

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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2nd Progress Report - Narrative Section
2nd Submission

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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

¹ added as beneficiary country on 27 March 2012

² in 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
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, occupied Palestinian territory, 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

2.1 Project Management Arrangements

2.1.1 Arrangements for the 2nd Project's Steering Committee meeting (PSC)

The national Focal Points (FP) and Environmental Liaison Officers (ELO) in all beneficiary countries have not been changed since the last reporting period, except for Tunisia, where a new focal point has been nominated, Ms Sondes Kamoun, Directeur General Bureau de Planification et des Equilibres Hydrauliques. In Egypt the newly appointed national FP is Dr. Essam Khalifa, Sector Head, Minister's Office, Ministry of Water Resources & Irrigation. Egypt has recently nominated its ELO, Dr. Atwa Hussien Ahmed Atwa- Head of Central Department for improving Industrial Environment, whereas the ELO of Algeria is still pending.

Arrangements for the 2nd PSC have already commenced and a 'save the date' message has been sent to both FPs and LOs, as well as to a number of relative institutions and stakeholders. The meeting will take place in Brussels on 17 and 18 October 2012 and its objectives are: a) to report on project's progress for the first year of implementation and provide an overview of the lessons learnt b) to promote a constructive dialogue and consultation and agree upon the project's future regional and multi-beneficiary activities planned for the project's second year of implementation; c) to further strengthen the cooperation amongst the PCs in the fields of IWRM and; d) to reaffirm the role of SWIM-SM project as a platform for exchange of information and experiences between PCs on various technical aspects. Update on progress made by the SWIM Demos is also foreseen during the meeting, while a special coordination meeting between the SM and the Demos is scheduled for 16 October 2012, in conjunction with the 2nd PSC.

The 2nd PSC will bring together the SWIM Focal Points and Environmental Liaison Officers from the PCs, officials of the European Commission (including the European Delegations in the SWIM PCs), representatives of donor agencies active in the Mediterranean, regional institutions and stakeholders. It should be noted that NGOs/civil society representatives are invited to every PSC meeting. Due to budget limitations and the fact that NGOs are not the main beneficiaries of the SWIM-SM project, the attention is primarily paid to the selection of those NGOs whose expertise and field of interest are directly linked with SWIM-SM activities and topics.

The PSC meetings are held annually and the third PSC is scheduled to be held approximately at the same period in 2013 (October 2013). Its venue place will be decided according to EC's guidance.

2.1.2 Mobilisation of Key and Non Key Experts

The Project Team with the four Key Experts has been mobilised since the beginning of the project in December 2010. Because of the late mobilisation of the NKEs due to the developments in the Arab World (Arab Spring) and the overdue realisation of the 1st PSC meeting in December 2012, during this reporting period the mobilisation of the NKEs was quite heavy and condensed in less man-months than the average 12-month reporting period.

The working and recruitment procedures of the NKEs are defined in accordance with the PRAG. Although the general requirements for the NKEs have been developed according to the nature and duration of the project, the recruitment of such experts will be an on-going process that will continue throughout the project.

In line with activities to be implemented by the project, draft ToRs for short NKEs assignments were prepared and formally submitted to EC for approval from 17 March 2012 till 31 August 2012. Thus, a significant number of short-time NKEs have been engaged for the specific needs of the planned tasks and deliverables. 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	ToR	Date of ToR approval	Allocated man-days
1. Mr. Stylianos Zacharias	WORK PACKAGE 5: DEVELOPMENT OF A COMMUNICATION AND AWARENESS RAISING STRATEGY	SUPPORT TO PROJECT COMMUNICATION ACTIVITIES	25.11.2011	44
2. Mr. Adil Bushnak	ACTIVITY 3.1.1 ASSESSMENT ON THE BEST AVAILABLE TECHNOLOGIES AND TECHNICAL AND ECONOMIC POTENTIALS RELATED TO WASTEWATER REUSE, AQUIFER RECHARGE, DESALINATION, ETC AT REGIONAL LEVEL AND THEIR APPLICATION AT NATIONAL LEVEL.	ASSESSMENT OF BEST AVAILABLE TECHNOLOGIES (BAT) FOR WASTEWATER REUSE IN RURAL/LOCAL AREAS	12.1.2012	20
3. Mr. Vangelis Constantianos	ACTIVITY 4.1/2/4.1 PROPOSED CRITERIA FOR SELECTION OF SUCCESS STORIES	SUPPORT TO REPLICATION OF SUCCESS STORIES AND BEST PRACTICES IN THE SWIM-SM PARTNER COUNTRIES	27.1.2012	15
4. Mr. Mutaz Taher	ACTIVITY 1.1.3 REGIONAL WORKSHOP - FACILITATOR	REGIONAL EXPERT WORKSHOP - WATER USERS' PARTICIPATION IN THE SWIM-SM PROJECT COUNTRIES	15.2.2012	8
5. Mrs. Attia Fatma Abdel Rahman	ACTIVITY 1.1.3 REGIONAL ASSESSMENT - DATA COLLECTION EGYPT	REGIONAL EXPERT WORKSHOP - WATER USERS' PARTICIPATION IN THE SWIM-SM PROJECT COUNTRIES	15.2.2012	10
6. Mrs. Emanuela Gasbarroni	WORK PACKAGE 5: DEVELOPMENT OF A COMMUNICATION AND AWARENESS RAISING STRATEGY	SUPPORT TO SWIM-SM COMMUNICATION ACTIVITIES	16.2.2012	20
7. Mrs. Himmich Zouhour	WORK PACKAGE 5: DEVELOPMENT OF A COMMUNICATION AND AWARENESS RAISING STRATEGY	SUPPORT TO SWIM-SM COMMUNICATION ACTIVITIES	16.2.2012	17
8. 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	20
9. Mrs. Anthi Brouma	ACTIVITY 1.1.1 REGIONAL REVIEW AND POLICY DIALOGUE ON NATIONAL WATER PLANS AND/OR STRATEGIES: ASSISTANCE IN THE ELABORATION OF COUNTRY BRIEFS IN THE PCS BASED ON EMERGING ISSUES AND EVENTS (E.G. FOR RIO+20) AND WITH FORMAL COUNTRY INPUT	REGIONAL REVIEW OF NATIONAL WATER PLANS AND/OR STRATEGIES	3.4.2012 ³	45
10. Mr. Ibrahim Gelil	ACTIVITY 1.2.3 DEVELOPMENT OF GUIDELINES FOR MAINSTREAMING CLIMATE CHANGES NO-REGRET ACTIONS INTO IWRM POLICIES	DEVELOPMENT OF GUIDELINES FOR MAINSTREAMING CLIMATE CHANGES NO-REGRET ACTIONS INTO IWRM POLICIES	30.4.2012	25
11. Mr. Hussein Abaza	ACTIVITY 3.1.1 PART-B ASSESSMENT ON THE BEST AVAILABLE TECHNOLOGIES AND TECHNICAL AND ECONOMIC POTENTIALS RELATED TO WASTEWATER	ECONOMIC CONSIDERATIONS FOR PLANNING DESALINATION IN SOUTH MEDITERRANEAN COUNTRIES	3.5.2012	25

³ Oral approval has been given by the EC Task Manager in February 2012



Name of NKE	Assigned Task / Deliverable	ToR	Date of ToR approval	Allocated man-days
12. Mr. Sherif Arif	REUSE, AQUIFER RECHARGE, DESALINATION, ETC AT REGIONAL LEVEL AND THEIR APPLICATION AT NATIONAL LEVEL ACTIVITY 1.2.2 DEVELOPMENT OF GUIDELINES FOR MAINSTREAMING NO REGRET ACTIONS IN IWRM POLICIES, PROGRAMS AND PROJECTS AT REGIONAL LEVEL / POLICY AND INSTITUTIONAL ANALYSIS	ASSESSMENT OF THE COST OF ENVIRONMENTAL DEGRADATION AT THE BASIN LEVEL ON MOROCCO AND TUNISIA	3.5.2012	36
13. Mr. Fadi Doumani	ACTIVITY 1.2.2 DEVELOPMENT OF GUIDELINES FOR MAINSTREAMING NO REGRET ACTIONS IN IWRM POLICIES, PROGRAMS AND PROJECTS AT REGIONAL LEVEL / POLICY AND INSTITUTIONAL ANALYSIS / WATER ECONOMIST	ASSESSMENT OF THE COST OF ENVIRONMENTAL DEGRADATION AT THE BASIN LEVEL ON MOROCCO AND TUNISIA	3.5.2012	40
14. Mr. Stefane Simonet	ACTIVITY 2.2.2.C PROVISION OF TECHNICAL ASSISTANCE TO SELECTED COUNTRIES FOR THE IDENTIFICATION AND DEVELOPMENT OF NO-REGRET ACTIONS/ CONSULTANT	PROVISION OF TECHNICAL ASSISTANCE TO SELECTED COUNTRIES FOR THE IDENTIFICATION AND DEVELOPMENT OF NO-REGRET ACTIONS THROUGH TRAINING INVOLVEMENT OF THE KEY EXPERT THAT HAS CARRIED OUT THE ASSESSMENT OF BEST AVAILABLE TECHNOLOGIES (BAT) FOR DESALINATION IN RURAL/LOCAL AREAS IN THE CORE DESALINATION GROUP (CDG) MEETING IN ATHENS FROM 11 TO 12 JUNE 2012	7.5.2012	32
15. Mr. Adil Bushnak	ACTIVITY 3.1.1 ASSESSMENT ON THE BEST AVAILABLE TECHNOLOGIES AND TECHNICAL AND ECONOMIC POTENTIALS RELATED TO WASTEWATER REUSE, AQUIFER RECHARGE, DESALINATION, ETC AT REGIONAL LEVEL AND THEIR APPLICATION AT NATIONAL LEVEL. / SPEAKER	ASSESSMENT OF THE COST OF ENVIRONMENTAL DEGRADATION AT THE BASIN LEVEL ON MOROCCO AND TUNISIA	8.5.2012	3 ⁴
16. Mr. Fotis Evangelatos	ACTIVITY 3.1.1 ASSESSMENT ON THE BEST AVAILABLE TECHNOLOGIES AND TECHNICAL AND ECONOMIC POTENTIALS RELATED TO WASTEWATER REUSE, AQUIFER RECHARGE, DESALINATION, ETC AT REGIONAL LEVEL AND THEIR APPLICATION AT NATIONAL LEVEL. / RAPORTEUR	RAPORTEUR (NOTE TAKER) IN THE CORE DESALINATION GROUP (CDG) MEETING IN ATHENS FROM 11 TO 12 JUNE 2012	8.5.2012	2
17. Mr. Tony Allen	ACTIVITY 1.1.1 REGIONAL REVIEW OF NATIONAL WATER PLANS AND/OR STRATEGIES	PARTICIPATION OF 2 HIGH-CALIBER EXPERTS WORKSHOP FOR PLANNING OF WATER RESOURCES TO BE HELD IN ATHENS 13 AND 14 JUNE 2012	8.6.2012	3
18. Mrs. Miriam Balaban	ACTIVITY 3.1.1 ASSESSMENT ON THE BEST AVAILABLE	FUNCTIONS OF THE DESALINATION CORE	⁵	3

