

The European Union's Regional Programme for the ENPI-South region: Algeria, the Occupied Palestinian territory, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Syria and Tunisia

Sustainable Water Integrated Management - Support Mechanism (SWIM-SM)

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4th Progress Report - Narrative Section

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Report Coverage Page

Project Title:	Sustainable Water Integrated Management – Support Mechanism (SWIM-SM)
Contract Ref. Number:	ENPI/2010/255-560
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The content of this report is the sole responsibility of the consultant and can in no way be taken to reflect the views of the European Union

¹Added as beneficiary country on 27 March 2012

²In May 2011, the EU suspended bilateral cooperation programmes between the EU and the Syrian government under the MEDA/European Neighbourhood Policy Instrument (ENPI). The European Commission has also suspended the participation of Syrian authorities in its regional programmes.



LIST OF ABBREVIATIONS

CDG	Core Desalination Group
COMPSUD	Circle of Mediterranean Parliamentarians for Sustainable Development
DM	Demonstration Projects
EC	European Commission
EU	European Union
ELOs	Environmental Liaison Officers
EMPA / PA of UfM	Euro-Mediterranean Parliamentary Assembly / Parliamentary Assembly of the Union for the Mediterranean
ENPI	European Neighbourhood and Partnership Instrument
FPs	Focal Points
GEF	Global Environment Facility
H2020 CB/MEP	Horizon 2020 Capacity Building /Mediterranean Environment Programme
H2020 MeHSIP-PPIF	Horizon 2020 Mediterranean Hot Spot Investment Programme – Project Preparation and Implementation Facility
IAM Bari	Mediterranean Agronomic Institute of Bari
ICZM	Integrated Coastal Zone Management
IMT	Irrigation Management Transfer
IWRM	Integrated Water Resources Management
KEs	Key Experts
M&E	Monitoring & Evaluation
MED EUWI	Mediterranean Component of the EU Water Initiative
MoMs	Minutes of Meetings
MP	Member of Parliament
NCWR	Non-Conventional Water Resources
NFPs	National Focal Points
NKEs	Non-Key Experts
oPt	occupied Palestinian territory
PIM	Participatory Irrigation Management
PCs	Partner Countries
PSC	Project Steering Committee
PSP	Private Sector Participation
SEIS	Shared Environmental Information System
SWIM-SM	Sustainable Water Integrated Management – Support Mechanism
SWM	Strategy for Water in the Mediterranean
TA	Technical Assistance
ToR	Terms of Reference
ToT	Training of Trainers
WFD	Water Framework Directive
WP(s)	Work Package(s)
WUAs	Water Users Associations



1 PROJECT SYNOPSIS

Project Title	Sustainable Water Integrated Management – Support Mechanism (SWIM-SM)
Contract Ref. Number	ENPI/2010/255-560
Country	Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Syria, Tunisia
Overall objective	To actively promote the extensive dissemination of sustainable water management policies and practices in 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
Specific objectives	<ul style="list-style-type: none">• Raise awareness among the decision-makers and stakeholders in the Partner Countries (PCs) on the imminent threats on water resources, the need to implement more sustainable water consumption models and the adoption of possible solutions to meet the existing and forthcoming challenges;• Support PCs in designing and implementing sustainable water management policies at the national and the local levels, in liaison with existing international initiatives in the area concerned;• Contribute to ensuring institutional reinforcement and the development of the necessary planning and management skills, in line with Horizon 2020 objectives, and facilitate know how transfer.
Input	Technical assistance inputs include <ul style="list-style-type: none">• Team Leader : 880 man-days• Key Expert 2 – Water Expert : 880 man-days• Key Expert 3 – Environmental Expert : 880 man-days• Key Expert 4 – Communications & Consultation Expert: 600 man-days• Non Key Experts: 1480 man-days
Planned Outcomes	<ol style="list-style-type: none">1. Supporting water governance by promoting the integration of sustainable water resources management considerations into national development policies and strategies as appropriate (agriculture, industry, tourism, etc);2. Contributing to empowering water-related institutions and increasing stakeholders' capacities. SWIM-SM target groups include but are not limited to relevant ministries, such as agriculture, environment, industry, tourism and trade, water utilities, River Basin Organisations, municipalities, water users associations, universities, regional and national research centres;3. Assisting with the development and/or implementation of sustainable water management plans, based on the integrated water resources management (IWRM) concept adopted for the EU Water Framework Directive, involving inter-sector dialogue as well as collaboration between stakeholders and incorporating water saving targets, in a number of rural areas and municipalities of the PCs;4. Increasing awareness of decision-makers, stakeholders, and the general public of the water



value and of the continuous depletion of water resources as a consequence of water wastage, climate change, water pollution, demographic pressure and modification of life-styles, particularly in urban areas;

5. Contributing to the identification and dissemination of good practices and state-of-art technologies at national and regional levels;
6. Assisting the EC in ensuring effective and smooth interaction between the two SWIM programme components (SWIM-Support Mechanism and SWIM-Demonstration Mechanism) in order to ensure a concerted overview of activities implemented, create a forum for dialogue and discussion among all the partners involved with a view to sustaining general coherence for the programme over its duration, and finding solutions to common challenges.

**Project start
date**

13 December 2010

**Project
duration**

48 months – ending 12 December 2014



2 REVIEW OF PROJECT PROGRESS

The following section describes the activities implemented during the reporting period (1 March 2013 to 31 August 2013).

2.1 Project Management Arrangements

2.1.1 Management meetings

During this reporting period the Project Team (Key Experts, LDK and GWP-Med representatives) met on 13 and 14 July 2013 in Athens, in order to consider and streamline all the required and emerging issues for the efficient implementation of the project. The discussion included, among others:

- A provisional assessment of the project's progress, especially in view of the 3rd SC Meeting
- The findings of the most recent external evaluation (ROM) and ways to tackle its recommendations
- The intensification of managerial backstopping
- The difficulties to identify and contract junior NKEs
- Possibilities/opportunities to further synergize with fellow projects and other organisations (MEHSIP, UfM, MEDREC, etc)
- Various managerial issues (organisation of events, project's visibility, coordination with demo projects, etc)
- The updated Work Plan for the upcoming reporting period
- Overall planning for the next (and final) implementation year of the project

2.1.2 Meetings with the EC

The core management team met with the EC Programme Coordinator and the responsible DG DEVCO Head of the Unit, 16 July, in Brussels, and discussed:

- The overall progress of the Programme until that day
- The findings of the recent external evaluation
- The vision for the remaining period of implementation
- The work planning until the end of the project
- The preparation of the upcoming Steering Committee Meeting

The relevant Minutes of Meeting reflect all the issues discussed

2.1.3 Weekly teleconference calls

The core management team (including the Project Director, the Technical Director and the Team Leader) participates in weekly teleconference calls. In many cases KEs are invited to these conference calls depending on the need. During these regular calls the following points are raised/covered:

- The individual progress of each activity
- The overall progress of the project
- The outcome(s) of any meetings with Government Officials, FPs/LOs, fellow projects and other organisations, etc.



- Any emerging issues

2.1.4 Monthly Progress Reports/teleconference calls

Since December 2012, the SWIM-SM management team submits at the end of each month a short monthly progress report to the Programme Coordinator (EC), which includes information about:

- The deliverables submitted during the month
- The status of the activities
- The upcoming events during the next 3 months
- Any other issues to be discussed

The key-points of the abovementioned report are being discussed during monthly teleconference calls between the core management team and the Programme Coordinator (EC). The information included in these reports has been assessed as satisfactory and of particular assistance to the Programme Coordinator, as SWIM-SM is a very intensive Service Contract producing various outputs and entailing numerous activities monthly.

2.1.5 Operational synergies and joint activities

1. The 3rd SWIM Demos coordination meeting will be held in Athens, Greece, on the 11th November 2013 and back-to-back with the 3rd SC Meeting of SWIM-SM (12-13 November). The main goals of this meeting are to provide a progress update about the two SWIM components, discuss the collaboration so far, share solutions and lessons learnt and while taking stock of this, explore SWIM's follow up after its completion in 2014. Attention will be attributed to a review of the communications support of SWIM-SM to SWIM-DM and the provision of any additional support from the SM. The Agenda of the meeting has been prepared and shared with the EC.

2. UfMS requested the support of SWIM-SM to develop a technical document that details the criteria and guidelines for assessing regional, sub-regional and trans-national UfM project proposals. In that context: i- A technical request was received by SWIM-SM, ii- SWIM-SM developed a note that described the scope and identified fundamental criteria, iii- A basic framework, guidelines and timeframe were prepared by UfM, iv- the framework and guidelines were further elaborated by SWIM-SM. Implementation was launched in June 2013, discussions with the UfMS advanced and comments on the draft material were exchanged.

3. MEHSIP and SWIM-SM coordinated closely and identified specific common areas for synergy. This effort culminated in the formulation of three joint activities that are being implemented during the 2013 work-plan and include: i)- a targeted capacity building activity on strengthening public sector capacity to mobilise depollution investments and private sector participation (completed, 3-5 July 2013, Luxembourg), ii)- the provision of technical assistance for the verification and documentation of best or bad practices on implementing/operating depollution investments projects (activity 4.1/2/4.8), (under implementation, activity was approved in September 2013) and iii)- a joint regional conference (activity 2.2.8) on taking stock of MESHIP's work and the findings of the two projects' joint activities and upgrading the PSP-related work initiated in Luxembourg (activity scheduled for December 2013 or January 2014)

4. MEDRC and SWIM-SM have jointly coordinated the implementation of activity 2.2.11 on modelling the cost of desalination. A training session was held between 25 and 27 June 2013 in Oman, with great success, while the training manual has been requested by the European Commission to be turned into a simplified abstract that can be disseminated widely.



2.1.6 Coordination with other potential partners

In an effort to ensure complementarity and synergy with other on-going projects, initiatives, programmes and agencies, SWIM-SM team coordinated (via numerous conference calls and bilateral meetings) with partners and potential collaborators with the view to pool resources, share expertise and maximise impacts and outreach. Our team has emphasised from the beginning of the project that SWIM-SM can foster change in the region by focusing on synergies between regional and international stakeholders. Moving to this direction, coordination was achieved with:

- MED-POL to jointly implement the activity “Assessment of potential cumulative environmental impacts of mega desalination plants conglomerating around the Mediterranean and convening of an expert group meeting to verify the results of the assessment”
- GEF MAP UNEP MedPartnership on a range of issues including sharing of information for the assessment and technical assistance on wastewater strategies in Tunisia and Egypt (Activity 1.1.2), the assessment of needs and capacities for private sector participation in Palestine and, more hands-on, on developing the Mediterranean Replication Environmental Strategy. Furthermore, possibilities have been explored on future collaborations on the Joint ICZM/IWRM Planning agenda and on possibilities for jointly raising visibility of SWIM-SM and MedPartnership results at country level thus, advancing dialogue on shared themes and identifying further needs through inter-ministerial committees.
- MED EUWI, through primarily the sharing of regional and national documents serving as background material for SWIM-SM activities [e.g. the assessment and technical assistance on wastewater strategies in Tunisia and Egypt (Activity 1.1.2), activities in Lebanon, Tunisia, Palestine, etc.)
- Blue Plan regarding potential synergies in view of the organisation of the Regional Forum on Water Demand Management in 2014. The First Steering Committee Meeting which SWIM-SM attended took place in Marseilles, France on 8 February 2013 (on the side of other events taking place there).

