ➤ Bedoui – Informative Technical Sheet ➤ Megarine - Informative Technical Sheet ➤ Ksar el Hallouf- Informative Technical Sheet ➤ Chaabet El Anaz- Informative Technical Sheet 	October 2013	Tunisia
SWIM-Sustain Water MED	Workshop to inform the project's beneficiaries in the rural village of Ait Idir in the Souss-Massa and Draa region of the results of the baseline assessment previously carried out. The pilot project in this rural community will foresee the construction and application of technologies to convert human excreta into nutrients for their reuse in agriculture or for the production of biogas. These "ECOSAN" interventions will contribute to the reduction of health risks related to sanitation, reduce the consumption of freshwater, reduce the contamination of	September 2013	Morocco

	ground and surface water and give a value to the nutrients found in waste		
SWIM-Sustain Water MED	Start of the construction work of the decentralized wastewater treatment plant in Jordan will start in late August. The plant will benefit the new Head Quarters of the Public Security Directorate and demonstrate an effective and cost-efficient way of treating and reusing wastewater at a building level in a semi-urban area	August 2013 (starts)	Jordan
SWIM-IMPROWARE	Stakeholders' analysis in Egypt and Tunisia and organisation of two focus groups with the identified stakeholders	August-September 2013	Egypt, Tunisia
SWIM-IMPROWARE	Preparation of a plan detailing additional potential activities (according to future decisions of the Egyptian Security) for the hydrogeological characterization of aquifers in Wadi El-Natron area using geophysical methods	August-September 2013	Egypt
SWIM-IMPROWARE	Investigation of the Wadi El-Natron area in terms of capability of the geophysical methods in mapping the groundwater system specifically in the areas where the information of the groundwater system is to be improved	August-September 2013	Egypt
SWIM-IMPROWARE	Sketch of the GIS structure for the Wadi El-Natron area	August-September 2013	Egypt
SWIM-IMPROWARE	Finalisation of the GIS for the Korba site (Tunisia) and its upload on the project's website;	August-September 2013	Tunisia
SWIM-IMPROWARE	Site characterization strategy for the Nubaryia Wadi El-Natron area (Egypt) that will take into account technical aims and economical project constraints;	August-September 2013	Egypt
SWIM-IMPROWARE	Missions and meetings with relevant stakeholders in Tunisia and Egypt (as far as the general conditions of the countries will allow them) with the aim to finalise the tender processes for the upgrade of the Korba (Tunisia) wastewater treatment plant and the Nubariya (Egypt) wastewater treatment plant and constructed wetland;	August-September 2013	Egypt, Tunisia
SWIM-ACLIMAS	Video about Canola cultivation in Morocco		Morocco
SWIM-ACLIMAS	Video about the training on 'Climate Smart Agriculture'		Lebanon
SWIM-ACLIMAS	Interview with farmers after the first year of implementation of ACLIMAS best management practices in Settat area (Morocco)		Morocco
SWIM-IMPROWARE	Technical mission in Egypt and Tunisia to agree with the local Partners the strategies necessary for the acquisition of any needed further information/data	July 2013	Egypt, Tunisia

SWIM- IMPROWARE	Capacity building activities for the local Development Authority Officers of Nubariya (Egypt) and for relevant Authorities in Korba (Tunisia) in interviewing local stakeholders to understand their needs and expectations regarding the pilot activities and reporting interview results	June/July 2013	Egypt, Tunisia
SWIM- IMPROWARE	Processing of data related to the hydrologic/hydrogeologic system description in the two study sites (Nubariya Wadi Al-Natron, Egypt and Korba, Tunisia) and set up of a GIS archive	June 2013	Egypt, Tunisia
SWIM- IMPROWARE	Design of the upgrading project for Nubariya Water Treatment Plant	June 2013	Egypt
SWIM – Sustain Water MED	Selection of a qualified company to design and construct a wastewater treatment plant based on the sequencing batch reactor (SBR) technology that is going to serve the Public Security Directorate (PSD) campus in the Mugablane area (near the City of Amman, Jordan) with 150 m3 treated wastewater to be reused for irrigation purposes	June 2013	Jordan
SWIM-ACLIMAS	Field Day on the first year results of ACLIMAS demonstration activities	18 June 2013	Lebanon
SWIM – Sustain Water MED	Organisation of a Jordanian Stakeholder Consultation Workshop	12 June 2013	Jordan
SWIM – Sustain Water MED	Organisation of the Jordanian National Steering Committee meeting of the project	13 June 2013	Jordan
SWIM – Sustain Water MED	Organisation of the 1st Regional Training Course on Eco-Sanitation	24 - 28 June 2013	Egypt, Jordan, Morocco, Tunisia
SWIM-ACLIMAS	Training Course on Conservation Agriculture	15-17 May 2013	Jordan
SWIM – WADIS- MAR	A Public Participatory GIS (PPGIS) workshop in Medenine involving beneficiary farmers of the identified micro-catchments and other stakeholders (representatives of local authorities, researchers, professionals, representative of civil society, NGO)	13 June 2013	Tunisie
SWIM – WADIS- MAR	Preparation of a questionnaire to be compiled by farmers in Algeria and Tunisia within the Public Participatory GIS (PPGIS) and agronomic activities to identify socioeconomic characteristics, farming practices and farmers' perceived environmental and climate change impacts.		Algeria, Tunisia
SWIM – WADIS- MAR	Preparation of a tentative hydrogeological and agricultural intervention plan. 3 micro-catchments of Oum Zessour watershed have been defined for		Tunisia