⁴ Mr. Bushnak was initially allocated 6 man-days according to ToR. Due to his unavailability to update the assessment report on time, Mrs. Sensi approved to reallocate 3 man-days from Mr. Bushnak to Mr. Evangelatos



Name of NKE	Assigned Task / Deliverable	ToR	Date of ToR approval	Allocated man-days
	TECHNOLOGIES AND TECHNICAL AND ECONOMIC POTENTIALS RELATED TO WASTEWATER REUSE, AQUIFER RECHARGE, DESALINATION, ETC AT REGIONAL LEVEL AND THEIR APPLICATION AT NATIONAL LEVEL / MEMBER OF THE DESALINATION CORE GROUP	GROUP		
19. Mr. Nicos Tsiourtis	ACTIVITY 3.1.1 ASSESSMENT ON THE BEST AVAILABLE TECHNOLOGIES AND TECHNICAL AND ECONOMIC POTENTIALS RELATED TO WASTEWATER REUSE, AQUIFER RECHARGE, DESALINATION, ETC AT REGIONAL LEVEL AND THEIR APPLICATION AT NATIONAL LEVEL/ MEMBER OF THE DESALINATION CORE GROUP	FUNCTIONS OF THE DESALINATION CORE GROUP / MEMBER OF THE DESALINATION CORE GROUP	⁶	3
20. Mr. Paul Taylor	ACTIVITY 1.1.1 REGIONAL REVIEW OF NATIONAL WATER PLANS AND/OR STRATEGIES	PARTICIPATION OF 2 HIGH-CALIBRE EXPERTS WORKSHOP FOR PLANNING OF WATER RESOURCES, ATHENS, 13 AND 14 JUNE 2012	8.6.2012	3
21. Mr. Jos Peters, Mr. Yoav Yinon, Mr. Eldad Elron, Mr. Efrat Ling, Mr. Gilad Safier, Mr. Avraham Zavdi	ACTIVITY 2.2.2.A REGIONAL TRAINING ON INNOVATIVE AND ADAPTABLE TECHNOLOGIES FOR TREATED WASTEWATER REUSE, INCLUDING THE RECHARGE OF AQUIFERS AND SUSTAINABLE DESALINATION - IN COORDINATION OR JOINT ORGANISATION WITH THE NATIONAL TRAININGS OF H2020 CB/MEP FOR POTENTIAL COMBINATION AND/OR INCREASE IN THE NUMBER OF TRAININGS/ INTERNATIONAL CONSULTANT & TRAINERS	SUB-REGIONAL WORKSHOP ON "INNOVATIVE AND ADAPTABLE TECHNOLOGIES FOR TREATED WASTEWATER RE-USE, INCLUDING THE RE-CHARGE OF AQUIFERS AND DESALINATION"	8.6.2012	23
22. Mrs. Sarra Touzi	ACTIVITY 1.2.2 DEVELOPMENT OF GUIDELINES FOR MAINSTREAMING NO REGRET ACTIONS IN IWRM POLICIES, PROGRAMS AND PROJECTS AT REGIONAL LEVEL / POLICY AND INSTITUTIONAL ANALYSIS/ NKE FOR TUNISIA	ASSESSMENT OF THE COST OF ENVIRONMENTAL DEGRADATION AT THE BASIN LEVEL ON MOROCCO AND TUNISIA	19.6.2012	15
23. Mr. Mohamed Jalil	ACTIVITY 1.2.2 DEVELOPMENT OF GUIDELINES FOR MAINSTREAMING NO REGRET ACTIONS IN IWRM POLICIES, PROGRAMS AND PROJECTS AT REGIONAL LEVEL / POLICY AND INSTITUTIONAL ANALYSIS/ NKE FOR MOROCCO	ASSESSMENT OF THE COST OF ENVIRONMENTAL DEGRADATION AT THE BASIN LEVEL ON MOROCCO AND TUNISIA	19.6.2012	15
24. Mr. Ayman Rabi	ACTIVITY 3.1.4 STRENGTHEN IMPLEMENTATION CAPACITY OF NATIONAL WATER PLANS AT LOCAL LEVEL WITH EMPHASIS ON FINANCIAL SUSTAINABILITY	STRENGTHEN IMPLEMENTATION CAPACITY OF NATIONAL WATER PLANS AT LOCAL LEVEL WITH EMPHASIS ON FINANCIAL SUSTAINABILITY	25.6.2012	30

⁵ Written approval pending⁶ Written approval pending



Name of NKE	Assigned Task / Deliverable	ToR	Date of ToR approval	Allocated man-days
25. Mr. Brian Shipman	ACTIVITY 2.2.1.B SUB REGIONAL TRAINING ON THE INTER-LINKAGES BETWEEN INTEGRATED WATER RESOURCES MANAGEMENT (IWRM) AND INTEGRATED COASTAL ZONE MANAGEMENT (ICZM)/ ICZM EXPERT	REGIONAL CAPACITY BUILDING PROVISION OF TRAINING ON INTEGRATED WATER RESOURCES MANAGEMENT AND INTEGRATED COASTAL MANAGEMENT CONCEPTS, PRINCIPLES AND TOOLS	25.6.2012	9
26. Mrs. Anthi Brouma	ACTIVITY 2.2.1.B SUB REGIONAL TRAINING ON THE INTER-LINKAGES BETWEEN INTEGRATED WATER RESOURCES MANAGEMENT (IWRM) AND INTEGRATED COASTAL ZONE MANAGEMENT (ICZM)/IWRM EXPERT	REGIONAL CAPACITY BUILDING PROVISION OF TRAINING ON INTEGRATED WATER RESOURCES MANAGEMENT AND INTEGRATED COASTAL MANAGEMENT CONCEPTS, PRINCIPLES AND TOOLS	25.6.2012	8
27. Mrs Annika Zacharia, Mrs Lia Travlou, Mr. John Panayotopoulos, Mrs Elda Kyriakidou, Mr. Stelios Zacharias, Mrs. Caroline Vilos	ALL ACTIVITIES INVOLVING EVENTS, WORKSHOPS, TRAINING, ETC.	EVENT COORDINATORS	3.4.2012 & 12.7.2012	80
28. Mr. Fotis Evangelatos	ACTIVITY 3.1.1 ASSESSMENT ON THE BEST AVAILABLE TECHNOLOGIES AND TECHNICAL AND ECONOMIC POTENTIALS RELATED TO WASTEWATER REUSE, AQUIFER RECHARGE, DESALINATION, ETC AT REGIONAL LEVEL AND THEIR APPLICATION AT NATIONAL LEVEL. / REVIEW OF BAT ASSESSMENT	INVOLVEMENT OF THE KEY EXPERT THAT HAS CARRIED OUT THE ASSESSMENT OF BEST AVAILABLE TECHNOLOGIES (BAT) FOR DESALINATION IN RURAL/LOCAL AREAS IN THE CORE DESALINATION GROUP (CDG) MEETING IN ATHENS FROM 11 TO 12 JUNE 2012	13.7.2012	3
29. Mrs. Anthi Brouma	ACTIVITY 2.2.1.A TRAINING OF GOVERNMENT OFFICIALS ON THE PREPARATION OF WATER PLANS/STRATEGIES BACK-TO-BACK WITH THE REGIONAL WORKSHOP	TRAINING OF GOVERNMENT OFFICIALS ON THE PREPARATION OF WATER PLANS/STRATEGIES BACK-TO-BACK WITH THE REGIONAL WORKSHOP	18.7.2012	6
30. Mr. Michel Soulie	ACTIVITY 1.1.2 ELABORATION OF A WASTEWATER STRATEGY AND/OR ACTION PLAN - EGYPT, MOROCCO & TUNISIA/ INTERNATIONAL CONSULTANT	REVIEW AND ANALYSIS OF WASTEWATER STRATEGIES AND/OR ACTION PLANS STATUS - EGYPT, MOROCCO & TUNISIA	23.7.2012	54
31. Mr. Yehya Ashrey	ACTIVITY 1.1.2 ELABORATION OF A WASTEWATER STRATEGY AND/OR ACTION PLAN - EGYPT, MOROCCO & TUNISIA - DATA COLLECTION, EGYPT	REVIEW AND ANALYSIS OF WASTEWATER STRATEGIES AND/OR ACTION PLANS STATUS - EGYPT, MOROCCO & TUNISIA	23.7.2012	10
32. Ms. Sara Touzi	ACTIVITY 1.1.2 ELABORATION OF A WASTEWATER STRATEGY AND/OR ACTION PLAN - EGYPT, MOROCCO & TUNISIA - DATA COLLECTION, TUNISIA.	REVIEW AND ANALYSIS OF WASTEWATER STRATEGIES AND/OR ACTION PLANS STATUS - EGYPT, MOROCCO & TUNISIA	23.7.2012	10