2.1.7 Mobilisation of Non Key Experts

This reporting period was characterized by involvement of numerous non-key experts in SWIM-SM activities. In an effort to keep a balance between experts having deep knowledge and experience of local circumstances and experts bringing international experience, all events included in this reporting period have engaged both categories of experts. There is serious concern though, as per the involvement of junior non-key experts coming from the region, since sourcing such experts has proven a rather tedious and difficult task (there are very few such experts with tested delivery capacity available in the region). This issue is currently recuperated by engaging more senior non-key experts. This will be reflected in the request from the consulting consortium to the European Commission for a shift from the incidental account (15% as authorized to the EC task manager) to more non-key experts’ days, already discussed with the EC.

All the NKEs engaged during this reporting period together with the allocated man-days and tasks, are presented in the following table. They all submit time sheets and their work is closely monitored by the Team Leader and/or the Key Expert responsible for the specific task. The utilisation of KEs and NKEs is presented in Annex 3.



Name of NKE	Assigned Task / Deliverable	Date of ToR approval	Allocated man-days	Inc. Rep	1st PR	2nd PR	3rd PR	4th PR	Mandays Left
Mr. Yehya Ashrey	Activity 1.1.2 Elaboration of a Wastewater Strategy and/or Action Plan - Egypt, Morocco & Tunisia – NKE Data collection, Egypt	23.7.2012	10				7	3	0
Mr. Khaled Nadifi	Activity 1.1.2 Elaboration of a Wastewater Strategy and/or Action Plan - Egypt, Morocco & Tunisia - NKE Data collection, Morocco	23.7.2012	10			4	5	1	0
Mrs. Sarra Touzi	Activity 1.1.2 Elaboration of a Wastewater Strategy and/or Action Plan - Egypt, Morocco & Tunisia - NKE Data collection, Tunisia.	23.7.2012	10			3	5	2	0
Mr. Michel Soulie	Activity 1.1.2 Elaboration of a Wastewater Strategy and/or Action Plan - Egypt, Morocco & Tunisia. International Consultant	23.7.2012	54				43	11	0
Mr. Marwan Rizhkallan	Activity 1.2.6 Develop regional guidelines on measures for improving compliance with water legislations and assess the available enforcement with water legislations and assess the available enforcement capacity and mechanisms currently practiced in SWIM-SM region to enforce water legislations with focus on 5 SWIM-SM PCs (Lebanon, Morocco, Jordan, Israel, and Egypt). Non Key Expert for Lebanon	19.3.2013	12					12	0
Mrs. Edith Hoedl-Kreuzbauer	Activity 1.2.6 Develop regional guidelines on measures for improving compliance with water legislations and assess the available enforcement with water legislations and assess the available enforcement capacity and mechanisms currently practiced in SWIM-SM region to enforce water legislations with focus on 5 SWIM-SM PCs (Lebanon, Morocco, Jordan, Israel, and Egypt). Main Non Key Expert	25.2.2013	29					29	0
Mrs. Ruba Al-Zu'bi	Activity 1.2.6 Develop regional guidelines on measures for improving compliance with water legislations and assess the available enforcement with water legislations and assess the available enforcement capacity and mechanisms currently practiced in SWIM-SM region to enforce water legislations with focus on 5 SWIM-SM PCs (Lebanon, Morocco, Jordan, Israel, and Egypt). Non Key Expert for Jordan	25.2.2013	12					12	0
Mr. Mohamed Elrawady	Activity 1.2.6 Develop regional guidelines on measures for improving compliance with water legislations and assess the available enforcement with water legislations and assess the available enforcement capacity and mechanisms currently practiced in SWIM-SM region to enforce water legislations with focus on 5 SWIM-SM PCs (Lebanon, Morocco, Jordan, Israel, and Egypt). Non Key Expert for Egypt	25.2.2013	12					12	0
Mr. Mounir Zouggari	Activity 1.2.6 Develop regional guidelines on measures for improving compliance with water legislations and assess the available enforcement with water legislations and assess the available enforcement capacity and mechanisms currently practiced in SWIM-SM region to enforce water legislations with focus on	25.2.2013	12					12	0



	5 SWIM-SM PCs (Lebanon, Morocco, Jordan, Israel, and Egypt). Non Key Expert for Morocco								
Mrs. Avi Slonim	Activity 1.2.6 Develop regional guidelines on measures for improving compliance with water legislations and assess the available enforcement with water legislations and assess the available enforcement capacity and mechanisms currently practiced in SWIM-SM region to enforce water legislations with focus on 5 SWIM-SM PCs (Lebanon, Morocco, Jordan, Israel, and Egypt). Non Key Expert for Israel	25.2.2013	12					12	0
Mr. Juan Antonio Sagardoy	Activity 1.2.8 Develop a comprehensive M&E system for Participatory Irrigation Management (PIM) and Irrigation Management transfer (IMT) Process.	5.2.2013	33					25	8
Mr. Stefano Burchi	Activity 2.2.3.a Develop and execute a capacity development program for water & environment prosecutors and investigators including three day workshop to be followed by 12 days study tours in 3 European countries in collaboration with UNESCO-IHE	21.5.2013	32					32	0
Mr. Juan Antonio Sagardoy	Activity 2.2.4 Convene a 5 days high level study tour to strengthen political commitment to PIM/IMT, in coordination with the State Hydraulics Works (DSI) in Turkey	18.4.2013	17					17	0
Mr. Koussai Quaitashat	Activity 2.2.7 : Sub Regional training event - Strengthening public sector capacity to mobilise depollution investments, Activity 2.2.9 : One specific training - private sector participation: develop the capacity of public sector in mobilizing depollution funds through IFIs and PSP and to build the capacity for private - sector participation. NKE Experience in PPPs and investments especially the financial side	12.6.2013	9					9	0
Mr. Jan Janssen	Activity 2.2.7 : Sub Regional training event - Strengthening public sector capacity to mobilise depollution investments, Activity 2.2.9 : One specific training - private sector participation: develop the capacity of public sector in mobilizing depollution funds through IFIs and PSP and to build the capacity for private sector participation. NKE - Experience in PPPs and investments especially the contractual elements and risk.	12.6.2013	5					5	0
Mrs. Anthi Brouma	Activity 2.2.7 : Sub Regional training event - Strengthening public sector capacity to mobilise depollution investments, and Activity 2.2.9 : One specific training - private sector participation: develop the capacity of public sector in mobilizing depollution funds through IFIs and PSP and to build the capacity for private sector participation. NKE- Experience in the different models of PPP and previous direct experience in PSP.	12.6.2013	5					5	0
Mrs. Sarra Touzi	Activity 2.2.7 : Sub Regional training event - Strengthening public sector capacity to mobilise depollution investments, Activity 2.2.9 : One specific training - private sector participation: develop the capacity of public sector in mobilizing depollution funds through IFIs and PSP and to build the capacity for private sector participation. NKE Experience in the different models of PPP, the enabling	12.6.2013	5					5	0



	environment and project preparation requirements.								
Mr. Djelal Kamel	Activity 3.1.3 Cost/benefit analyses of investments for mitigating water pollution in selected river basins i.e. Seibous River (Algeria), Litani River Basin (Lebanon). NKE Water Specialist for Algeria	28.2.2013	20					17	3
Mr. Sherif Arif	Activity 3.1.3 Cost/benefit analyses of investments for mitigating water pollution in selected river basins, i.e. Seibous River (Algeria), Litani River Basin (Lebanon) NKE on policy and institutional (NKEPI) analysis	5.2.2013	60			1		39	20
Mr. Fadi Doumani	Activity 3.1.3 Cost/benefit analyses of investments for mitigating water pollution in selected river basins, i.e. Seibous River (Algeria), Litani River Basin (Lebanon). NKE on Economic Analysis (NKEEA)	5.2.2013	67					36,5	30,5
Mr. Fadi Doumani	Activity 3.2.3 Participation of the key experts in regional events, ensuring visibility of the project and its activities. Presentation in Regional Water Seminar, Rabat Morocco , June 3-7,2013	26.4.2013 / 1.10.2013	3,5					3,5	0
Mrs. Sarra Touzi	Activity 1.3.3.1 Regional Assessment of past drought & flood episodes and their management in Selected SWIM-SMPCs (Tunisia, Jordan and Palestine), NKE for Tunisia	5.3.2013	23					19	4
Mr. Ayman Rabi	Activity 1.3.3.1 Regional Assessment of past drought & flood episodes and their management in Selected SWIM-SMPCs (Tunisia, Jordan and Palestine), NKE for Palestine	5.3.2013	23					23	0
Mr. Vangelis Constantianos	Activity 4.4.1 SWIM-SM to help UfM in the development of criteria and guidelines for project selection (in relation to updated environmental hotspots) for potential funding.	11.6.2013	41					7	34
Mr Mutaz Taher	Activity 5.2.6 Consultation meetings with responsible for extension services to farmers and/or administrations / cooperatives related to farmers activities to identify the type of messages, materials and activities that could form the awareness raising and communication campaign addressing this target group. NKE for Jordan	26.11.2012	10			4		6	0
Mr. Stefano Burchi	Activity 1.3.4.3 SWIM-SM to develop a study on the legislative framework regulating the recharge of aquifers with adequately treated wastewater	29.08.2013	30						30
	total		690,5	0	15	25	149	355	146,5



Name of NKE	Assigned Task / Deliverable	Date of ToR approval	Allocated man-days	Inc. Rep	1st PR	2nd PR	3rd PR	4th PR	Mandays Left
Junior Experts									
Mrs. Issa Magdy Lamia Imam	Work Package 5: Development of a Communication and Awareness Raising Strategy / Support to SWIM-SM communication activities	16.2.2012 12.12.2012	20				10	4	6
Mrs Annika Zacharia, Mrs Lia Travlou, Mr. John Panayotopoulos, Mrs Elda Kyriakakou, Mr. Stelios Zacharias, Mrs. Caroline Vilos, Mrs Mirella Batzianna, Mr. Silverio Salgado	All activities involving events, workshops, training, etc. / Event coordinators	3.4.2012 & 12.7.2012 & 4.1.2013	220			42	43	77	58
		total	240	0	0	42	53	81	64



2.1.8 Monitoring & Evaluation (M&E)

The monitoring and evaluation of the project’s implementation continued as foreseen during this reporting period and it was conducted utilising the following instruments:

- 1. The Logical Framework is included in this report as Annex 1. The originally suggested performance monitoring indicators (Draft Inception report) for the project’s overall objective and purpose have been adjusted in the final approved version of the Inception report. The rest of the indicators and outputs remain as agreed with the beneficiaries during the SC meeting.
2. The Work Plan for the current year of implementation with a detailed analysis for each period of reporting.
3. Weekly detailed operational implementation plans for each activity assigned to each KE, with tasks, outcomes/indicators, target and deliverables as well as percentage of task/activity completion.
4. Weekly conference calls (every Monday) amongst selected members of the project team, the Team Leader, the Technical Director and the Project Director.
5. Monthly briefing reports to EC.
6. Monthly updating and follow-up conference calls with EC.
7. The current 6-monthly Progress Report.