	intervention: Chaabet El Anaz site (up-stream area), Loudayette site (mid-stream area), Oued Moussa site (Down-stream area)		
SWIM – WADIS-MAR	Field visits to: 1) make short interviews and briefings with selected local beneficiaries (farmers); 2) collect salinized soils samples for hyperspectral remote sensing analysis		Tunisia
SWIM – WADIS-MAR	Technical meetings and field visits in Biskra to perform a water sampling campaign; make new hydrogeological surveys and a video of possible identified intervention sites; define an agronomic intervention plan in synergy with the local agricultural extension agency ITDAS.	10-17 May 2013	Algeria
SWIM-ACLIMAS	Presentation of the performance of introduced varieties and management practices to farmers, extension agents, researches and decision makers	14 May 2013	Jordan
SWIM – Sustain Water MED	Organisation of the 2nd Regional Meeting of the Project	13 - 14 May 2013	Egypt, Jordan, Morocco, Tunisia
SWIM – Sustain Water MED	Organisation of a Workshop on Experience and challenges of wastewater treatment and reuse in Jordan and Tunisia	9 May 2013	Jordan and Tunisia
SWIM – WADIS-MAR	Technical meetings and field visits in Medenine with relevant stakeholders to discuss about aquifer artificial recharge solutions, agronomic, Public Participatory GIS (PPGIS) activities and tender procedures	5-10 May 2013	Tunisia
SWIM - ACLIMAS	Training Course on Crop growth modeling under water limited conditions using Aquacrop model in Tunis, Tunisia	24-27 April 2013	Tunisia
SWIM - ACLIMAS	Training Course on Wheat under full-package practices - comparing full-package with conventional practices	23 April 2013	Jordan
SWIM – WADIS-MAR	Three days training on Database and Groundwater Modeling during which participants of Institut des Région Arides - Tunisie (IRA) and Agence nationale des Ressources Hydrauliques – Algerie (ANRH) shared experience with the Système Aquifère du Sahara Septentrional project (SASS) and SASS consultation Mechanism	22-26 April 2013	Algeria, Tunisia
SWIM - ACLIMAS	Training Course on the Use of modern technologies (GIS) for spatial elaboration and analysis of agro-ecological and sustainable management of Mediterranean agricultural systems	16-18 April 2013	Tunisia
SWIM - ACLIMAS	Training Course on Conservation agriculture as an active measure to cope with climate change	1-3 April 2013	Jordan
SWIM - ACLIMAS	Training course on Principles and concepts of Conservation Agriculture	26-28 February	Morocco

		2013	
SWIM - ACLIMAS	Training course on Canopy Sensors	25-27 February 2013	Jordan
SWIM - ACLIMAS	ACLIMAS Protocol for Wheat Phenology Measurements to be used in demonstration/implementation/training activities.		
SWIM - ACLIMAS	ACLIMAS Farmers sheet for monitoring of on-ground implementation		
SWIM - ACLIMAS	ACLIMAS EXCEL-IRR software for the estimation of reference evapotranspiration (with 5 different methods), simulation of soil water balance, irrigation scheduling, estimate of yield (with single and multi Ky approach), water productivity, irrigation costs, product added value, etc.		
SWIM – All Across the Jordan	Drafting of the Inception Report related to the FOEME’s Master Plan for the Jordan River	January - February 2013	Jordan, Palestine Israel,