Name of NKE	Assigned Task / Deliverable	ToR	Date of ToR approval	Allocated man-days
33. Mr. Khaled Nadifi	ACTIVITY 1.1.2 ELABORATION OF A WASTEWATER STRATEGY AND/OR ACTION PLAN - EGYPT, MOROCCO & TUNISIA - DATA COLLECTION, MOROCCO	REVIEW AND ANALYSIS OF WASTEWATER STRATEGIES AND/OR ACTION PLANS STATUS - EGYPT, MOROCCO & TUNISIA	23.7.2012	10
34. Mr. Larbie Baghdalli	ACTIVITY 4.1/2/4.5 DOCUMENTATION OF BEST PRACTICES IN NON-REVENUE WATER MANAGEMENT- ALGERIA, ISRAEL, JORDAN & MOROCCO -- DOCUMENTATION ALGERIA	DOCUMENTATION OF BEST PRACTICES IN NON-REVENUE WATER MANAGEMENT- ALGERIA, ISRAEL, JORDAN & MOROCCO	23.7.2012	15
35. Mr. Yoav Yinon	ACTIVITY 4.1/2/4.5 DOCUMENTATION OF BEST PRACTICES IN NON-REVENUE WATER MANAGEMENT- ALGERIA, ISRAEL, JORDAN & MOROCCO -- DOCUMENTATION ISRAEL	DOCUMENTATION OF BEST PRACTICES IN NON-REVENUE WATER MANAGEMENT- ALGERIA, ISRAEL, JORDAN & MOROCCO	23.7.2012	15
36. Mr. Mustafa Nasereddin	ACTIVITY 4.1/2/4.5 DOCUMENTATION OF BEST PRACTICES IN NON- REVENUE WATER MANAGEMENT- ALGERIA, ISRAEL, JORDAN & MOROCCO -- DOCUMENTATION JORDAN	DOCUMENTATION OF BEST PRACTICES IN NON-REVENUE WATER MANAGEMENT- ALGERIA, ISRAEL, JORDAN & MOROCCO	23.7.2012	15
37. Mr. Khaled Nadifi	ACTIVITY 4.1/2/4.5 DOCUMENTATION OF BEST PRACTICES IN NON-REVENUE WATER MANAGEMENT- ALGERIA, ISRAEL, JORDAN & MOROCCO -- DOCUMENTATION MOROCCO	DOCUMENTATION OF BEST PRACTICES IN NON-REVENUE WATER MANAGEMENT- ALGERIA, ISRAEL, JORDAN & MOROCCO	23.7.2012 ⁷	15
38. Mrs Sarra Fernandez	ACTIVITY 2.2.2.C PROVISION OF TECHNICAL ASSISTANCE TO SELECTED COUNTRIES FOR THE IDENTIFICATION AND DEVELOPMENT OF NO-REGRET ACTIONS/INSTRUCTOR	PROVISION OF TECHNICAL ASSISTANCE TO SELECTED COUNTRIES FOR THE IDENTIFICATION AND DEVELOPMENT OF NO-REGRET ACTIONS THROUGH TRAINING	23.7.2012	5 ⁸
39. Mr. Jamal Alibou	ACTIVITY 2.2.2.C PROVISION OF TECHNICAL ASSISTANCE TO SELECTED COUNTRIES FOR THE IDENTIFICATION AND DEVELOPMENT OF NO-REGRET ACTIONS/INSTRUCTOR	PROVISION OF TECHNICAL ASSISTANCE TO SELECTED COUNTRIES FOR THE IDENTIFICATION AND DEVELOPMENT OF NO-REGRET ACTIONS THROUGH TRAINING	23.7.2012	5 ⁹
40. Dr. Fatma El-Gohary	4.1/2/4.3. DOCUMENTING EXISTING PRACTICES USED BY ALGERIA, MOROCCO AND TUNIS USING ECONOMIC VALUATION FOR DECISION MAKING IN THE WATER SECTOR/ DOCUMENTATION EGYPT	TECHNICAL ASSISTANCE DOCUMENTATION OF SUCCESSFUL INTERVENTIONS IN EGYPT, JORDAN, ISRAEL AND MOROCCO WITH REGARD TO INCREASED EFFICIENCY AND EFFECTIVENESS OF TREATED WASTEWATER REUSE IN AGRICULTURE AND GROUNDWATER RECHARGE	23.7.2012	15

⁷ Approval pending for the replacement of Mr. Filali with Mr. Nadifi

⁸ Allocated man-days in ToR for the instructors are three without traveling

⁹ Allocated man-days in ToR for the instructors are three without traveling



Name of NKE	Assigned Task / Deliverable	ToR	Date of ToR approval	Allocated man-days
41. Dr. Redouane Choukralah	4.1/2/4.3. DOCUMENTING EXISTING PRACTICES USED BY ALGERIA, MOROCCO AND TUNIS USING ECONOMIC VALUATION FOR DECISION MAKING IN THE WATER SECTOR/DOCUMENTATION MOROCCO	TECHNICAL ASSISTANCE DOCUMENTATION OF SUCCESSFUL INTERVENTIONS IN EGYPT, JORDAN, ISRAEL AND MOROCCO WITH REGARD TO INCREASED EFFICIENCY AND EFFECTIVENESS OF TREATED WASTEWATER REUSE IN AGRICULTURE AND GROUNDWATER RECHARGE	23.7.2012	15
42. Mrs. Nadia Zouhari	4.1/2/4.3. DOCUMENTING EXISTING PRACTICES USED BY ALGERIA, MOROCCO AND TUNIS USING ECONOMIC VALUATION FOR DECISION MAKING IN THE WATER SECTOR/DOCUMENTATION JORDAN	TECHNICAL ASSISTANCE DOCUMENTATION OF SUCCESSFUL INTERVENTIONS IN EGYPT, JORDAN, ISRAEL AND MOROCCO WITH REGARD TO INCREASED EFFICIENCY AND EFFECTIVENESS OF TREATED WASTEWATER REUSE IN AGRICULTURE AND GROUNDWATER RECHARGE	23.7.2012	15
43. Mr. Amos Efron	4.1/2/4.3. DOCUMENTING EXISTING PRACTICES USED BY ALGERIA, MOROCCO AND TUNIS USING ECONOMIC VALUATION FOR DECISION MAKING IN THE WATER SECTOR /DOCUMENTATION ISRAEL	TECHNICAL ASSISTANCE DOCUMENTATION OF SUCCESSFUL INTERVENTIONS IN EGYPT, JORDAN, ISRAEL AND MOROCCO WITH REGARD TO INCREASED EFFICIENCY AND EFFECTIVENESS OF TREATED WASTEWATER REUSE IN AGRICULTURE AND GROUNDWATER RECHARGE	23.7.2012	15



2.1.3 Management meetings

During this reporting period the Project Team and key core team (Key Experts, LDK and GWP-Med representatives) met twice on 15-16/6/2012 and on 20-21/7/2012 in order to take into consideration and streamline all the required and emerging issues.

2.1.4 Monitoring & Evaluation (M&E)

The main instruments for monitoring project implementation are:

- 1. The Logical Framework 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 indicators and outputs remain as agreed with the beneficiaries during the SC meeting.
2. The Work Plan for the next 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.

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 results to be achieved. For consistency with the overall work plan for the first year of implementation, reference is maintained to activities reported in the previous progress report

2.2.1 Project Management and Backstopping

Table with 2 columns: Activity: Project Management & Backstopping, and a detailed table with rows for Progress to date, Variations from Technical Proposal that occurred or are proposed, and 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

Activity commenced after the inception phase.

1.1.1 Regional review and policy dialogue on National Water Plans and/or Strategies

Objective: To provide PCs and the international community, at large, with an assessment and close-up look on the status of national water planning in one of the most arid regions of the world. In addition to a regional review of the situation, the study aims to assess achievements, constraints, challenges and shortcomings of the current water plans and/or strategies, identify opportunities and formulate recommendations and socially sensitive policy options towards effective implementation of water plans and/or strategies based on a detailed analysis in 3 PCs (i.e. Lebanon, Jordan, Tunisia) within an IWRM context. A targeted 2-day Regional Expert Workshop to be organised in order to promote the policy dialogue on IWRM and review, discuss and guide the completion of the Review.

Progress: The assessment was conducted, report produced, reviewed and discussed in Athens in an expert group meeting (13-14 June 2012, Athens, Greece). The report was amended and finalised incorporating expert's comments.

Estimated percent progress: 100%

Date of completion: Activity completed

Products: A Report (regional review of national water plans and/or strategies developed by SWIM-SM, focused on 3 PCs) and a Final document validated during the Expert Regional Workshop on Planning of Water Resources in the beneficiary countries from regional expert group meeting, (the final Report is uploaded at the SWIM-SM's web site).

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: ToR was prepared and approved by the EC. An international NKE was mobilised, together with three national NKEs to support the international NKE in the data collection. Activities on this assignment commenced on 2 August 2012.

Estimated percent Progress: 40%

Projected date of completion: 10 Jan 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. MoMs from consultation meetings to be developed, as the 3 national consultations will be held in Nov. 2012. They will be uploaded in due course at SWIM-SM's web site.

1.1.3 Enhance knowledge on water governance at the local level

Objective: Enhance knowledge on water governance at the local level and identify concrete



actions for improving local water management and reinforcing users' participation in the project countries and the organisation of a regional workshop to present the findings, share experiences and best practices at regional level.

Progress: The final report was submitted at the end of July 2012 and disseminated. The first draft of the regional assessment was presented for review, discussion and validation to an expert group meeting in Athens (23-24 April 2012, Athens, Greece). The meeting report was disseminated in June 2012 to all invited experts, focal points, and all relevant regional and international organisations.

Estimated percent Progress: 100%

Date of Completion: Activity completed

Products: 1) Report presenting an analytical assessment on the status of water users associations in the region is going to be uploaded very soon at the SWIM-SM's web site. 2) MoMs from expert group meeting.

Variations from Technical Proposal that occurred or are proposed

None – planned activities follow the directions provided in the Technical Proposal

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

Progress to date

Activity commenced after the inception phase with some activities realised before the finalisation of the Inception Report.

1.2.1 Organise one day Workshop on Non-Conventional Water Resources Management (16 September, Athens, Greece)

Objective: Discuss with PCs in a one day workshop the regional priorities on wastewater reuse and desalination to ensure alignment of the project priorities and activities with regional needs, and solicit feedback on the possible formation of a Core Expert Group on Desalination within SWIM-SM to promote dialogue among technical and political partners on the feasibility of desalination using renewable energy sources.

Progress: Workshop was held in Athens, Greece, on 16 September 2011, back-to-back with the Regional Conference on Advancing Non-Conventional Water Resources Management (14-15 September). Concept note on NCWR was amended to incorporate feedback from the participants. The EC-approved the minutes of the meeting, which were then circulated to all NFPs. ToR for the core expert group on desalination prepared and 5 eminent international experts were identified.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Report from workshop in English & French, which very shortly will be uploaded at the SWIM-SM's web site.

1.2.2 Update costing of environmental degradation due to water pollution

Objective: To assess the cost of environmental degradation at the basin level to assist national and local decision-makers in identifying concrete actions to improve watershed management in Tunisia and Morocco through the potential for financing projects that will derive environmental benefits and reduce externalities. Two one-day workshops will be



held on 25 and 27 November 2012.

Progress: ToR prepared, amended, NKE identified, approved by EC and NKEs engaged. NKEs started their field visits on 27 July 2012.

Estimated percent progress: 45 %

Projected date of completion: 15th December 2012

Products: 2 Reports and 2 policy notes, one for each country, as well as 2 Workshop proceedings will be developed, which in due course will be uploaded at the SWIM-SM's web site.

1.2.3 Development of guidelines for mainstreaming no regret actions in IWRM policies, programs and projects at regional level

Objective: to develop a stepwise guideline on mainstreaming water sector climate change no-regret actions into IWRM national policies and plans.

Progress: ToR prepared, amended, NKE identified, approved by EC and NKE engaged. First draft delivered before the end of August 2012.

Estimated percent progress: 90%

Projected date of completion: Activity completed

Products: Developed the guidelines and a Report containing the review and guidelines on how to mainstream climate change adaptation measure of the water sector into IWRM plans and policies, which are uploaded at SWIM-SM's web site.