2.2 Work Packages (WPs) Analysis

The Work Plan for this reporting period was developed and implemented in accordance with best practices in project cycle management and keeping in mind EC guidelines on reporting. To facilitate this, the structure of project activities was monitored and adjusted so as to reflect on the one hand the TOR’s work packages versus the four thematic pillars (to the extent possible), while on the other hand to facilitate future reporting against planned results.

2.2.1 Project Management and Backstopping

Table with 2 columns: Question/Category and Answer/Details. Rows include: Activity: Project Management & Backstopping; Progress to date; Variations from Technical Proposal that occurred or are proposed; Main Planning features for next reporting period.



2.2.2 Work Package 1: Water governance and mainstreaming

Activity 1.1: Provide *ad hoc* support and advice for review of water policies, national water strategies and IWRM plans

Progress to date

1.1.2 Targeted technical assistance for the elaboration of a Wastewater Strategy and/or Action Plan in Egypt, Morocco and Tunisia

Objective: Provision of support to selected countries (Egypt, Morocco and Tunisia) to enhance the development and implementation of wastewater national strategies, plan of action, associated policies through the preparation of a gap analysis, and recommendations of policy options and opportunities for advancing missing priority elements. The activity includes the organisation of a one-day national consultation meeting involving all related stakeholders in the 3 countries.

Progress: Three national (NC) consultation workshops were organised and held on 5, 7 and 11 March 2013 in Tunisia, Morocco and Egypt respectively. The first draft of the three countries' reports was subsequently reviewed by the consultant with due consideration to the feedback from the NC workshops and from SWIM Team. Three national consultation workshops reports were also prepared. The final drafts of the countries' reports were submitted for final review by SWIM during July 2013. The three countries' reports and the three workshops' reports have been sent as one package to the EC for approval in September 2013.

Estimated percent Progress: 100%

Projected date of completion: Early May 2013.

Actual Completion: August 2013

Products: 3 National Reports on the review and analysis of wastewater strategy and/or action plan development and implementation status in Egypt, Morocco and Tunisia.

Results: Recommendations on how to enhance the planning, revision and implementation process of national wastewater strategies are available for 150 water officials in the three countries

Variations from Technical Proposal that occurred or are proposed

This activity was delayed due to force majeure on the part of the NKE; involving two operations/surgeries and one accident between January and May 2013.

Activity 1.2: Ensure sustainable water management strategies mainstreaming into other sectors' policies

Progress to date

1.2.4 Identification and catering of no-regret actions for the water sector in Jordan and Palestine and elaboration of policy recommendations for advancing action

Objective: to identify and cater no-regret actions for the water sectors in Jordan and Palestine to adapt to projected impacts of climate change with special emphasis on drought and flood risks management

Progress: ToR prepared, amended and NKEs identified. Initially advised by the EC to postpone the activity until 2013 when possible overlaps with other on-going EC, UN or AMCOW programmes (e.g. ENPI South Climate Change, GEF MAP UNEP Climate Variability and Change Project, AMCOW/GWP Water and Climate for Development Programme, etc.) would be known. Activity was cancelled during the last management meeting.



Estimated percent progress: 15%

Projected date of completion: Cancelled

1.2.5 Support to planned Inter-ministerial Committee on water at national level in synergy with GEF MedPartnership

Objective: To assist promoting inter-ministerial coordination at national level in PCs in such need, in support to the related GEF / MAP UNEP Med-Partnership's initiative. Given the significant delay and a strong likelihood that the activity will not be realised, the last management meeting decided to cancel this activity from the workplan.

Estimated percent progress: Not started

Projected date of completion: Cancelled

1.2.6 Develop regional guidelines on measures for improving compliance with water legislations and assess the available enforcement capacity and mechanisms currently practiced in SWIM-SM region to enforce water legislations with focus on 5 SWIM-SM PCs

Objective: To reinforce IWRM principles in SWIM-SM PCs through improvements in compliance with water regulations and enhancement of enforcement capacities of water legislations.

Progress: TOR were prepared and amended to include Lebanon as the fifth focus country, NKEs were identified and contracted and task one completed shared with the NKE and finalized. Information from the 5 focus countries has been collected, archived, analysed and literature has been reviewed for the preparation of the guideline.

Estimated percent progress: 80%

Projected date of completion: July 2013

Actual date of completion: Mid - October 2013

Expected results: The legislative gaps for compliance and enforcement are identified and suggestions/recommendation on how to bridge them are provided.

1.2.8 Develop a comprehensive M&E system for Participatory Irrigation Management (PIM) and Irrigation Management transfer (IMT) Process

1.2.8.1 Provide a regional view on the status of M&E system in the PCs. Develop a questionnaire to solicit country inputs on the availability of M&E system, and the indicators used. Consolidate the responses into a regional perspective.

Objective: The objective of this task is to survey available M&E systems that are presently used by national governments to monitor and evaluate the adequacy of the PIM/IMT process in the PCs, with a view to identify good practices and shortcomings. The outcomes of this survey will be compiled and then shared through a background document in an Expert Group Meeting (EGM) planned for the discussion and formulation of a regional M&E system.

Progress: The responses to the questionnaire regarding the status of M&E systems in the PCs, which was disseminated to the relevant departments in the SWIM countries, were consolidated and analysed in one regional report. The report (which was also translated to French) will be used a background document (for the development of the regional M&E system to assess the PIM/IMT process) in the upcoming regional Experts Group



Meeting (EGM) which will be held in Athens between 2 and 4 Sep. 2013.

Estimated percent progress: 100%

Projected date of completion: 31 May 2013.

Actual Completion: 15 July 2013

1.2.8.2 Prepare a report on the International M&E systems (FAO, IWMI, WB) to be presented as a background information for the M&E regional workshop (activity 1.8.2.3)

Objective: To review international experience in M&E systems including those used for WUA formation and support, in order to identify best practices and suitable indicators that could be used as reference material for the development of regional M&E system involving a checklist of indicators covering the three phases of PIM/IMT process

Progress: A document presenting the results of the international review was prepared in two parts. The first part comprised summary guidelines for M&E arising from the review of the main handbooks and guides prepared by the World Bank and United Nations International Agencies, while the second part represented a review of selected M&E systems used by selected international agencies for assessing PIM/IMT programs. The document was also translated into French, for use as a background material for the regional EGM that will be held in Athens (2 - 4 September 2013).

Estimated percent progress: 100%

Projected date of completion: 15 June 2013

Actual Date of Completion: 5 August 2013

1.2.8.3 Conduct a 3-days regional expert group workshop involving representatives from national authorities, water users associations, donors, regional and international organisations and national, regional and international experts

Objective: To convene a regional Expert Group Meeting, targeting representatives of national authorities, water users' associations, donors and regional and international organizations in order to discuss M&E experiences emanating from the SWIM-SM regional and international reviews; with the aim of adopting a regional M&E system involving a checklist of indicators that suits best the needs and the specificities of SWIM participating countries and for formulating an M&E system.

Progress: The meeting information note (including the agenda) and the covering letter were prepared and sent to the NFPs. Countries' representatives were nominated. All the background material under Activity 1.2.8.1 and 1.2.8.2 were finalised and translated to French. A proposal for the regional M&E system was drafted and also translated. It will be presented during the regional EMG that will be held in Athens (2 - 4 September 2013) for further improvement by the participants. All presentations for the meeting were prepared and are available also in French.

Estimated percent progress: 38%

Projected date of completion: EMG early July 2013 and formulation of M & E system by Sept. 2013

Actual Date of Completion: EMG, 2-4 September 2013. Formulation of M&E system by



<p>Variations from Technical Proposal that occurred or are proposed</p>	<p>October 2013.</p> <p>Expected results: Formulation of a Monitoring and Evaluation system for PIM/IMT, based on the advice, guidance and inputs from national partners, in collaboration with international, regional and national experts.</p> <p>Activity 1.2.8.1-1.2.8.3: Despite SWIM close and intensive follow up on the questionnaire, the countries were more than 2 months late in submitting their responses to the questionnaire, resulting in delays in compilation and analysis of the responses, and the postponement of the M&E regional EGM from July until September 2013.</p>
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Activity 1.3: Institutional strengthening through analysis of IWRM concepts

<p>Progress to date</p>	<p>1.3.1 Regional Assessment on the status of joint ICZM and IWRM planning</p> <p>Objective: Discussions between SWIM-SM and the MedPartnership aiming for close collaboration of the subject have taken place since 2012. Suggested joint activities include:</p> <ul style="list-style-type: none">(i) Conduct Assessments (National and/or Regional) on the Status of joint ICZM and IWRM Planning in the Mediterranean. This will investigate how much the two agendas are linked on the side of institutional settings (e.g. are there related institutions, regulatory frameworks, coordination mechanisms, etc.), on the side of strategy development and action planning (e.g. are there references and operational provisions in the national water strategy, the national environment strategy or the national ICZM plan, etc.) and on the side of application (e.g. are there projects in the field or interest to develop such actions). Under a common methodology, MedPartnership could financially support the Balkan countries and Turkey while SWIM-SM could financially support its ENPI countries of focus.(ii) Organize a Regional Workshop to discuss the findings of the Assessment(s) between countries and regional institutions and stakeholders, and to conclude with recommendations on follow up activities, linking also to the replication process.(iii) If there is capacity, organize trainings on the subject or in focus themes within that. <p>Progress: The materialization of this activity is dependent on the decision of the MedPartnership Steering Committee; this meeting has been delayed and is expected to take place in autumn 2013. SWIM-SM has allocated resources for this activity for the year 2014 to develop the assessment methodology and undertake the assessment in selected countries. There might be capacity to undertake more activities among those suggested (regional workshop, capacity building) but this has to be defined according to resources availability and time planning at the time of decision.</p> <p>Estimated percent progress: 0 %</p> <p>Projected date of completion: N/A</p> <p>Actual Date of Completion: N/A</p> <p>1.3.2 Desalination as a non-conventional water resource</p> <p>1.3.2.1 (Previous number: 3.4.1): Assess potential cumulative environmental impacts of mega desalination plants conglomerating around the Mediterranean in synergy with MED-POL</p> <p>Objective: To investigate and conceptually assess the cumulative environmental impacts of mega desalination plants conglomerating around the shores lines of the Mediterranean and to identify their mitigation measures</p> <p>Progress: TOR was prepared and approved by EC. Literature review was conducted to</p>
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collect relevant information on operating desalination plants around the Mediterranean including non-SWIM countries. The review included the operating and planned desalination plants in terms of technology used, scale of production, discharges to the near-shore marine environment and emissions to the atmosphere.