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

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

Progress: ToR prepared, amended and NKEs identified. Advised by the EC to postpone the activity until 2013 when we will know better on possible overlaps with other ongoing EC programmes (e.g. ENPI South Climate Change etc)

Estimated percent progress: 15%

Projected date of completion: Postponed to 2013 based on the recommendation of former EC task manager until the regional ENPI Climate programme is developed so as to ensure synergy.

Products: Two Reports containing an inventory of no-regret actions that both countries (oPt and Jordan) can undertake to adapt to the most likely impacts of climate change on the water sector, which in due course will be uploaded at SWIM-SM's web site.

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 MedPartnership's initiative

Progress: No mandate given by the EC for this activity – Probably will be activated in future



	<p>reporting periods, according to related developments also within GEF / MAP UNEP MedPartnership</p> <p>Estimated percent progress: 0%</p> <p>Projected date of completion: Cannot be defined yet</p>
Variations from Technical Proposal that occurred or are proposed	<p>Due to political sensitivities of addressing activity 1.2.2 at river basin level, Israel and Lebanon were replaced by Tunisia.</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	<p>Activity commenced after the inception phase.</p> <p>2.1.1 Prepare and maintain a contact list of national and regional centres of excellence - in close collaboration with H2020 CB/MEP</p> <p>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.</p> <p>Progress: the list has been prepared and has been shared with H2020 CB/MEP for their input. Regular update is foreseen.</p> <p>Estimated percent progress: 100 % of development of the list</p> <p>Projected date of completion: Activity completed. The maintenance/updating of the list is an on-going activity.</p> <p>Product: Contact list of national & regional centres of excellence.</p> <p>2.1.2 Based on the database, carry out a mapping exercise on ongoing and planned training activities at regional level</p> <p>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.</p> <p>Progress: Letters will be sent to the identified national and regional centres (starting September 10th) to ask them to share with us information about relevant activities to SWIM.</p> <p>Estimated percent progress: 50%</p> <p>Projected date of completion: 30 September 2012 (1st mapping exercise). The exercise will be repeated until the end of the project to update the list with possible new entries.</p> <p>Product: db containing ongoing and planned training activities at regional level.</p>
Variations from Technical Proposal that occurred or are proposed	<p>None – planned activities follow the directions provided in the Technical Proposal</p>

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



Progress to date

Activity commenced after the inception phase.

2.2.1a Training of government officials on the preparation of water plans/strategies (planned under WP1)

Objectives: To enhance the capacity of government officials on the preparation of water plans/strategies with the view of mainstreaming the water sector in other developmental sectors.

Progress: The results and case studies examined and the IWRM Regional Review (activity 1.1.1) has been used as an input to the training materials for the capacity development. The training will take place in Athens on 10 & 11 of September 2012.

Estimated percent progress: 90%

Projected date of completion: Activity nearly completed

Products: Report and MoM, uploaded at SWIM-SM's web site.

2.2.1b Sub-regional training on the inter-linkages between integrated water resources management (IWRM) and integrated coastal zone management (ICZM) - in coordination with H2020 CB/MEP

Objectives: To train government officials on the linkages between ICZM and IWRM.

Progress: Preparations were made, and invitations were sent to PCs for the training to be organised on July 17 and 18 2012 but due to a sudden sickness of the main speaker and facilitator in the event the training was postponed to the 30th and 31st of October 2012.

Estimated percent progress: 30%

Projected date of completion: 30-31 October 2012

Products: Training material and presentations on ICZM and IWRM, which will be uploaded at SWIM-SM's web site in due time.

2.2.2a Regional training on innovative and adaptable technologies for treated wastewater reuse, including the recharge of aquifers and sustainable desalination - in coordination or joint organisation with the national trainings of H2020 CB/MEP for potential combination and/or increase in the number of trainings

Objectives: To train government officials on Best Available Technologies for wastewater treatment and reuse including groundwater recharge and desalination using solar energy.

Progress: Given the regional political context and the request to hold the training in the region, the activity was broken down into two sub-regional trainings. The first sub-regional training including Morocco, Algeria, Tunisia, Egypt, and Lebanon was realised from 10 to the 13 April 2012 in Tunisia. The second sub-regional training including Jordan, the occupied Palestinian territory and Israel was organised from the 9 to 12 of July 2012 in Tel Aviv, Israel.

Estimated percent progress: 100%

Projected date of completion: Activity completed.

Products: Training material including presentations from the sub-regional trainings were produced, which in due course will be uploaded at SWIM-SM's web site.

2.2.2b Regional training on the economic valuation of river pollution using the EU WFD



methodology and the context/benefits of economic valuation at the decision-making level

Objective: To provide training to 30 participants from PCs on economic valuation of river pollution. The targeted audience is environmental economists and middle to upper level government's water and planning officials.

Progress: Two case studies (activity 1.2.2) on the economic valuation of environmental degradation in river basins in Morocco and Tunisia are underway. The preliminary results and two case studies examined in the valuation will be used as training materials in this training.

Estimated percent progress: 0 %

Projected date of completion: end of April 2013

Products: No product yet

2.2.2c Provision of technical assistance to selected countries for the identification and development of no-regret actions

Objective: to provide technical assistance to selected PCs for the identification and development of no-regret actions through 3 days training workshop. The training is expected to be complemented by the work of the Activities 1.2.3 and 1.2.4 under WP1.

Progress: ToR prepared, reviewed, NKEs identified and engaged. The meeting information note and agenda were prepared and NKEs engaged. The training material was prepared and the training will be held in Amman from 3 to 5 October 2012.

Estimated percent progress: 90 %

Projected date of completion: Activity nearly completed (3-5 October 2012)

Products: Meeting information note and Training material will be produced and uploaded in due course at SWIM-SM's web site.

2.2.2d Sub-regional training of water user associations' representatives from selected countries with part of the training provided by representatives from PCs advanced in WUAs operationalisation - in coordination with H2020 CB/MEP

Objective: To develop capacity of SWIM-PCs WUAs representatives on establishment, institutional support and management of WUAs in coordination with H2020 CB/MEP by convening two 2-day Sub-regional trainings.

Progress: Following the approval of the EC, the two sub-regional trainings on WUAs were merged into one and held in Bari (Italy), between 17 and 19 July 2012, including a field trip. The training involved 22 participants from 8 Partner Countries.

Estimated percent Progress : 100 %

Projected date of completion: Activity completed.

Products: Regional workshop report and training material, which in due course will be uploaded at SWIM-SM's web site.

2.2.2e Regional training on private-public-partnerships (PPP) for water infrastructure - in coordination with H2020 CB/MEP

Objective: to coordinate with H2020 CB/MEP in the framework of the planned course on



	<p>PPP for water infrastructure and add value to the training curriculum via SWIM-SM expert input.</p> <p>Progress: The course took place on 19-21 December 2011 in Amman – Jordan. SWIM-SM contributed by engaging in the course an experienced trainer (NKE).</p> <p>Estimated percent progress: 100%</p> <p>Projected date of completion: Activity completed</p> <p>Products: presentation</p>
<p>Variations from Technical Proposal that occurred or are proposed</p>	<p>Due to delays in the identification of high calibre NKEs, activity 2.2.2b will be implemented in the next phase of the project and before the end of 2012. Also the preparation of activities 2.2.1 a, 2.2.1 b, 2.2.2 c has been completed, but the actual holding of the trainings will take place before the end of 2012 (dates already booked).</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>Activity commenced after the inception phase.</p> <p><u>3.1.1 Assessment on the best available technologies and technical and economic potentials related to wastewater reuse, aquifer recharge, sustainable desalination, etc at regional level and their application at national level</u></p> <p>Objectives: To develop a simple reference document on best available technologies in wastewater reuse in rural areas including groundwater recharge and small scale desalination using solar energy in rural areas.</p> <p>Progress: Two ToRs were prepared, approved, 2 NKEs identified and engaged. Two technical reports were produced covering desalination and wastewater BAT. A third report on economic aspects of desalination has been finalised. A core group of eminent desalination experts was formed with detailed ToR for its operation developed. The core group held its first meeting in Athens on 11 & 12 June 2012 to discuss the outcomes of the desalination BAT study and to advise on SWIM-SM’s future work-plan on desalination.</p> <p>Estimated percent progress: 100%</p> <p>Projected date of completion: Activity completed</p> <p>Products: Two technical reports covering desalination and wastewater BAT, one Report on economic aspects of desalination and MoMs from the core group’s meeting. The Reports are uploaded at SWIM-SM’s web site.</p> <p><u>3.1.2 Preparation of sector(s)’ guidelines on the applicability of the above-mentioned technologies (see Activity 3.1.1) within national water plans</u></p> <p>Objectives: Prepare guidelines on integrating wastewater reuse including groundwater recharge and desalination using solar energy into national IWRM plans.</p> <p>Progress: The guidelines for the integration of desalination using solar energy into national IWRM plans were prepared as a separate chapter in the BAT for desalination and wastewater reuse report produced in activity 3.1.1.</p>
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Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Guidelines for the integration of desalination into national IWRM plans as separate chapters in Desalination and Wastewater BAT Reports.

3.1.3 Cost/benefit analyses of investments for mitigating water pollution in selected river basins in four countries, i.e. Oum Rabia (Morocco), Seibous River (Algeria), Litani River Basin (Lebanon), in collaboration with the Marseille Centre for Mediterranean Integration and H2020 MEHSIP, the Mediterranean Network of Basin Organisations, etc

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 3 countries.

Progress: None

Estimated percent progress: 0 %

Projected date of completion: end of June 2013

Products: No product has been produced yet.

3.1.4 Strengthen implementation capacity of national water plans at local level with emphasis on financial sustainability

Objectives: Develop a guidelines' manual to better understand the potential of private sector participation (PSP) in Water Services' Delivery at the local level (i.e. municipal, governorate, provincial or district, rural areas) with special focus on financial sustainability

Progress: The Terms of reference were prepared and approved. Work on this assignment commenced on 30 July 2012 and is currently in progress at an advanced stage.

Estimated percent progress: 70%

Projected date of completion: 24 October 2012

Products: Manual, which in due course will be uploaded at SWIM-SM's web site

Variations from Technical Proposal that occurred or are proposed

Activity 3.1.3 will be extended until end of June 2013.

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

Progress to date

Activity continues from the inception phase.

3.2.1 Participate and contribute with substantive inputs in the Regional Conference on Advancing Non-Conventional Water Resources Management in the Mediterranean (Athens, 14-15 September 2011) and organise back-to-back the SWIM-SM Workshop on Sustainable Use of Non-Conventional Water Resources (Athens, 16 September 2011) – see also under WP1-Activity 1. 2.1

Objective: Participate in the dialogue for advancing Non-Conventional Water Resources Management in the Mediterranean.

Progress: SWIM-SM participated and substantively contributed several power points and



engaged in the discussions held during the Conference.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Two presentations and two reports from the workshop in English & French, which will be uploaded at the at SWIM-SM's web site.