Estimated percent progress: 35 %

Projected date of completion: Mid-August 2013

Actual date of completion: End of January 2014

Expected Results: Cumulative environmental impacts from mega desalination plants have been identified

1.3.2.2 (Previous number: 3.4.2) Convene a regional Expert Group Meeting (EGM) in Athens on Potential Cumulative Environmental Impacts of Desalination Plants on the Mediterranean Sea to substantiate and verify the outcomes of activity 3.4.1. In synergy with UNEP-MAP, MED-POL, H2020, MEDRC

Objective: To substantiate and verify the outcomes of the assessment of the potential cumulative environmental impacts of mega desalination plants conglomerating around the Mediterranean in a regional 2 days EGM to be held with the participation of SWIM-SM Desalination Core Group (DCG)

Progress: TOR was prepared. Contacts were established with UNEP-MAP for the joint organization of the EGM in Athens.

Estimated percent progress: 10 %

Projected date of completion: Late September 2013

Actual date of completion: End of April 2014

Expected Results: Cumulative environmental impacts of desalination are verified by experts and a dialogue is established between national, regional and international experts on the prospects of desalination in the Med region.

1.3.3 Mitigation of effects of flood and draught episodes

1.3.3.1 (Previous number: 3.5.1) Regional Assessment of past drought & flood episodes and their management in Selected SWIM-SMPCs (Tunisia, Jordan and oPt)

Objective: Conduct a regional assessment on drought and flood episodes in the region to delineate the affected areas and identify the population and economic sectors affected the most. The assessment to be supported by case studies in three selected countries (Tunisia, Jordan and Palestine)

Progress: A document was prepared in support of the local assignments on the drought and flood assessment in Jordan, Palestine and Tunisia. The document comprised a list of questions to guide the NKEs in soliciting information from the focus countries, and guidance notes including glossary of terms, and the general framework for disaster risk management.

The case studies for the three countries have been completed and reviewed by SWIM. SWIM is now awaiting incorporation of its comments in the revised versions. Meanwhile, the preparation of the regional assessment is on-going.



Estimated percent progress: 75%

Projected date of completion: September 2013

Actual date of completion: December 2013

Expected Results:

- Better understanding and awareness of past drought and flood episodes characteristics, their frequency, geographic distribution, and potential drought and flood relation to CC as a driver.
- Identified and recorded traditional water responses to past drought and flood episodes, and probable indigenous success stories in drought and flood management practices for potential replication.
- Identified socio-economic and environmental impacts of drought and flood on most sensitive sectors, communities, and ecological systems in selected SWIM-SM PCs.

1.3.4 Identification of potential of wastewater reuse

1.3.4.1 (Previous number: 3.6.1) Regional assessment on the status of wastewater treatment in rural areas with more in depth analysis in 4 countries

Objective: To draft an assessment of the gaps, challenges and barriers to wastewater treatment with a focus on rural areas and the involvement of the private sector in financing de-pollution investment. The assessment consists of a regional desk study followed by an in depth analysis in Tunisia, Lebanon, Egypt and Palestine. Activity is cancelled after the last management meeting

Estimated percent progress: 30%

Projected date of completion: July 2013

Actual date of completion: Activity is cancelled

1.3.4.2 (Previous number: 3.6.2) Regional assessment on the challenges of treated wastewater reuse in rural areas with more in-depth analysis in 4 countries

Objective: To draft an assessment of the gaps challenges and barriers to wastewater reuse with a focus on rural areas and the involvement of the private sector in financing de-pollution investment. The assessment consists of a regional desk study followed by an in depth analysis in Tunisia, Lebanon, Egypt and Palestine. Activity is cancelled after the last management meeting

Estimated percent progress: 30%

Projected date of completion: July 2013

Actual date of completion: Activity is cancelled

1.3.4.3 (Previous number: 3.6.3) SWIM-SM to develop a study on the legislative framework regulating the recharge of aquifers with adequately treated wastewater

Objective: Develop a study on the legislative framework regulating the recharge of aquifers with adequately treated wastewater in four project countries

Progress: Negotiations with qualified NKE with legal background to agree on scope and context of the study. TOR was prepared and modified to include elaborate component on best practices in artificial wastewater recharge. The new TOR was finalized and agreed by the EC. The amended TOR was shared with the selected NKE who expressed his interest pending increasing in his man-days and involving a technical NKE to cover



	<p>best practices component.</p> <p>Estimated percent progress: 15 %</p> <p>Projected date of completion: October 2013</p> <p>Actual date of completion: December 2013</p>
<p>Variations from Technical Proposal that occurred or are proposed</p>	<p>Activities 1.3.4.1 and 1.3.4.2 are cancelled</p>

2.2.3 Work Package 2: Capacity building activities

Activity 2.1: Establishment of a network with the existing regional and national training institutions

Progress to date

2.1.1 Prepare and maintain a contact list of national and regional centres of excellence - in close collaboration with H2020 CB/MEP

Objective: To develop and maintain a list of national and regional centres of excellence with particular focus on those providing capacity building related to the SWIM-SM four thematic pillars.

Progress: the list has been prepared and has been shared with H2020 CB/MEP for their input. Regular update is foreseen.

Estimated percent progress: 100 % development of the list

Projected date of completion: Activity completed. The maintenance/updating of the list is an on-going activity.

Product: Contact list of national & regional centres of excellence.

Results: List of Centres/organisations relevant to SWIM-SM Work Plan with whom the project could establish synergies and collaboration.

2.1.2 Based on the database, carry out a mapping exercise on on-going and planned training activities at regional level

Objective: To produce a list of training activities planned by the regional centres of excellence in order to explore possible links with SWIM-SM capacity building activities identified under the 4 thematic pillars.

Progress: Letters have been sent on 14 June 2013 to all the identified national and regional centres to inform them about SWIM on-going activities (SM and Demonstration projects) and ask them to share with us information about their activities relevant to SWIM.

Estimated percent progress: 100%

Projected date of completion: On 14 June 2013 letters were sent to the 13 centres previously identified and 2 replies have been received. Only one of them has identified a specific issue. The exercise will be repeated until the end of the project to update the list with possible new entries.

Product: The existing matrix has no new entries since the replies received so far (August 2013) do not provide information on activities relevant to SWIM-SM. The database could be made available to other organisations/institutions and/or projects working exclusively



with centres of excellence and in this way promote SWIM’s legacy and sustainability of products – this will be explored.

Results: No new entries in the matrix so far (August 2013).

2.1.3 Development of a matrix to highlight the possibilities for interlinks and synergies with on-going initiatives and projects in SWIM region associated with an operational mechanism for collaboration and synergy

Objective: To develop a matrix of initiatives and projects implemented at the Regional level and relevant to SWIM-SM interventions in order to explore possible interlinks and avoid duplications of activities. Based on the Work Plan for 2013 collaborations to be explored with the identified centres of excellence and Regional projects.

Progress: Letters have been sent to the projects coordinators of 17 initiatives and projects previously identified, to inform them about SWIM on-going activities (SM and Demonstration projects) and to identify possible interlinks. Only one reply has been received and possible interlinks are being explored.

Estimated percent progress: 100%

Projected date of completion: Initiatives and projects have been informed about the on-going and planned activities under the SWIM-SM work plan for 2013. The exercise will be repeated until the end of the project to update the list with possible new entries.

Product: Updated matrix with relevant replies received by the SWIM-SM Team.

Results: 30 projects and initiatives have been informed about SWIM on-going and planned activities

Variations from Technical Proposal that occurred or are proposed

None

Activity 2.2: Develop national and regional capacity building programmes / training sessions

Progress to date

2.2.3a (Previous number: 2.3.1) Develop and execute a capacity development program for water & environment prosecutors and investigators including 3-days workshop to be followed by 12-days study tours in 3 European countries in collaboration with UNESCO-IHE.

Objective: To develop the capacity of water and environment prosecutors and investigators to ensure compliance with legislations for better IWRM.

Progress: Coordination with partner institutions was undertaken, TOR prepared and amended according to EC instructions, invitations sent, candidate participants identified, partners contracted, training material and power point presentations prepared, event organized for the training and the study tour that followed. Events report has been prepared, the training material and the power points finalized and undergoing translation into French.

Estimated percent progress: 100 %

Projected date of completion: Mid-September 2013

Actual date of completion: June 2013

Products: Some 60 pages training manual and 15 power point presentations were



prepared, capacity development training workshop conducted, and study tours in three European countries were successfully completed.

Results: 28 water and environment professionals and prosecutors from 8 PCs have been trained on preparing environment and water legislations, addressing non-compliance and violations, prosecuting cases of noncompliance with water & environment legislations, provision of accredited evidences for indictment, establishing environment inspectorates and auditing procedures.

2.2.4 (Previous number: 2.4) Convene a 5-days high level study tour to strengthen political commitment to PIM/IMT, in coordination with the State Hydraulics Works (DSI) in Turkey

Objective: Conduct a high-profile Study tour preceded with two-days training involving officials from the authorities concerned with the implementation of WUAs in the project countries, to raise their awareness on the role of the political commitment and enabling environment in the successful implementation of the PIM and IMT.

Progress: The study tour took place during this reporting period (12-18 May 2013), during which all the necessary technical and logistical arrangements were undertaken, including the preparation of the information note, the agenda, the training material and the arrangements with the State of Hydraulic Works (DSI) in Turkey for the field visits. The training and the study tour report was prepared and approved by the EC.

Estimated percent progress: 100%

Projected date of completion: June 2013

Actual date of completion: 10 June 2013

Results: Participants from PCs are introduced to the tools needed to ensure effective formulation of PIM/IMT programs and the establishment of viable WUAs and to the Turkish experience of success in PIM and IMT

2.2.5 (Previous number: 2.5) Two-days training on the operation and management of WWTPs to be followed by study tours to well-operated and managed WW treatment plants in Europe

Objective: To develop the capacity of stakeholders in the operation and management of wastewater treatment plants including exposure to technologies for upgrading existing low performing plants. The trip and training will also tackle management options of wastewater utilities.

Progress: An agreement has been reached with FIEA for organizing the training and study tour and the TORs approved by the EC. Invitations have been sent out and nominations received. The training and study tour are scheduled to start on the 9th of September.

Estimated percent progress: 50 %

Projected date of completion: September 30th 2013

Actual date of completion: End of October 2013

Expected Results: The capacity of wastewater officials in participating SWIM-SM PCs is further developed on wastewater treatment and reuse with emphasis on rural areas.

2.2.6 (Previous number: 2.6) Support the involvement of officials in online: course on natural systems



Objective: To improve the understanding and build the capacity of stakeholders in the PCs on the design, construction, operation and maintenance of natural treatment systems.

Progress: Implementation of this activity has been moved from July 2013 to Jan 2014 due to unavailability of UNESCO-IHE staff to prepare and implement the course before January 2014. Negotiations on cost are underway.

Estimated percent progress: 20%

Projected date of completion: July 2013

Projected date of completion: April 2014

Expected Results: Improved understanding of natural/extensive treatment systems for wastewater treatment including physical and biochemical processes, design, operation and maintenance.

2.2.7 (Previous number: 2.7) Sub Regional training event - Strengthening public sector capacity to mobilise de-pollution investments, and

2.2.9 (Previous number: 2.9) One specific training - private sector participation

Objective: To develop the capacity of public sector in mobilizing de-pollution funds through IFIs and PSP and to build the capacity for private sector participation. This activity is in partnership with MeHSIP-PPIF

Progress: The activity has been completed. The workshop has been held in Luxembourg at the premises of EIB from the 3rd to the 5th of July 2013. The workshop report has been submitted to the EC for approval.

Estimated percent progress: 100 %

Projected date of completion: July 2013

Actual date of completion: August 2013

Achieved Results: The capacity of 20 participants from the public and private sector has been built in resources mobilization through IFIs and the private sector through PPPs. Synergies have been created with organizations and initiatives in the region such as EIB and OECD.

2.2.11 (Previous number: 2.11) SWIM-SM to organize a capacity development workshop on modelling the cost of desalination, in collaboration with MEDREC, to predict the cost of desalination based on scale and technologies used

Objective: To develop the capacity of water resources managers in understanding the aspects influencing the cost of desalination including the factors and functions for modelling them to estimate the associated cost under different scenarios.

Progress: ToR was prepared. Negotiations with the Middle East Desalination Research Centre (MEDRC) in Oman were conducted and agreement was reached to hold the training in MEDRC premises in Oman. The training was held successfully and training manual and power point presentations were developed, delivered and currently revised for approval of EC for uploading.

Estimated percent progress: 100 %

Projected date of completion: 30 June 2013



	<p>Actual date of completion: 15 July 2013</p> <p>Results: Twenty one water professionals and environmental practitioners from 7 SWIM-PCs are trained on modelling the cost of desalination</p>
<p>Variations from Technical Proposal that occurred or are proposed</p>	

2.2.4 Work Package 3: Application of water management plans

Activity 3.1: Develop mechanisms and procedures to facilitate regional dialogue, consultations, and exchange of experience among the most water intensive sectors such as agriculture, tourism and urban development

<p>Progress to date</p>	<p><u>3.1.3 Cost of water resources degradation in the Seybouse River in Algeria and Litani River in Lebanon</u></p> <p>Objective: To conduct a cost/benefit analysis of mitigating water pollution to demonstrate the economic cost and benefits associated with pollution control to planners and policy makers in 2 countries.</p> <p>Progress: All needed data were received. The two NKEs are analysing the data and drafting the reports which will be submitted by October 2013</p> <p>Estimated percent progress: 40 %</p> <p>Projected date of completion: December 2013</p> <p>Products: Product is pending completion of activity</p> <p>Expected Results: Decision makers for the abovementioned river basins are aware of the cost of water resources degradation and the economic benefits derived from its halting.</p>
<p>Variations from Technical Proposal that occurred or are proposed</p>	

Activity 3.2: Organise and/or participate in regional or sub regional events aiming at mobilising partner countries and other donors in favour of sustainable water management schemes, and bringing together key players on water and environment in the region

<p>Progress to date</p>	<p><u>3.2.3 Participation of the key experts in regional events, ensuring visibility of the project and its activities.</u></p> <p>The following events were attended:</p> <ul style="list-style-type: none"> • OECD Launching of the Water Governance Initiative, Paris, France, March 27-28, 2013 • MedPartnership Coordination Group Meeting, Paris, France, April 3-4, 2013 • GWP-Med/OECD/UfM Launching of the Water Governance and Financing Programme, Barcelona, Spain, May 28-20, 2013 • EC, DGDEVCO. Regional Water Seminar, Rabat Morocco , June 3-7,2013
<p>Variations from Technical Proposal that occurred or are proposed</p>	



Activity 3.3: Organise and/or facilitate discussions and harmonising approaches and policies on issues related to the objectives of the Strategy for Water in the Mediterranean, notably IWRM and adaptation to climate change, and the Horizon 2020 initiative, especially its de-pollution component

Progress to date

3.3.2 Close operational linkages with H2020

- Collaboration with H2020 MEHSIP in organising a training workshop on “Strengthening Public Sector Capacity to Mobilize Depollution Investments and Private Sector Participation” that was organised on 3-5 July 2013 in Luxembourg at the premises of the EIB.
- SWIM-SM participation and active intervention is planned during the organisation of the forthcoming H2020 Steering Committee Meeting that is planned to take place in 19-20 November 2013, in Brussels
- Coordination between SWIM-SM and H2020 CB MEP upcoming activities is on-going e.g. for possible support with SWIM experts of H2020 CB MEP workshops on wastewater reuse (planned for November 2013 in Morocco) or reducing pollution sources (planned for December 2013 in Tunisia)

Estimated percent progress: 60% (for the 3rd year of implementation)

Projected date of completion: This is an on-going activity.

Results Synergy, pooling of resources and joint implementation with maximum impacts are realized.

Variations from Technical Proposal that occurred or are proposed

2.2.5 Work Package 4: Identification of good practices and success stories in the region and elsewhere

Activity 4.1: Identify and disseminate success stories and supporting exchange of experience between the beneficiaries of the present project and those of other projects/programmes implemented at regional or national level

and

Activity 4.2: Identify and inform about possible good practices and exchange knowledge on programmes or projects on water management in the region and elsewhere, funded by other donors

and

Activity 4.4: Contribute to facilitating the transfer of know-how and exchange of experience on water management

Progress to date

Activity commenced after the inception phase.

4. 1/2/4. 1 Elaboration of a replication strategy and establishment of a replication mechanism in the Mediterranean in collaboration with the GEF Med-Partnership

Objective. Develop jointly and under the lead of the GEF / MAP UNEP Med Partnership a broader context for the Replication Strategy addressing environmental, water and possibly other regional agendas.

Progress: SWIM-SM participated to the works of the Replication Task Group, composed of GEF/MAP UNEP MedPartnership, H2020 CB MEP and SWIM-SM. SWIM-SM contribution



includes advising the EC on strategic orientation of the replication activities in the region, facilitating linkages on replication with regional programmes and initiatives including the Strategy for Water in the Mediterranean. The first meeting of the Group was held on 31 January 2012, in Brussels and orientations were jointly agreed. Follow up discussions took place in the margins of the H2020 Steering Committee Meeting (18-19 April 2012, Barcelona) and the GEF/MAP UNEP MedPartnership (15-16 May 2012, Istanbul). A draft Mediterranean Environmental Replication Strategy has been produced, and related presentations have been made on the occasion of the aforementioned SC meetings. Awaiting for identification of next steps with the Mediterranean Environmental Replication Strategy by institutional partners (MAP UNEP, EC, UfMS) and decision about the utilisation of the MedPartnership's replication fund, SWIM-SM's contribution could be further defined. In case there won't be any substantial decision by the institutional partners on follow up steps, the SWIM-SM activity can be considered as successfully completed. The MedPartnership Steering Committee Meeting (Autumn 2013), the MAP COP Meeting (December 2013) and a possible UfM Ministerial on Environment and Climate (Spring 2014) may provide options for advancing the agenda.

Estimated percent progress: 60% (or 95% if no further action is taken)

Projected date of completion: End of 2013 (or mid 2014, if related decision is taken)

Expected Results / Products: Draft Mediterranean Environmental Replication Strategy, advice to EC, advocacy

4. 1/2/4. 2 Success stories of water resources management in the SWIM Region (in close collaboration with activities under WP1, WP3 and WP6)

Objective: To document and disseminate selected success stories / solutions falling under the SWIM scope of work, by taking stock of applied and well substantiated cases in the region. The solutions, will primarily fall under the SWIM-SM pillars on Non-conventional (Wastewater reuse, Desalination), Water Financing, including the theme of private sector involvement and Local Governance (Water Users Associations)

Progress: A concept has been elaborated and submitted to the EC. The activity is the evolution of the one on identification and compilation of criteria for screening and mapping success stories and best practices

Estimated percent progress: 5%

Projected date of completion: October 2014

Expected Results / Products: Up to 12 well documented and inclusively validated success stories / solutions widely disseminated proving a tool for informed decision making and inspiration for replication.

4. 1/2/4. 3 Documentation of successful interventions in selected countries with regard to increased efficiency and effectiveness of wastewater reuse

Objective: To identify and document a set of best practices in relation to effective wastewater reuse that could serve as a basis for adapting and replicating these practices in the PCs.

Progress: The reports drafted by the NKEs are being reviewed for resubmission based on the comments of the EC.



Estimated percent progress: 100%

Projected date of completion: March 2013

Actual date of completion: September 2013

Products: 12 Best Practices from 4 different countries.

Results: Best practices can be emulated by other countries for increasing the efficiency of wastewater treatment and reuse.

4.1/2/4.8 (Previous number: 4.5) Provision of technical verification and documentation of best or bad practices on implementing/operating de-pollution investments projects

Objective: To provide technical verification and documentation of best or bad practices on implementing/operating de-pollution investments projects

Progress: Negotiations took place with MEHSIP project on scope of the technical verification. TOR is prepared, amended and NKE identified. MEHSIP has recently identified Wastewater Treatment Plants in Lebanon, Tunisia and Morocco to be investigated.

Estimated percent progress: 15 %

Projected date of completion: September 2013

Actual date of completion: December 2013

4.4.1 (Previous number: 3.7) SWIM-SM to help UfM in the development of criteria and guidelines for project selection (in relation to updated environmental hotspots) for potential funding

Objective: To assist the UfMS in elaborating a technical document that details the criteria and guidelines for assessing regional, sub-regional and trans-national project proposals, and support related consultation as needed.

Progress: A technical request was received by SWIM-SM. SWIM-SM developed the scope and identified fundamental criteria, and a basic mainframe, guidelines and timeframe were prepared by UfM. The developed mainframe and guideline were further elaborated by SWIM-SM for starting implementation by April 2013 but the response pace has been slow. The activity was approved in mid June 2013. Collaboration with the UfMS was launched and comments on the draft material were exchanged.

Estimated percent progress: 10 %

Projected date of completion: End of April 2014

Expected results: The new criteria and guidelines are adopted through the process defined by the UfM and result to the selection for funding of more sustainable de- pollution projects

Variations from Technical Proposal that occurred or are proposed

Given the context of 4.1/2/4.1 and 4.1/2/4.2, it was deemed appropriate to merge them into one activity using the findings of the latter as annex to the replication material.



2.2.6 Work Package 5: Development of a communication and awareness- raising strategy

Activity 5.2: Draw up a package of communication and awareness raising activities targeting relevant decision makers, stakeholders and the general public (including awareness on the draft Strategy for Water in the Mediterranean and the selected demonstration projects)

Progress to date

5.2.1 Website set up, maintained and updated

Progress: The website is maintained and regularly updated. Moreover, some of its sections are being restructured to enable an easier identification of information by visitors.

Estimated percent progress: 80% of an on-going activity

Projected date of completion: The maintenance and update is an on-going activity. The restructuring of specific sections was completed by 31 August 2013. Moreover a search engine is planned to be included in the home page upon approval of the budget needed for this by the EC.

Products: functional and maintained web site, enabling an easy finding of information by visitors.