3.2.2 Organisation of the Launching Regional Workshop of SWIM-SM programme in 7-8 December 2011, Brussels

Objective: To launch officially the SWIM overall Programme and consult with National Focal Points, Liaison Officers, regional organisations and institutions about the proposed SM Work Programme and the Demonstration projects' activities.

Progress: The Launching Workshop was successfully organised and involved the participation of national water and environment authorities of six (6) SWIM Partner Countries, relevant EC Services and regional stakeholder organisations, institutions and water programmes. The SM Work Plan for the 1st year of implementation under the 4 thematic pillars was discussed and the approved Demonstration Projects were presented.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Report which will be uploaded at the SWIM-SM's web site.

3.2.3 Participation of the key experts in regional events, ensuring visibility of the project and its activities. The following events were attended:

- 2nd Arab Water Forum (20-23 November 2011, Cairo - Egypt)
- Technical Meeting of the Arab Water Ministers (15-18 January 2012, Cairo – Egypt)
- CLIWASEC (15 February 2012, Munich – Germany)
- 6th. World Water Forum (12-17 March 2012, Marseilles - SWIM-SM was represented by GWP-Med)
- Regional Conference on Wastewater Purification & Reuse (28-30 March 2012, Crete – Greece)
- Meeting of the Steering Committee of the Horizon 2020 Initiative, and Meeting of the H2020 Capacity Building Component, 18-19 April 2012, Barcelona, Spain
- 2nd Egyptian Dialogue on 2030 National Strategy for Wastewater Re-use in Egypt; 29th of April, 2012, Cairo, Egypt
- Meeting of the Steering Committee of the GEF MAP/UNEP MedPartnership, 15-16 May 2012, Istanbul, Turkey (SWIM-SM was represented by GWP-Med)
- Meeting of the Steering Committee of the GEF Project on Climate Variability and Change in the Mediterranean, 17 May 2012, Istanbul, Turkey (SWIM-SM was represented by GWP-Med)
- Rio + 20 (20-22 June 2012, Rio de Janeiro – Brazil – SWIM-SM was represented by GWP-Med)
- Coordination Meeting of International Organisations and Regional Initiatives on Climate Change, 5 July 2012, Brussels, invited by EC DEVCO
- Stockholm World Water Week (26-31 August 2012, Stockholm – Sweden – SWIM-SM represented by GWP-Med)
- Annual Multi-Stakeholder Forum of the EU Water Initiative, 29 August 2012, Stockholm during the World Water Week (SWIM-SM was represented by GWP-Med)

Products: 13 presentations



Variations from Technical Proposal that occurred or are proposed

None – planned activities follow the directions provided in the Technical Proposal

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

Activity commenced after the inception phase.

3.3.1 Assist with the implementation of the draft SWM and the elaboration of the Action Plan

Activity temporarily stalled due to political reasons.

3.3.2 Close operational linkages with H2020

Objective: To coordinate and appropriately interlink with activities undertaken under the H2020 Initiative in order to bring an added value and avoid overlapping.

Progress: The following steps have been undertaken:

- Planning for a set of regional or sub-regional capacity building activities in coordination with H2020 CB/MEP (see WP 2).
- Envisaging collaboration with H2020 MEHSIP in relation to SWIM-SM activities on the cost/benefit analyses of investments for mitigating water pollution in selected river basins in some of the PCs; activity to be completed by the end of March 2013.
- Coordinating with the ENPI SEIS Project and facilitating communication with SWIM-SM Focal Points in relation to the Workshop on Water Accounts and Statistics for Mediterranean Countries (Egypt, Jordan, Lebanon, Palestine) that took place in Beirut – Lebanon on 20-22 March 2012;
- Participation of SWIM-SM in the 5th H2020 Steering Group Meeting, the 3rd H2020 Capacity Building Sub group Meeting and an H2020 RMR working Group Meeting to provide update on SM implementation and Demo Projects status (18-19 April, Barcelona – Spain, SWIM-SM represented by GWP-Med).

Estimated percent progress: 100% (for the 1st year of implementation)

Projected date of completion: 31 August for the 1st year of implementation. This is an on-going activity.

Products: MoMs of joint events

3.3.3 Develop a financial incentive system that governments could promote for water users to save water, improve water efficiency and adopt innovative technologies as a tool for non-regret actions to climate change adaptation

Objective: To develop financial incentives and economic tools to promote water conservation as a no-regret means for adaptation with climate change.

Progress: None

Estimated percent progress: After consultation with country stakeholders and input received during different SWIM-SM events, the activity's timeliness and implementability was questioned and thus, the activity has been deleted from the Workplan. It is noted that most SWIM governments are reluctant to address any water financial mechanisms at this stage due to public rejection and potential social unrest.



	<p>Projected date of completion: deleted</p> <p>Products: No product has been produced yet.</p>
Variations from Technical Proposal that occurred or are proposed	Activity 3.3.3 to be completed by the end of March 2013.

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 MedPartnership

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.

Estimated percent progress: 20%

Projected date of completion: End of 2013

Products: 2 presentations

4.1/2/4.2. Identification and compilation of overall criteria for screening and mapping success stories and best practices in close collaboration with activities under WP1, WP3 and WP6

Objective: To contribute to the replication strategy that is developed by the Replication Task Group in collaboration with the GEF MedPartnership and involving other related processes through the proposal of a methodology for the identification and compilation of criteria for



screening and mapping success stories and best practices in service of the SWIM beneficiaries.

Progress: A methodology for screening and documentation of success stories and best practices with potential for replication in PCs was prepared and submitted to the EC.

Estimated percent progress: 50%

Projected date of completion: As needed to comply with and complement Activity 4.1/2/4.1

Products: Replication strategy as needed to comply with and complement Activity 4.1/2/4.1, which in due course will be uploaded at SWIM-SM's web site. (A document titled "SUPPORT TO REPLICATION OF SUCCESS STORIES AND BEST PRACTICES IN THE SWIM PARTNER COUNTRIES" was produced and sent to the EC).

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 NKEs for Egypt, Israel, Jordan and Morocco have been contracted and are progressing in the development of the BPs.

Estimated percent progress: 50%

Projected date of completion: 15 October 2012

Products: Best Practice documentation forms filled and one Report, which in due course will be uploaded at SWIM-SM's web site.

4.1/2/4.4. Documenting existing practices used by Algeria, Morocco and Tunisia using economic valuation for decision making in the water sector

Objective: To identify and document a set of best practices in relation to economic valuation applied in Algeria, Morocco and Tunisia that could serve as a basis for adapting and replicating these practices in other PCs.

Progress: This activity has not started yet

Estimated percent progress: 0%

Projected date of completion: 31 March 2013

Products: Report upon completion

4.1/2/4.5. Identification of best practices on reduction of non-revenue water

Objective: To identify and document best practices in selected PCs for reducing non-revenue water

Progress: Three countries known for best practices in reducing non-revenue water were identified (Israel, Jordan, and Morocco). (Originally the activity concerned 4 countries, Algeria, Israel, Jordan, and Morocco but Algeria pulled out). The ToR was prepared including criteria for the identification of the best practices and a questionnaire to document best practices and success stories. Four local consultants have been mobilised in the respective countries and work commenced between end of July, early August.

Estimated percent progress: 65%



Projected date of completion: 31 Oct 2012

Products: one Report, which in due course will be uploaded at SWIM-SM's web site.

4.1/2/4.6. Documentation of best practices in the operationalisation of water users' associations

Objective: To identify and document best practices in the operation of water users' associations, also using unsuccessful/less successful examples and learning experiences.

Progress: A dedicated session involving experts' workgroups was included in the regional workshop on Water Users Association that was held on 23 and 24 April 2012, in order to leverage the participation of the invited experts.

Estimated percent progress: 0%

Projected date of completion: postponed for 2013 subject to availability of NKEs resources

Products: Report upon completion

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. Activities 4.1/2/4.4 and 4.1/2/4.6 will be included in workplan of 2013 and pending availability of resources for NKEs.

Activity 4.3: 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

It has been proposed that this activity is transferred to WP6, which deals primarily with the support the project will provide to the Demo Projects.

Activity 4.5: Further contribute to the visibility of Horizon 2020

Progress to date	Activity fully commenced after the inception phase. Activities are implemented in conjunction with other WPs and especially WP2.
Variations from Technical Proposal that occurred or are proposed	None – planned activities follow the directions provided in the Technical Proposal

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

Activity 5.1: Create the project's identity

Progress to date	Activity continued from the inception phase. 5.1.1 Updating PPT presentations with SWIM-SM format Objective: Prepare PPT presentations for communication and visibility needs using an homogeneous format Progress: All presentations prepared and delivered so far by SWIM-SM have used a standardised format (introductory and final slide, colours, fonts, etc.)
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Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: PPT template for SWIM-SM’s presentations

5.1.2 Updating of SWIM-SM policy profile (AR, EN and FR versions), diffusion to national and regional stakeholders

Objective: Revision of the SWIM-SM policy profile in the 3 languages and wide diffusion to relevant stakeholders.

Progress: the policy profile produced during the Inception Phase has been revised in September 2011 in the 3 languages and is being widely diffused to relevant stakeholders met by the project during its participation in Regional events or National consultation meetings.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: policy profile of SWIM-SM in three languages (700 FR, 800 EN, 700 AR), uploaded in SWIM-SM’s web site.

5.1.3 Updating of SWIM-SM pamphlet (EN and FR versions), diffusion to national and regional stakeholders

Objective: Update of the SWIM-SM pamphlet to add the SWIM website coordinates and its wide diffusion to relevant stakeholders.

Progress: The leaflet has been diffused to participants in the SWIM Launching event and to other stakeholders met by the project during its participation in Regional events or National consultation meetings;

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Pamphlet of SWIM-SM in two languages (2000 FR, 2000 EN) uploaded in SWIM-SM’s web site.

Variations from Technical Proposal that occurred or are proposed

None – planned activities follow the directions provided in the Technical Proposal

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

Activity continued from the inception phase

5.2.1 Website set up, maintained and updated

Objective: The SWIM website is maintained and regularly updated with new information.

Progress: The website is developed, maintained and regularly updated.

Estimated percent progress: 100% of an ongoing activity

Projected date of completion: Activity completed for the 1st year of SWIM-SM implementation. On-going activity.



Products: functional and maintained web site

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 overall managed (it includes design/production) and the exchanges with FPs, target groups and relevant stakeholders is supervised to ensure appropriate communication approaches.

Progress: Promotional materials are overall managed and communication with relevant stakeholders overall supervised.

Estimated percent progress: 100%

Projected date of completion: Activity completed for first year. This is an on-going activity.

Products: produced required promotional materials.

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 SWIM-SM activities have been diffused to the list of journalist's set-up by SM for the various PCs.