Results: Statistics related to website's views / users between April-July 2013 show a good amount of hits (an average of 645 visits/month) out of which 28.9% from visitors who have reached the website directly (by typing the url) or via a bookmark. Moreover, the average time duration of both "returning" and "new" visitors (respectively 5-7' and 2') shows that they have read the information researched before leaving the website. Statistics related to the origin of visitors indicates that most of them come from the SWIM Partner Countries, namely Lebanon, Egypt, Morocco, Tunisia, Jordan and Algeria.

5.2.2 Management of promotional materials' design and production and oversight of the overall communication with SWIM-SM Focal Points, target groups and other stakeholders

Objective: promotional materials are managed (it includes design/production).

Progress: Promotional materials are managed. In particular, new ball pens with SWIM logo have been produced and the SWIM brochure was diffused in the framework of events and also sent to the Demos who requested it for their own dissemination purposes.

Estimated percent progress: 100%

Projected date of completion: This is an on-going activity.

Products: produced required promotional materials.

Results: SWIM-SM is promoted as a leading regional water project.

5.2.3 Relations with press and journalists - advertorials, press releases

Objective: To effectively communicate the SM project and its achievements by providing regular information, diffusing press releases about specific activities to journalists and media professionals so that they can widely inform their target groups.

Progress: Press releases related to all new SWIM-SM activities have been diffused to the list of journalist's set-up by SM for the various PCs.

Estimated percent progress: On-going activity progressing smoothly.

Projected date of completion: This is an on-going activity.



Products: 5 press releases have been diffused to journalists since the end of March

Results: Approx. 450 journalists from the PCs are regularly informed about SWIM-SM activities.

5.2.4 Preparation of a media kit to be used for the information of media, educators of higher institutes (Universities etc.) and distribution to students of journalism

Objective: To produce a kit in soft format that can be used to inform and raise awareness of communication professionals and media about the SWIM Programme (SM + DM activities). The kit will be regularly updated in order to include relevant information produced during the Programme.

Progress: The media kit is updated with information on recent activity since the end of August 2013.

Estimated percent progress: 50% of Arabic, English and French versions (considering that other updates will be made until the end of 2013)

Projected date of completion: The kit is ready and its update is an on-going activity.

Products: Updated Media kit, uploaded at SWIM-SM's web site

Results: Approx. 450 journalists from the PCs are informed about the existence of the media-kit. Moreover, a NKE is engaged in the identification of education institutions that provide courses for young journalists in order to promote the media kit later on.

5.2.6 Consultation meetings with responsible for extension services to farmers and/or administrations / cooperatives related to farmers activities to identify the type of messages, materials and activities that could form the awareness raising and communication campaign addressing this target group (in 4 PCs)

Objective: To consult with stakeholders related to water, environment and health issues in 4 PCs in order to successfully plan for an awareness raising campaign directed to farmers on environmental health threats related to the reuse of wastewater (raw or treated).

Progress: Consultations have been concluded in 4 PCs (Algeria, Lebanon, Jordan and Tunisia). Based on the outcomes of these meetings and in view of identifying accurately the type of materials and activities most useful for the target groups two NKEs have been hired, one respectively for Jordan and Tunisia. Based on the outcomes of their assignments activities described under 5.2.7 and 5.2.8 below are being fine-tuned and implemented. The outcomes of the 2nd round of consultations in Jordan and Tunisia are ready and submitted to the EC.

Estimated percent progress: 100%

Projected date of completion: April 2013

Actual date of completion: 15 August 2013

Products: Report of consultations

Results: Input is provided to plan activities 5.7 and 5.8 in a more effective way and therefore to secure the sustainability of the campaign

5.2.7 Brochure and/or other information material for farmers on the least environmentally and human health damaging practices for watering, for fertilising, for pest control - Awareness raising about the impacts on health and the environment of re-



use of raw or treated wastewater in agriculture. Best practices from other regions and countries will be presented

Objective: To produce information and awareness raising brochures / and or other material for farmers on environmental health issues related to the reuse of wastewater (raw or treated) with special focus on best practices.

Progress: A draft brochure is being produced based on the outcomes of consultations with farmers and other concerned stakeholders in 3 of the 4 PCs selected for the campaign (Algeria, Lebanon and Tunisia). This will be distributed to participants in the information sessions planned in activity 5.2.8 and later on to additional farmers, in cooperation with the relevant institutions in each country. Moreover, a manual in soft version is also being drafted and will be used to provide additional technical information to farmers and extension services on the issues covered by the campaign in Algeria.

Estimated percent progress: 60%

Projected date of completion: 15 October 2013

Products: An information and awareness raising brochure addressed to farmers (in Arabic for Lebanon, and in French for Algeria and Tunisia) and a manual in French for Algeria, which will be uploaded at SWIM-SM's web site.

5.2.8 Four Information workshops targeting farmers, community leaders and consumers in selected regions/river Basins about health safety and practices related to the use of treated waste water in agriculture

Objective: To inform and raise awareness of target groups about the advantages of adopting safe practices related to the reuse of wastewater (raw or treated) with special focus on best practices.

Progress: the activity is planned to take place in the 3 PCs until end of November. Tunisia has requested to organise 4 information sessions to cover all the country. ToRs for hiring 1 NKE for Tunisia are drafted and the logistics of the workshops discussed with FPs and relevant stakeholders

Estimated percent progress: 40%

Projected date of completion: 30 November 2013

Expected Results: a number of farmers and representatives of extension services in the 4 countries are informed about health safety practices related to the use of treated wastewater in agriculture

5.2.10 Preparatory activities for one Regional Information Session of Parliamentarians (organised in cooperation with COMPSUD Network and aiming at involving EMPA members from PCs) on SWIM themes relevant to their work

Objective: To prepare for the organisation of an Information Session targeting Parliamentarians on themes related to the scope of SWIM that are relevant for the legislators. Preparations include the production of a background information material and the preparation of a list of MP for each PC from the relevant Parliamentary Committees.

Progress: Coordination with the Circle of Mediterranean Parliamentarians for Sustainable Development (COMPSUD) secretariat has started to build up a list of MPs that are relevant to this activity. ToR was developed as well as a provisional agenda was developed to hold



the meeting in Athens on the 17th of December 2012. Due to the political sensitivities in the region as well as the absence of operational parliaments in some countries, the number of confirmed participation was not adequate to convene the information session. A second round of invitation has been issued for holding the session on 17 May 2013. So far, SWIM-SM has received the confirmation of three countries only. After consultation with EC, it was decided to postpone or cancel the event.

Estimated percent progress: 15%

Projected date of completion: Activity is cancelled

5.2.11 Development and Maintenance of a contacts' data base for parliamentarians, journalists, NGOs, educators

Objective: To prepare and maintain lists of journalists/media, parliamentarians, Regional NGOs and educators related to the topics dealt by SWIM that could be progressively involved or target by SM activities.

Progress: A database for journalists, Parliamentarians, NGOs and Educational institutes relevant to the SWIM topics have been prepared

Estimated percent progress: 100%

Projected date of completion: This is an on-going activity. Update of the list based on recent elections in Israel was done (March 2013) and further updates will follow as needed

Products: Lists of journalists/media, parliamentarians, Regional NGOs and educators related to the topics dealt by SWIM.

5.2.12 Production of the quarterly SWIM News Flash and monthly emails alert

Objective: To prepare and widely diffuse the issues of the quarterly SWIM News Flash to present progress in the implementation of SWIM SM and Demonstration Projects. To regularly inform stakeholders about the materials newly uploaded on the website and the planned activities via monthly email alerts,

Progress: The 2nd and 3rd issues of the SWIM News Flash have been prepared and diffused in Arabic, French and English respectively on 15 March and 22 July 2013. Monthly email alerts for the months April and May were prepared and sent out. The June issue was merged with the 3rd issue of the SWIM News Flash while the July issue is under preparation and will be sent out after the approval of the EC.

Estimated percent progress: On-going activity 100% for this year of implementation (Sept 2012 to Sept 2013)

Projected date of completion: On-going activity

Products: 2nd and 3rd issues of the SWIM news flash uploaded at SWIM-SM's web site and monthly email alerts sent out to the list of recipients.

5.2.13 Production of promotional material, such as: flash memories, notepads, roll-up banners, mousepads, folders

Objective: To produce promotional materials to increase the visibility of SWIM-SM in the region.

Progress: SWIM-SM pens are being produced and will be diffused together with relevant SM materials during the forthcoming events. Moreover, 6 posters are being produced to



present the objectives and progress of SWIM-SM and the Demonstration projects and will be exposed during the 1st CIGR Inter-Regional Conference on Land and Water Challenges (10-14 September 2013, Bari – Italy). The posters will also be exposed in future occasions (e.g the 3rd SWIM-SM SC Meeting in November 12th and 13th, 2013)

Estimated percent progress: 80%

Projected date of completion: 9 September 2013 for the posters

Products: Pens and 6 posters.

5.2.15 Media coverage of 5 SWIM-SM events (including the preparation of press-packets in advance of media events)

Objective: to enhance the visibility and wide diffusion of SWIM-SM achievements by targeting specifically media and journalists.

Progress: No progress since the events organised were mainly regional trainings and the organisation of media events was mainly envisaged to cover national events/activities. However, it should be also considered that such events might encounter resistance by the FPs as it has happened before.

Estimated percent progress: 10%

Projected date of completion: 31 December 2013

Products: No new products.

5.2.16 Oversight and management of the overall communication aspects related to SWIM-SM activities (contacts with relevant stakeholders, preparation of information material, evaluation of specific activities)

Objective: to ensure a smooth implementation and evaluation of all communication and visibility aspects related to SWIM-SM activities.

Progress: For the contacts with relevant stakeholders see 5.2.2. Concerning the information materials: the SWIM-SM policy profile, pamphlet, folders and brochures as well as power-point presentations were regularly diffused. Evaluation of specific activities was done.

Estimated percent progress: 60% (if we consider the time until the end of the year during which additional information material can be disseminated)

Projected date of completion: On-going activity

Products: SWIM information materials widely diffused

Variations from Technical Proposal that occurred or are proposed

Despite the attempts made by SM to organise additional media / visibility events back-to-back with National consultations (on the Cost of Environmental Degradation and on wastewater strategies and plans) the National Focal points have advised the Team that these meetings would be too technical for the media to follow. In the light of this and in order to make use of the support of the two hired NKEs the ToRs of their assignments have been modified to cover different activities under the Communication WP and the deadlines have been extended till end of 2013.

Activity 5.3: Create a legacy for the project

Progress to date

Activity commenced after the inception phase. This is an on-going and dynamic process



	closely linked and developing along the array of SWIM-SM activities. There is solid indication on the positive impact of the project, coming from the beneficiary countries. The outreach of the project is substantial and continues growing.
Variations from Technical Proposal that occurred or are proposed	None – planned activities follow the directions provided in the Technical Proposal

2.2.7 Work Package 6: Support the Commission with the overall coordination of the programme

Activity 6.1: Provide technical support to the demonstration projects

Progress to date	Activity commenced after the inception phase
Variations from Technical Proposal that occurred or are proposed	None – planned activities follow the directions provided in the Technical Proposal SWIM-SM technical support to the Demo Projects will be identified based on specific needs and requests for assistance raised by the beneficiaries of the demo projects

Activity 6.2: Support the beneficiaries of demonstration projects in better promotion of their objectives and activities and promote awareness on the demonstration projects among stakeholders at all levels, with a view to improving their impact, multiplying their effects, improving policy design and implementation, and encourage the replication of success stories and

Activity 6.3: Strengthen the interaction between the demonstration projects

Progress to date	<p>Activity commenced after the inception phase</p> <p><u>6. 2/3. 1 (Previous number: 6.3/4.1) Integration of Demo projects stories in the quarterly News Flash and in the monthly email alert</u></p> <p>Objective: to present relevant information about the Demonstration Projects status of implementation in the SWIM quarterly News Flash and in the monthly email alerts</p> <p>Progress: The 3rd issue of the News Flash and the monthly issues of the email alert containing updated about the SWIM projects implementation are prepared and widely diffused.</p> <p>Estimated percent progress: 100%</p> <p>Date of completion: This is an on-going activity.</p> <p>Products: 3rd issue of SWIM News Flash and monthly issues of the monthly email alert with information about Demo projects is diffused and uploaded on SWIM-SM’s website.</p> <p>Results: Approx. 1100 stakeholders related to SWIM-SM activities have been regularly updated</p> <p><u>6. 2/3. 2 (Previous number: 6.3/4.2) Integration of Demo projects’ information in the SWIM website</u></p> <p>Objective: to present relevant information about the Demonstration Projects status of implementation in the SWIM website.</p> <p>Progress: Information received by the Demonstration projects is regularly uploaded on the</p>
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SWIM website

Estimated percent progress: 80% of an on-going activity

Projected date of completion: 1st September 2013 (in the 3 project's languages). This is an on-going activity.

Products: Activities implemented by the Demonstration projects and planned ahead are included in the 3rd SWIM News Flash issue which can be downloaded from the website. Moreover, planned activities have also been included in the website's calendar.

6. 2/3. 3 (Previous number: 6.3/4.3) Facilitation of contacts with the press and journalists and other relevant stakeholders

Objective: To enhance visibility and diffuse widely the Demonstration Projects achievements by facilitating their interaction with media and journalists.

Progress: The list of media/journalists from the partner countries compiled by SM has been updated and provided to the Demonstration projects.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: List of journalists and relevant stakeholders shared with Demonstration projects

6. 2/3. 4 (Previous number: 6.3/4.4) Align the SWIM SM and the SWIM demo visibility and communications strategy in the framework of SWIM objectives

Objective: to contribute to harmonisation and streamlined approaches of the two SWIM components in visibility and communication issues through the provision of guidelines on three main topics: 1- how to work effectively with journalists and media in the swim partner countries to achieve a wide visibility of the projects and of the overall programme? 2- How to produce in-house good quality videos to cover the progress/results of the Demos' activities without hiring a professional team? 3- How to strengthen the visibility of the overall SWIM Programme by providing standard messages in all communication and visibility tools produced by Demos and SM during their implementation?

Progress: The document produced in collaboration with the NKE was considered useful by the Demonstration projects (4 replied positively that they found the document useful and will follow the guidelines that it contains, 1 Demonstration project did not reply).

Estimated percent progress: 80%

Projected date of completion: 31 October 2013

Products: A guidelines document shared with the Demos.

6. 2/3. 7 (Previous number: 6.3/4.7) Organisation of national visibility events in 5-8 selected PC participating in the Demonstration projects and according to the distribution of demonstration activities, including media coverage

Objective: To enhance the visibility of Demonstration Projects in the PCs by organising specific events back-to-back with SM activities implemented in the countries. This activity is to be considered in connection with 5.2.15

Progress: One senior and one junior NKE were recruited to undertake this activity. However, due to the resistance of National Focal Points to organise visibility events involving media in connection to National consultation events – in the framework of which visibility activities



	<p>for the Demonstration Projects in specific countries were also envisaged – the activity has not progressed as expected.</p> <p>Possibilities for organising these type of events could be envisaged in connection with the SWIM Information workshops that are planned to be organised in several countries upon request of the EU Delegations and the EC in view of enhancing the understanding of EU Delegations and FPs about the activities implemented by the Demos</p> <p>Estimated percent progress: 20%</p> <p>Projected date of completion: Not specifically set</p> <p>Products: report of each event after its completion</p> <p>Results: No results for this period.</p> <p>6. 2/3. 8 (Previous number: 6.4) Production of the SWIM Videos</p> <p>Objective: To enhance the visibility of the overall SWIM Programme activities and achievements, with emphasis on the Demonstration Projects, through the production of 2 videos. The first one serves as a tool to inform audiences about the expected results of demonstration projects and mainly shows the situation before their implementation in the SWIM PCs. The second one, that will be prepared until Mid- 2014 will make visible the overall results achieved by the Programme.</p> <p>Progress: A production company was recruited to undertake this activity and the first documentary was prepared. Due to some modifications required by the EC the video was finalised in February 2013 and is now available online. Demos will receive copies for them to distribute widely during their activities.</p> <p>Estimated percent progress: 100% of the first video and 0% of the second video</p> <p>Projected date of completion: Second half of 2014 for the second video (exact dates to be defined later on in communication with DM and EC)</p> <p>Products: First SWIM short video in Arabic, English and French</p> <p>Results: 1100 stakeholders are informed about the existence of the video through the monthly SWIM email alerts. In addition to these, other visitors of the SWIM website are also able to see the video, which is posted on the home page and multimedia section.</p>
<p>Variations from Technical Proposal that occurred or are proposed</p>	
<p>Activity 6.4 (Previous number: 6.5): Communicate the results of the demonstration projects regularly to the European Commission, the PSC and the Horizon’s Steering Group and sub-groups</p>	
<p>Progress to date</p>	<p>Activity commenced after the inception phase.</p> <p>6.4.1 (Previous number: 6.5.1) Participation in the meetings of the H2020 Steering Committee as well as in key meetings of the H2020 sub-groups and updating on the implementation status of the Demo Projects</p> <p>Objective: To update the H2020 SC and sub-groups about the progress in the implementation of SWIM, including both components.</p> <p>Progress: SWIM-SM participation and active intervention is planned during the organisation</p>



	<p>of the forthcoming H2020 Steering Committee Meeting that is planned to take place in December 2013</p> <p>Estimated percent progress: 0%</p> <p>Projected date of completion: On-going activity</p> <p>Products: Presentation</p>
Variations from Technical Proposal that occurred or are proposed	None – planned activities follow the directions provided in the Technical Proposal

Activity 6.5 (Previous number: 6.6): Create dynamic databases of demonstration project beneficiaries

Progress to date	<p>Activity commenced after the inception phase.</p> <p>6.5.1 (Previous number: 6.6.1) Preparation and maintenance of a database</p> <p>Progress: The activity commenced with the compilation of contacts during the Inception Phase and is being enriched regularly. This is an on-going activity.</p> <p>Products: the product is available on the FTP Server</p>
Variations from Technical Proposal that occurred or are proposed	None – planned activities follow the directions provided in the Technical Proposal

3 PROBLEMS ENCOUNTERED – LESSONS LEARNT

The socio-political unrest in some of the countries of the region continued during the reporting period, having a direct consequence on the participation of stakeholders in the various SWIM-SM events and rendering difficult the data collection for specific assignments, thus delaying the completion of activities. Further to this situation, this reporting period encountered challenges of managerial nature and specifically linked to the quality of delivery by some local non-key experts. On occasion, the delivery of products has been below the anticipated standards, despite the coordination/management of non-key experts by SM’s KEs. This may be due to a misunderstanding or misinterpretation of the related ToRs or the need for even closer monitoring of the non-key experts’ work. Corrective actions to avoid such eventualities in the future include 2 measures: first, dedicating more time to KEs to explain the ToR in more detail and check the non-key experts on a weekly basis, and second choosing even more carefully the non-key experts involved in the SWIM-SM assignments.

A ROM was conducted during the reporting period and the Monitoring Report was received during July 2013. The consortium strongly feels the report was in many ways misleading as regards the SWIM-SM work, demonstrated limited understanding about the project’s complexity, regional character and multiplicity of activities, while the choice of the selected monitoring-related interviews poses serious questions in terms of how much they represent informed stakeholders. Importantly, the questioning of the Logframe’s purpose cannot be substantiated, since our consortium keeps track and updates the logframe in every progress period and most of the OVIs are well on track, including within the current progress report. Furthermore, and as concerns the management of the whole project, the Monitor’s approach gave emphasis on the need for improving the management tools used and on the day-to-day project management. Although there is always space for further improvement, the practised and on-going project management modalities seem to adequately cover the needs of SWIM-SM (as seen through the operation of the project team as well as the feedback/reactions received from the PCs).



Perhaps an additional way to further monitor the project is through weekly reporting of all workhours of the experts (key and non-key), which however we feel is significantly time and resource-demanding and of limited added value. Finally, the Monitoring Report has emphasized the need for better appraisal of the trainings administered, while the EC task manager has stressed the need for better post-training reporting. The SWIM-SM team has already put forward improved training appraisal forms that are geared towards measuring the impact of the trainings and suggestions from the participants for better usage of this knowledge, while after agreement with the EC Task Manager, two additional reports will be prepared for each training and study tour: one focusing on the administrative and general aspects of the trainings (to be used internally only) and one purely technical report (to be uploaded on the SWIM website along with the other training materials).

4 THE SWIM-SM WORK PLAN UNTIL THE END OF THE PROJECT

The SWIM-SM team met in Athens on 13-14 July 2013 to discuss the progress of the project so far, address any encountered difficulties through corrective measures and carefully deliberate on the work plan until the end of the project (December 2014). As seen through the outputs thus far, SWIM-SM has delivered substantial work in terms of assignments geared towards the needs of the beneficiary countries, with due and steady consideration for the regional character of the project. The number and intensity of these activities has been overwhelming both for the SWIM-SM working team and the beneficiary countries. However, the results have been most encouraging: SWIM-SM and its work agenda have been very visible in the region, while 95% of the participants in the training have expressed satisfaction with the results and unreserved willingness to participate in other assignments.

Building on this legacy and aiming for even greater impact of SWIM-SM's work, the activities will continue being based on the four pillars and building/capitalising (as applicable) on the findings of previous/completed assignments, while using the tested and successful SWIM-SM triptych methodology: Study (Assessment, Review) – Training – Consultation. Further to this, the proposed activities for the next workplan aim at having deeper/more pronounced policy impact and outreach. The 2014 work plan is proposed to revolve around a smaller number of anchor activities of larger effect, accompanied by a number of supporting horizontal activities (e.g. communications activities). Anchor activities such as the compilation of success stories or Testing the applicability of the M&E system in 2 pilot areas and the Assessment of institutional and legislative capacities for the prosecutions of non-compliance, represent a major undertaking and are expected to add considerably to SWIM's legacy in the region.