Estimated percent progress: Activities have been successfully initiated and are operating smoothly.

Projected date of completion: Activity completed for the 1st year of SWIM-SM implementation. On-going activity.

Products: List of journalist's set-up by SM for the various PCs and 6 press releases diffused

5.2.4 Preparation of a media kit to be used for the training of media, educators of higher institutes (Universities etc.) and eventually distributed also to journalism students

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 overall conception of the kit is ready (structure, main chapters and contents).

Estimated percent progress: 80%

Projected date of completion: 10 October 2012 (English, French and Arabic versions).

Products: Media kit, which will be uploaded at SWIM-SM's web site

5.2.5 4 Information Sessions of media professionals

Objective: To inform and raise awareness of media professionals about the SWIM program and its contribution to sustainable water management in the Mediterranean region.

Progress: Four information sessions have been organised, one respectively in Jordan, Lebanon, Morocco and Tunisia with a total involvement of approx. 40 journalists and media professionals.

Estimated percent progress: 100%



Projected date of completion: Activity completed.

Products: one press note sent to the wider list of journalists

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 3 PCs (Lebanon, Jordan and Tunisia) and are planned in one additional PC (Algeria scheduled for 7 and 9 Oct 2012). 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 are currently 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 will be fine-tuned and implemented.

Estimated percent progress: 60%

Projected date of completion: 10 October 2012

Products: Report of consultations to be produced after conclusion of the activity, which will be uploaded in the SWIM-SM's web site.

5.2.7 Brochure 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 an information and awareness raising brochure for farmers on environmental health issues related to the reuse of wastewater (raw or treated) with special focus on best practices.

Progress: the activity will be confirmed or eventually modified/ fine-tuned based on the outcomes of activity 5.2.6 above.

Estimated percent progress: 0%

Projected date of completion: mid January 2013

Products: An information and awareness raising Brochure or other information material addressed to farmers (the languages will be decided based on outcomes of consultations), 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 will be confirmed or eventually modified/ fine-tuned based on the outcomes of activity 5.2.6 above. It has not yet started.



Estimated percent progress: 0%

Projected date of completion: end of April 2013

Products: Report of information sessions, press note

5.2.9 Educational materials on water adapted to the Mediterranean situation

Objective: to produce educational materials for undergraduate students of relevant disciplines in relation to IWRM.

Progress: This activity has been postponed for 2014.

Estimated percent progress: 0%

Projected date of completion: The activity was postponed to 2014 to ensure the implementation of a complementary activity that includes a consultative meeting with academicians on the structure content, format, mechanism and feasibility of including the IWRM chapter in academic curricula

Products: A chapter on IWRM concepts for undergraduate students and a report on consultative meeting with academicians in due time.

5.2.10 Preparatory activities for one Regional Information Sessions 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.

Estimated percent progress: 15%

Projected date of completion: 31 December 2012

Products: A manual entitled "Role of Parliamentarians in Sustainable water resources management" and a meeting report in due time.

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 list with journalists has been created and is maintained. A database for Parliamentarians, NGOs and educators is under preparation.

Estimated percent progress: 30%

Projected date of completion: end of November 2012. The update of lists is an on-going activity.

Products: Lists of journalists/media, parliamentarians, Regional NGOs and educators



related to the topics dealt by SWIM available in the FTP server and eventually uploaded in the SWIM-SM's website.

5.2.12 Production of 6-monthly News Flash

Objective: To prepare and widely diffuse the 1st 6-monthly SWIM News Flash to present progress in the implementation of SWIM SM and Demonstration Projects.

Progress: The 1st issue of the 6-monthly News Flash has been prepared and diffused.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: First 6 monthly news flash, which is uploaded at SWIM-SM's web site.

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 Folders have been produced and already diffused together with relevant SM materials during the SWIM Launching Workshop and also during National consultations (see e.g . 5.2.6). Flash memories and notepads were produced specifically for the Launching event and have also been used for other SWIM-SM events.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Promotional material produced (flash memories: 1000, notepads: 1100, roll-up banners: 3, folders: 2000 and pens: 1000).

5.2.14 Participation/Contribution to 4 key regional/national events to promote SWIM-SM visibility and coordination with relevant regional initiatives and projects

Objective: To enhance SWIM-SM visibility by participating actively in regional/national relevant events.

Progress: At the National level SWIM-SM activities planned for the 1st year of implementation have been presented during the following occasions:

- Informal donor group meeting in Tunisia (8 March 2012) that in this occasion focused on sanitation;
- 27th Meeting of Water Sector Coordination Group in Lebanon;

At the Regional level the SM Team has presented SWIM and its components (SM + Demos) in the occasions mentioned in point 3.2.3 above with focus on SM activities during the 1st year of implementation.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: 2 presentations

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: A Senior and junior NKE were recruited to undertake this activity.

Estimated percent progress: 10%

Projected date of completion: 31 December 2012

Products: Report of each visibility event will be prepared and uploaded in the SWIM-SM's website.

5.2.16 Oversight and management of the overall communication aspects related to SWIM-SM activities (contacts with relevant stakeholders, preparation of information materials, 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: a SWIM-SM policy profile, pamphlet and folders as well as ppt presentations were produced and regularly diffused. Evaluation of specific activities was done.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Established contracts

5.2.17 Organisation of SWIM launching event (SWIM-SM + Demonstration Projects)

Objective: To officially launch the SWIM Programme and consult National stakeholders (Focal Points and Environment Liaison Officers), Regional organisations and institutions about the SM work plan for the 1st year and also provide an occasion for Demonstration Projects to present their activities.

Progress: The event was successfully organised on 7-8 December 2011.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Report, which is uploaded at SWIM-SM's web site

5.2.18 Organisation of the Workshop on Sustainable Use of non-conventional Water Resources

Objective: To provide a briefing to Partner Countries and regional stakeholders on SWIM-SM objectives in the wider spectrum of the non-conventional water resources (NCWR) management agenda, and contribute as a brainstorming meeting to the alignment of the project priorities and activities with regional needs and priorities.

Progress: The event was successfully organised on 16 September 2011.

Estimated percent progress: 100%

Projected date of completion: Activity completed

Products: Report, which is uploaded at SWIM-SM's web site

Variations from Technical Proposal that occurred or

After agreement with the EC activity 6.3/4.7 will be combined with activity 5.2.15, which is to be implemented mainly at the National level. Due to the late start of implementation of the



are proposed	<p>Demonstration Projects and the fact that SWIM-SM activities until August 2012 had mostly a regional character and would not be of priority for media and journalists to cover them it was decided to postpone the activity so as to start from September 2012. The 1st media/visibility event to be organised refers to activity 2.2.c to be held in Amman on 3-5 October 2012. Further National visibility events are planned until 31 December 2012.</p> <p>Based on the recommendation of the EC, activity 5.1.17 was deleted</p> <p>Moreover, activities 5.2.7 and 5.2.8 will be included in the next work plan as they are described now or with possible modifications based on the outcomes of activity 5.2.6.</p>
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Activity 5.3: Create a legacy for the project

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

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	<p>Activity commenced after the inception phase</p> <p>First Coordination Meeting</p> <p>Objective: To get a better understanding of Demonstration Project’s needs that can be assisted by the Support Mechanism and define the framework for cooperation between SWIM-SM and SWIM-DM in relation to Communication and Visibility, Replication and, where needed, Technical Assistance; and also to discuss and identify the practical means to concretise cooperation.</p> <p>Progress: 1st SWIM Coordination Meeting took place on 5 March 2012 at the EC premises in Brussels. Allocation of resources from SWIM-SM identified and mechanism of coordination established. A matrix to spot areas of coordination was developed by SM.</p> <p>Estimated Percent Progress: 100% of first year SWIM-SM work plan</p> <p>Projected date of completion: 31 August 2012, on-going activity</p> <p>Products: Report of the meeting</p>
Variations from Technical Proposal that occurred or are proposed	<p>None – planned activities follow the directions provided in the Technical Proposal</p> <p>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</p>

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

Activity commenced after the inception phase

6.3/4.1 Integration of Demo projects stories in the 6 monthly News Flash

Objective: to present relevant information about the Demonstration Projects status of implementation in the 1st SWIM 6-monthly News Flash

Progress: The 1st issue of the News Flash is prepared and widely diffused.

Estimated percent progress: 100%

Projected date of completion: 30 August 2012 (in the 3 project's languages) for the 1st issue. This is an on-going activity.

Products: 1st issue of SWIM News Flash with information about Demo projects, uploaded on SWIM-SM's website.

6.3/4.2 Integration of Demo projects' information in the SWIM website

Objective: to present relevant information about the Demonstration Projects status of implementation in the SWIM website.

Progress: A specific format has been prepared for Demonstration projects to provide a homogeneous set of information about their scope and activities and this information have been integrated in the SWIM website.

Estimated percent progress: 100%

Projected date of completion: 31 August 2012 (in the 3 project's languages) for the 1st year of implementation. This is an on-going activity.

Products: section of the SWIM-SM's website dedicated to Demo projects

6.3/4.3 Facilitation of contacts with the press and journalists and other relevant stakeholders

Objective: To enhance visibility and wide diffusion of Demonstration Projects achievements by facilitating their interaction with media and journalists.

Progress: The list of media/journalists from the partner countries that has been compiled by SM has been 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

6.3/4.4 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.

Progress: A Senior NKE has been hired to implement this activity. Based on the Demonstration Projects needs in communication specific activities can be suitably planned for the next implementation period.

Estimated percent progress: A Senior NKE has been hired to implement this activity. Based



on the Demonstration Projects needs in communication specific activities can be suitably planned in the next implementation period.

Projected date of completion: the time schedule will be identified after the coordination meeting with Demos to be held at Brussels on 16 October 2012

Products: A report will be produced after the end of the activity and eventual products/materials uploaded on SWIM website.

6.3/4.5 Facilitate the participation of Demo projects grantees in the SWIM launching event

Objective: To present and discuss the Demonstration projects scope of activities to participants in the SWIM Launching Workshop

Progress: Demonstration projects participation was facilitated and presentations for each project were integrated in the agenda of the SWIM Launching Workshop.

Estimated percent progress: 100%

Date of completion: 8 December 2011 – Activity completed

Products: presentation of the 5 Demo projects delivered during the launching event

6.3/4.6 Production of Brochure (English, French and Arabic) presenting the objectives / basic features of Demo projects and how they fit in the overall SWIM framework

Objective: to produce an information material in the form of a brochure to enhance visibility of Demonstration Projects and their planned activities / anticipated objectives in the Region.

Progress: The final draft of the brochure is prepared in the 3 languages and approval/comments from the EC are expected in order to proceed with the publication.

Estimated percent progress: 95%

Projected date of completion: 30 September 2012.