4.1 Activities proposed for 2014 plan of actions

4.1.1 Under the pillar IWRM and Water Governance at local level

Activity 1.2.8.4.: Test the applicability of the M&E system in 2 pilot areas.

The main objectives include (1) Design and implement a regional M&E system and customize it to suit the local conditions in two pilot areas, (2) Enable local authorities and WUAs in two pilot areas to examine and explore the applicability of the M&E system and apply it (3) Document the approach and the lessons learnt during implementation for potential replication within the same and/or in other countries.

The main expected outputs include, (1) A regional M&E system for PIM/IMT process is designed and customized for the local conditions in two pilot areas, (2) Selected indicators and three Best practices in M&E system are examined and explored by local beneficiaries and lessons learnt are documented and disseminated for potential replication.

The estimated level of effort includes 157 man-days for KEs, 94 man-days for NKEs, and 67 man-days for a subcontractor to develop the M&E system.



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.

The main objective of this activity is to assess the current institutional and legislative capacity in selected countries for the prosecution of noncompliance with water and environment legislations.

The main outcomes will include: (1) An overview the legal aspects in water resources protection policies in relevant line ministries in the three selected countries. (2) An assessment of the adequacy of water legislations including laws, decrees, by-laws, standards, regulations and requirements, (3) An evaluate water legislation currently in force in terms of their feasibility, cost of compliance, comprehensiveness, overlap, integration, coordination and potential fragmentation, (4) Suggested modalities for investigation of water violations and methodology for establishing the rules for assessment of penalties (5) Guidelines & recommendations for the establishment and institutionalization of water and environment prosecution systems and magistrates as a part of national judiciary systems.

The estimated level of effort is 20 man-days for KE and 60 man-days for NKE with legal background.

Activity 2.2.12: Convene a regional conference on policies for improving compliance and enforcement of water & environment legislations:

The main objectives of this conference is to review best practices in PCs, discuss shortcomings and identify policy options for improving compliance and enforcement of water and environment legislations in SWIM PCs.

The main outcomes include: (1) Sharing of best practices among SWIM-PCs, (2) discuss the outcomes of the training and study tour in three countries in Europe undertaken during 2013 work plan with the view of developing policy options to improve compliance with water and environment legislations, (3) Discussion of a regional plan to improve compliance with water and environment legislations in the Mediterranean countries.

The estimated level of effort is 45 man-days for KE.

4.1.2 Under the pillar economic valuation of water resources and financing:

Activity 1.2.9: Stakeholders mapping and capacity needs assessment of the private sector.

The objective of this activity is 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. This activity complements work on a wider stakeholder mapping exercise being undertaken by GWP-MED under the “Governance and Financing” project. The GWP-MED exercise does not cover local private sector.

The expected output of the activity is a local stakeholder map of the private sector interested in PPPs in pollution reduction infrastructure and a capacity needs assessment.

The estimated man-days are: 12 man-days for KE, and 40 man-days for NKE.

Activity 2.2.13 Workshop for building the capacity of the public sector and the private Insurance Sector in identifying, assessing and managing risk in Private – Public Partnership.

The objective of this activity is the build the capacity of the public sector and the local insurance sector in identifying, assessing and managing risk in PPPs for environmental infrastructure.

Risk and risk sharing is one of the main components of PPPs. The role of insurance companies in covering risks is important but their involvement has not been important so far.



The expected result from this activity is to build the capacity of the public sector and the local private insurance companies in understanding risks and potentially covering them through the involvement of insurance companies. The estimated level of efforts is 15 man-days for KEs and 30 man-days for NKEs.

Activity 3.1.7 Strengthening the capacity of the SWIM partners countries in the assessment of the cost of Water Resources Degradation at the Basin Level

The objective of the assignment is to: (a) anchor the CAWRD work in the region in order to enhance regional and national capacity in water resources economics. This will entail the dissemination of the CAWRD methodology through policy studies and training; and (b) to better integrate the water sector development at the basin level with the country's environmental objectives. The two-pronged approach is to gain a better understanding of the patterns of water use in the different economic sub-sectors as well as the related adverse environmental impacts at the basin and national level and their anticipated evolution in time. The level of effort is being estimated but indicatively will need around 90 workdays of NKE involvement.

4.1.3 Under the pillar of non-conventional water resources

Activity 3.2.4: Convene a high-level techno-political policy dialogue in Brussels to debate the prospects of desalination on the Mediterranean Sea.

Objectives: The main objective of the high level techno-political policy dialogue is to reach a consensus by convening a high-level techno-political policy dialogue in Brussels 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.

This regional policy dialogue will take stocks from the 2012 & 2013 assessments, data and results achieved by SWIM-SM program. The dialogue shall be attended by high ranking water policy makers, high level representatives of national environmental authorities, national planners, SWIM-SM Core Desalination Group (CDG), national experts, parliamentarians, two regional NGOs and 4 academicians from relevant disciplines. This activity will be coordinated and synergized with relevant regional and international organizations such MED-POL, UfM, EBD, MEDRC, etc.

The dialogue will encompass the following issues: (1) Available water resources & demand characteristics in the Med Region (2) Candidate desalination processes based on available water resources and Renewable Energy Sources adaptable to the region, (3) Sustainability of desalination with special focus on cumulative impacts on the marine environment, (4) Regional desalination policies, (5) Identification of capacity development needs:

Level of Effort: 25 man-days for KE and 45 man-days for NKE.

Activity 2.2.14: Convene a capacity development workshop (3 days) followed by a study tour (2 days) on state-of-the-art practices in desalination using renewable energies.

Objectives: The main objective of this activity is to build the capacity of seawater desalination decision makers on state-of-the-art practices in desalination using renewable energies through 3 days training workshop followed by 2 days study tour in an advanced desalination center using Concentrated Solar Power (CSP) in Europe.

Expected outcomes: The capacity building workshop and study tour shall be attended by water policy makers, representatives of national environmental authorities & two regional NGOs. This activity will be coordinated and synergized with relevant regional and international organizations such MED-POL, MEDRC, etc.



The workshop will provide the necessary understanding, why CSP has an outstanding meaning for future sustainable sea water desalination by renewable energies. It will also include sustainable desalination aspects such as planning, management, technology, legal issues, funding models, etc. Prior to addressing CSP desalination issues, technical subject such as energy demand of desalination (RO, MSF), energy demand in perspective, environmental implications of energy use, air pollution and thermal pollution and impact mitigation shall be addressed.

Level of Effort: 25 man-days for KE in addition to sub-contracting a European institution specialized in desalination using renewable energy.

5 CONCLUSIONS AND NEXT STEPS

- In sum, the implementation of SWIM-SM activities during the current reporting period (March-August 2013) followed closely and aligned with the 2013 annual workplan, as agreed with the EC and endorsed by the PCs during the 2nd SC Meeting (17-18 October 2012, Brussels). On occasion, deviations of timeline were deemed necessary for the successful completion of assignments, with some activities requiring a slightly longer timeframe while a few others were completed ahead of schedule. A detailed presentation of progress per work package and activity has been provided previously under Section 2.2.
- Based on feedback from country stakeholders and other regional actors, SWIM-SM seems to be successfully responding to its prescribed role as a synergistic driver in the water sector of ENPI South Mediterranean countries and as a strong dissemination “agent” of IWRM and sustainable water practices. Feedback concerning the majority of activities, and particularly trainings, capacity building courses and study tours, has been most positive both from participants and other stakeholders. At the same time, the findings of technical work have been well received, discussed and endorsed during multi-stakeholder consultation workshops. This effort has been supported by the application of the SWIM-SM triptych methodology [Study – Training – Consultation) that has proven appropriate and of added value. At the same time, this *modus operandi* has kept stakeholders well informed and actively involved throughout an activity’s process and has equipped them (as appropriate) with new concepts and tools.
- Despite the wide scope of work (already set in the project’s Terms of Reference) and the variations across activities in terms of coverage, depth of analysis or impact, all activities form part of the single SWIM-SM puzzle and serve the set objectives by linking the work packages with the four pillars. Our consortium strongly advocates continuity, legacy, practicality and impact. The efforts of the first year of implementation of a wide array of activities, has led to a fewer number, but more focused, activities that capitalise (as appropriate) on the findings of completed SWIM-SM activities and expand on issues of priority for the PCs, thus functioning as building blocks for triggering change.
- True to its claim of being a synergetic driver, SWIM-SM has implemented a set of activities based on the operational linkages it has developed with other programmes, processes and initiatives (e.g. joint capacity building with UNESCO-IHE, MEDRC, MEHSIP, EIB, a series of joint trainings with H2020 CB MEP, co-organisation of Workshops on Non-Conventional Water Resources Management with MED EUWI, advanced joint work on replication with MedPartnership, co-organising Integrated Water Resources Management and Integrated Coastal Zone Management, etc). Aligning with the SWIM-SM’s objectives, actively promoting synergy and coordination remains a priority for activities planned for 2014, including the identification of new partners for collaboration.
- Following the launching of the five SWIM-Demos in December 2011, the two SWIM components have established a common understanding of work and have jointly set modes for collaboration. The second coordination meeting of SWIM-SM and SWIM-DM held in Brussels in October 2012 assisted considerably towards that direction. In view of enhancing the collaboration between the SM and Demos as well as among the Demos, a mechanism for exchanging information and alerting SM/Demo partners is currently in



place to inform on upcoming events and activities ahead of time. This mechanism is expected to provide better opportunities for synergy and collaboration on issues of common interest.

- Regarding the next steps, the SWIM-SM team will continue working intensively and diligently for the successful implementation of the workplan (reaching until the end of the project in December 2014) and will proceed with even more focused/higher impact line of work, while capitalizing on outputs already delivered from previous activities. In the last phase of SWIM-SM, the project is planning to emphasize more on activities of high visibility with the view to demonstrate to the countries of the region and the international community at large the main project's achievements.
- In the absence of progress with the draft Strategy for Water in the Mediterranean, ways to render SWIM-SM more political, within its scope, while addressing either new approaches to already identified challenges or deepening on less elaborated aspects of established water agendas, were discussed at the coordination meeting between the SWIM-SM Management and the EC, July 2013, in Brussels; they are reflected in the minutes of the meeting and are already followed up, particularly in view of the 3rd SC Meeting.
- It is important to note that despite the positive aspects of the Arab Spring, the associated political instability and insecurity represent serious challenges towards the implementation of the SWIM-SM project in a timely manner in some countries and in addressing certain target groups. There is increased likelihood that this instability will continue, potentially even increase and possibly proliferate in other PCs, which may imply higher risks and potential need for adjustments in the work plan. The SWIM-SM team remains alert to these eventualities and stands ready to take the necessary actions and ensure the successful implementation of the project.
- As with the previous period, during the current reporting period, the project team was very often faced with the contradiction of more activities versus more focus. This has been discussed with the EC and need to be further deliberated upon in the next meetings with the EC task manager so that SWIM-SM clearly keeps its strategic orientation, given that “anchor” activities that would have initially been the drivers of the project (e.g. services in support of the new Strategy for Water in the Mediterranean) could not materialize because of political reasons as mentioned above.