Products: Brochure in three languages (EN-AR 2,500 and FR-AR 2,500, Total 5,000 pieces). Both brochures (EN-AR & FR-AR) will be uploaded at SWIM-SM’s web site.

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.

Progress: A Senior and junior NKEs were recruited to undertake this activity.

Estimated percent progress: 15%

Projected date of completion: 31 December 2012

Products: report of each event after its completion

Variations from Technical Proposal that occurred or are proposed

Activities 6.3/4.4 and 6.3/4.7 are planned to be completed by December 2012.

Activity 6.4: Production of the SWIM Documentaries

Progress to date

Objective: To enhance the visibility of the overall SWIM Programme activities and achievements, with emphasis on the Demonstration Projects, through the production of 2



documentaries. The first documentary - planned to be ready by Mid October 2012 - will serve as a tool to inform audiences about the expected results of demonstration projects and will mainly show the situation before their implementation in the SWIM PCs. The second documentary will be ready in 2013 and will make visible the overall results achieved by the Programme.

Progress: A production company was recruited to undertake this activity and the first documentary is currently being prepared. It will be shown during the SWIM Meeting planned to take place mid October in Brussels.

Estimated percent progress: 50%

Projected date of completion: 10 October 2012

Products: First SWIM short documentary

Variations from Technical Proposal that occurred or are proposed

None – planned activities follow the directions provided in the Technical Proposal

Activity 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

Progress to date	<p>Activity commenced after the inception phase.</p> <p>6.5.1. Participation in the meetings of the H2020 Steering Committee as well as in key meetings of the H2020 sub-groups and provide update 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: SM has actively participated in the 4th meeting of the Horizon 2020 Steering Group (Amman – Jordan, 22-23 February 2011) and in the 5th H2020 Steering Group Meeting, the 3rd H2020 Capacity Building Sub group Meeting and an H2020 RMR working Group Meeting and provided update on SM implementation and Demo Projects status (18-19 April, Barcelona – Spain).</p> <p>Estimated percent progress: 100%</p> <p>Projected date of completion: Activity completed</p> <p>Products: Presentation</p>
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Variations from Technical Proposal that occurred or are proposed	None – planned activities follow the directions provided in the Technical Proposal
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Activity 6.6: Create dynamic databases of demonstration project beneficiaries

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

3 PROBLEMS ENCOUNTERED – LESSONS LEARNT

The assumptions and risks described in the Inception report for this TA project are still valid – the Log Frame, annexed to this progress report, clearly highlights them.

Despite the political instability in some countries of the region, the frequent collapse and formation of new governments, the lack of safety and security in most of the partner countries the project was able to advance with its work/activities, which aptly demonstrates the interest and support of the beneficiaries and the dedication of the project team.

Egypt refrained from participating in most of SWIM-SM activities during the largest part of the first implementation year of the project. Lately, this position has been reversed with a keen interest by the national FP to nominate participants in all events by involving water officials in capacity development activities.

The official involvement of Libya in SWIM-SM project has not been substantiated yet due to the political instability and assignment of key water officials by the new government. This has delayed the commissioning of the first fact finding mission to the country to identify Libya’s water priorities and their compatibility with the regional programme already in place. The continuing turbulent and unsafe conditions in the country pose serious questions as to the time of the country mission, although the intention is to realise this before the end of 2012.

Still a notable challenge was the misconception of the regional nature of the SWIM-SM project among few of the partner governments’ officials. This has been attributed to the acquaintance of partners primarily with bilateral projects funded by the EU, which are usually tailored to the very specific needs of one country. This misconception can be resolved by emphasising the regional nature of the project, the added value for the individual countries and the collective benefits of its outcomes through cross-fertilisation, exchange, replication and harmonisation.

According to SWIM-SM’s goals, this would be strengthened through operational linkages with other regional as well as country processes and activities that are supported by the EU and other development partners. Special emphasis will be given to the regional context of SWIM-SM project during the next SC meeting to be held on 16 & 17 of October 2012.

The project team has made progress in building relations with several central level government entities, regional institutions and stakeholder organisations. To a much lesser extent contacts have been made with private sector representatives. The latter is of interest in the context of financial sustainability and innovative funding mechanisms but also in terms of potential private sector partnerships, for example to address conditions for local level service delivery. This agenda is considered as worth-advancing in the coming implementation periods of SWIM-SM.

Coordination between SWIM-SM and the SWIM Demos has been launched and advancing with emphasis on identifying support needed by the Demos and services that the SM is able to provide. Most of the Demos have now initiated on-the-ground activities and cooperation is expected to progress.



The main lesson from this reporting period is that SWIM-SM has to focus on a fewer activities of higher impact and visibility in order to leave a legacy behind. The absence of an agreed unifying Euro-Mediterranean policy on water is not of assistance for the project's political anchorage at the regional level; the latter should have been offered by the UfM Strategy on Water in the Mediterranean that remains in stall due to highly political reasons. At the same time, the work plan for the period September 2011 – September 2012 was designed as to offer a vast array of activities, touching upon a wide range of requests received in order to meet the beneficiary countries' needs and expectations. However, in the short-term ahead, one of the main risks is that the project team has undertaken to offer too many services embracing large geographical areas. In order to avoid stretching resources too thinly, priorities have to remain clear and realistic. Through the implementation of these priorities, the SWIM-SM team will be able to test the ground for further and deeper development and focus more on burning country-driven issues during the next implementation period. Hence the project team after a brainstorming session concentrated on these issues /topics that need to be tackled in the framework of the activities planned under the WPs and the pillars. A brief introduction to activities suggested for the next implementation period (September 2012-September 2013) is provided in Chapter 4.

The delay in the approval of the first year's workplan resulted in a substantial delay in the actual start-up of the project implementation (towards January 2012). This, coupled with the multi-disciplinary character of the project, involving socio-economic and environmental aspects of IWRM and the continuous requests for assistance from the project countries, has led to overutilisation of the non-key experts' man-days.

As the project progress its implementation, the needs for non-key experts' man-days will increase. Meanwhile, the incidentals budget which was originally designed to support the political process in the Mediterranean region, including a participatory process for the development of the Action Plan for the Strategy of Water in the Mediterranean, is large (3 million Euros), compared to the current project's needs for incidental expenses, given the standstill situation on that end. It will be of instrumental merit for the project if a substantial percentage of the incidental expenditure budget can be shifted to non-key experts' man-days. The exact amount cannot be calculated with precision at this point, but will be estimated during the next reporting period (September 2012-September 2013) and a detailed proposal will be put forward to the European Commission.

4 A BRIEF INTRODUCTION TO THE DRAFT SWIM-SM WORK PLAN 2013

Discussions with government officials during the implementation of activities indicated that the project would be better suited to work on synergies among processes and activities and to focus more on certain burning issues affecting the region. This need to concentrate on fewer issues of high priority, significant impacts and more added value to PCs with higher visibility/outreach, emerged also from the previous reporting period, where KEs implemented a vast array of activities, touching upon a wide range of demands received in order to meet the beneficiary countries' needs and expectations.

In addition, a main request from the beneficiaries participating in the various events organised by the project, was to find the way to provide study visits and training on priority water issues for mid-level water and environment professionals from SWIM-SM participating countries in leading European water training centres and institutions. The main objective of the study visits and trainings would be to expose young water professionals to the best water resources management in Europe, to witness the EU water directive in practice, to provide the opportunity for the replication of best practices and to establish a North-South Med dialogue among water practitioners. The added value of these suggestions to the impact of the Project would be assessed with the EC manager.

In an effort to accommodate the priority emerging issues affecting the region and the requests received, the project team had a two days brainstorming session during its second management meeting (20-21/7/2012) on



the new issues that need to be tackled in addition to the activities planned under the WPs and the pillars or by replacing a limited number of them. The brainstorming discussed among the SWIM-SM project team proposed ideas and activities that satisfy the following criteria: 1) should be demand-driven and respond to concerns expressed by beneficiaries consulted during the first implementation phase; 2) should be within the priority areas emanating from fact finding missions undertaken during the inception phase; 3) should reflect the emerging issues and respond to resolutions and recommendations of global meetings such as the World Water Forum, Rio +20, etc.; 4) should be realistic and technically feasible within available capacity and resources; 5) should promote synergies with other regional processes; 6) should represent a continuation of activities undertaken during the first implementation phase and within the SWIM-SM's context and objectives.

Therefore, during the next reporting period the focus will be placed, *inter alia*, on the following activities:

1. **Assessment of wastewater treatment and reuse in rural areas of the PCs: Barriers, challenges and opportunities for improvement (under the pillar of Non-conventional water).** During the first implementation phase of SWIM-SM, several countries requested support in wastewater treatment and reuse in agriculture in rural areas. Several activities were developed to respond to the needs of the PCS. Further, activities were identified during 2012 further to interactions with the stakeholders. It was clear that there is a major gap in rural wastewater treatment and reuse and most countries are lagging behind. It was also noticed that there is a genuine interest in simple and affordable natural treatment systems such as lagoons and constructed wetlands but knowledge of the systems is still scant. Furthermore, private sector's participation in the agenda has been raised as an area to focus. Accordingly, the following activities were decided to respond to the needs of the PCs.
 - Assess the current status of wastewater treatment in rural areas and identify barriers, challenges, and opportunities for improvement. The activity will be undertaken in selected countries.
 - Assess the current status of wastewater reuse in rural areas and identify barriers, challenges, and opportunities for improvement. The activity will involve a desk review of the status of reuse in all PCs and a detailed analysis undertaken in selected countries.
 - Build the technical and administrative capacities of government officials through training and study visits to Natural Systems treatment plants in Europe.
2. **Assessment of potential cumulative environmental impacts of mega desalination plants conglomerating around the Mediterranean (under the pillar Non-conventional water).** The niche for SWIM-SM work on desalination during the first phase of implementation was to mainly address desalination processes combined with Renewable Energy Systems (RES) for the water supply in rural and remote communities. In addition to these, it has been prioritized that environmental aspects of the desalination industry, at different scales, should be looked at. The potential cumulative environmental impacts of the proliferating mega desalination plants, around the shores lines of the Mediterranean, strongly emerged as a crucial issue and should be given adequate attention. Based on these speculations and on the recommendations of the Core Desalination Group (CDG) and national desalination experts, SWIM-SM shall undertake in collaboration with MED-POL a survey on existing and planned mega desalination projects around the Mediterranean basin with the view of assessing the potential cumulative environmental impacts on the near-shore marine environment. The assessment will encompass the following:
 - An inventory of the currently operating mega desalination plants including the technical details such as technology used, production capacity, pre-treatment, energy used, chemicals consumed, etc.
 - An assessment of the brine discharge in terms of volume, pollution load, physical and chemical characteristics, etc.



- An assessment of air emissions including SO₂, CO₂, particulates, NO_x, etc.
- A survey of mega desalination plants in pipeline or planned until 2025 on the shores of the Mediterranean Basin.
- A projection of the cumulative impacts of brine discharge and air emissions on the marine ecosystem and potential impacts on bio-diversity using different scenarios.

This will be followed by convening an expert group meeting in collaboration with the CDG to substantiate and verify the outcomes of the regional cumulative environmental impacts of desalination around the Mediterranean.

3. Improving compliance and enforcement of water legislation in SWIM-SM countries (under the pillar of Water governance). Based on the outcomes of the regional review of water plans, one of the main challenges hindering the implementation of IWRM was ineffective rules of law. This fact was re-emphasised during the regional dialogue where inadequate accredited monitoring systems, weak inspection, insufficient water rules and regulations, poor compliance and lack of enforcement technical and institutional capacities including ill prepared judiciary systems were identified as main constraints towards the effective implementation of IWRM. The objectives of the proposed activities are (1) to identify measures to improve compliance and feasible approaches for the enforcement of water legislation in SWIM-SM PCs while considering the region's cultural and socio-economic specificities and (2) to develop capacities to ensure full compliance with water legislations. This to encompass capacity development for **(i)** promoting compliance, **(ii)** establishing accredited monitoring, **(ii)** enhancing inspection and monitoring systems for the provision of legal evidences for compliance or violations, and **(iv)** developing the capacity of judicial system including training of judiciaries to address violations of water laws.

4. Drought management as non-regret action towards climate change (under the pillar of No Regret Actions for the Adaptation of the Water Sector to Climate Change). The primary cause of drought is usually rainfall deficiency most likely caused by CC as a key driver. Higher air temperatures and evapo-transpiration rates may act in combination with lower precipitation to exacerbate the acuteness and duration of droughts. It is unfortunate to note that drought episodes have often been resolved by a spontaneous ad-hoc crisis management approach dictated by a lack of timely preparedness for extreme events. Very little and scattered drought data are already available at the national level; however, assessment and monitoring programs are neither integrated nor complete. Based on these facts, SWIM-SM is gearing its CC no-regret scope towards supporting PCs in: 1- Assessing drought frequency of occurrence, delineating the affected areas and identifying the population and economic sectors affected the most; 2- Developing specific drought policies, within the context of long-term sustainable management of water resources; 3- Enhancing preparedness for increasing droughts through the development of drought mitigation plans and measures; 4- Supporting PCs develop their capacities to mitigate droughts impacts on the environment, economy and society. The overarching objective of the CC no-regret activities proposed is to support SWIM-SM PCs in developing specific drought policies and plans within their long-term sustainable management of water resources with the view of reducing vulnerability and enhancing communities' resilience. Specific objectives:

- To assess drought frequency of occurrence, delineate the affected areas and identify the population and economic sectors affected the most;
- To enhance the understanding and awareness of droughts in SWIM-SM PCs as an increasing hazard and its potential environmental and socio-economic impacts.
- To develop specific drought policies and contingency plans with the aim of enhancing preparedness for increasing and extending drought's episodes.



- To develop the capacities of SWIM-SM PCs to mitigate droughts impacts, on the environment, economy and society; reduce vulnerability and improve communities' resilience in SWIM-SM PCs through study visits.
- 5. Develop a System to monitor and evaluate Participatory Irrigation Management (PIM)/Irrigation Management Transfer (IMT) process (under the pillar of Water Governance at local level).** Being a learning and adaptive process, Participatory Irrigation Management (PIM)/Irrigation Management transfer (IMT) requires continuous monitoring and evaluation (M&E) which should allow regular adjustment of the process. SWIM project countries are at different levels and breadth of experience with respect to water users' participation in irrigation management. Regardless of the stage of development, an M&E system is needed to monitor the process throughout the different phases immediately following the initial declaration of PIM/IMT policy statement for empowering stakeholders in the management of their water resources. This system should enable monitoring government interventions to establish and support WUAs, monitor the status and the institutional, financial and technical performance of the WUAs to identify the ones which are not performing well and where additional support is needed, and periodically assess the results/impacts of the government interventions.

In view of the above and based on the recommendations made by the WUAs experts group in the regional workshop that was held in Athens (April 2012), SWIM-SM will focus one of its main activities within the water governance pillar, during the last two years of implementation, on monitoring and evaluation for PIM/IMT. To this effect the following is proposed:

- 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 (year 2013).
- Prepare a report on the International M&E systems to be presented as background information for a proposed 4-days M&E regional expert group workshop. Conduct the workshop to discuss existing international M&E experiences related to PIM/IMT programs and to adopt one system that suits best the needs of the participating countries (year 2013)
- Test the applicability of the M&E system in 1 pilot area; size and location of the pilot to be determined during Regional Workshop. This will involve:
 - Refinement of selected Best Practices in the M&E system and actual selection of indicators for the pilot area in a reflective and participative way involving the key stakeholders (Year 2014).
 - Applying the selected best M&E practices in a pilot area (Year 2014).

Other activities related to the Water Governance pillar include:

- Conduct a **3-day high profile study visit** to Turkey known for its successful implementation of PIM/IMT to strengthen the political commitment of the project countries (PCs) to the adoption of Participatory Irrigation Management and encourage the PCs to provide support for such a reform. The study visit will be **preceded by two days training** on subjects related to the study visit (year 2013).
- Carry out Training of Trainers (ToT) on the formulation of the legal statutes for WUAs including the elements related to the WUAs budgets, water fees, business plans and models of income generation (year 2014)
- Organise and conduct one "supervised" training by trainers on the formulation of legal statutes for WUAs assisted by SWIM-SM (year 2014)



The last three activities were based on the results of the two workshops undertaken by SWIM during the previous year, and the findings of the regional assessment on the status of Water Users Participation in the SWIM countries.

- 6. Cost-benefit analysis of investments for mitigating water pollution and building capacity on economic valuation of environmental pollution.** The proposed activity is intended to extend the analysis of the cost of environmental degradation study by improving the estimates of the cost of watershed degradation; analyzing the benefits of alternative responses; and build the capacity of environmental economists in the region on valuing the cost of environmental degradation.

The proposed activities for 2013 are based on the outcomes of 2012 activities on updating the degradation of 2 river basins in Tunisia and Morocco. The 2013 suggested activities will extend the experience and knowledge to other countries through the implementation of cost-benefit analysis of investments for mitigating water pollution and capacity building. The suggested activities would include the following:

- Cost/benefit analyses of investments for mitigating water pollution in selected river basins in four countries, i.e. Oum Rabia (Morocco), Seibous River (Algeria), Litani River Basin (Lebanon), in collaboration with the Marseille Centre for Mediterranean Integration and H2020 MEHSIP, the Mediterranean Network of Basin Organisations, etc. The objective of the proposed activity is 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 3 countries. This would lead to the preparation of water /waste water investment plan in which the costs (including the capital, operating and maintenance costs, etc.) related to interventions needed to reduce water pollution will be estimated. The remediation costs will be further useful to undertake an ex-ante Cost-Benefit Analyses of potential investments in protection of water supply and water quality.
- Regional training on the economic valuation of river pollution using the EU WFD methodology and the context/benefits of economic valuation at the decision-making level. The main objective is to provide training to 30 participants from PCs on economic valuation of river pollution. The targeted audience is environmental economists and middle to upper level government's water and planning officials. This objective will be achieved by involving a team of national experts in the preparation of this activity. This will allow a transfer and sharing of knowledge and expertise that will enable nationals in the PCs to replicate this type of cost analysis in other sectors of the economy. During the course of this activity, national and regional training workshops will also be organised to explain the methodologies used to undertake the analysis

5 CONCLUSIONS AND NEXT STEPS

- Early feedback and discussions with government officials indicated that the detailed work planned and undertaken by SWIM-SM is of added value for both the countries and the region. It has also been noted that the diagnostic work SWIM-SM is carrying out, including the characterisation of the socio-economic, political and cultural specificities of the PCs, would culminate into practical measures and socially acceptable policy options. For next steps, it is advisable to proceed with this line of work, while building on outputs already delivered from the various activities.



- The implementation of certain activities has already made use of the operational linkages that SWIM-SM has developed with other programmes, processes and initiatives (e.g. joint trainings with H2020 CB MEP, co-organisation of Workshops on Non-Conventional Water Resources Management with MED EUWI, launch of 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, contribution in promoting synergy and coordination remains a priority and demonstrates tangible results.
- Implementation of the first phase of SWIM-SM revealed that some of the government officials in the PCs encountered significant difficulties in distinguishing between EU regional and bilateral activities. For next phases of the SWIM-SM project and while advancing scheduled activities of regional content, additional effort is planned to (a) demonstrate how the regional dimension enhances country activities and (b) identify and incorporate the regional dimension in specific national activities of interest to PCs. Furthermore, the mechanism used for proposing activities for the next work plans of the SWIM-SM project will be clarified to officials in PCs and the FPs during the SC meeting to be held on 17 & 18 of October 2012 to avoid possible confusion between activities of national interest and the benefits to be reaped from regional activities.
- A large number of activities are simultaneously implemented in order to cover, in a balanced way, the four pillars identified by SWIM-SM and approved by the SC. Most of the undertaken activities were planned to be finalised before the end of the first phase. It is noted that due to this fact, considerable KEs' time was devoted to administrative, coordination and follow-up issues thus, limiting the time dedicated to substantive technical issues. For next phases of the project Mid September 2012 to mid-September 2013, SWIM-SM plans to concentrate on fewer but more focused issues of high priority and more added value to PCs with higher visibility/outreach. This is intended to create better opportunity for KEs involvement in their substantive areas of expertise. Utilising more intensive rather than extensive activities will create a positive reputation during SWIM-SM's implementation and ensure a legacy of achievement after its finalisation.
- In an effort to accommodate the priority emerging issues rendering the region the project team had a two days brainstorming session on the new issues that need to be tackled in addition to the activities planned under the WPs and the pillars. Thence, during next reporting period the focus will be placed on the following activities: 1) assessing wastewater treatment reuse in rural areas (under the pillar of Non-conventional water); 2) assessment of potential cumulative environmental impacts of mega desalination plants conglomerating around the Mediterranean (under the pillar Non- conventional water); 3) improving compliance and enforcement of water legislation in SWIM-SM countries (under the pillar of Water governance); 4) drought management as non-regret action towards climate change (under the pillar of No Regret Actions for the Adaptation of the Water Sector to Climate Change); 5) develop a System to monitor and evaluate Participatory Irrigation Management (PIM)/Irrigation Management Transfer (IMT) process (under the pillar of Water Governance at local level); and 6) cost-benefit analysis of investments for mitigating water pollution and building capacity on economic valuation of environmental pollution.(under the economic valuation of environmental degradation pillar).
- Following the launching of Demos in December 2011, SM and Demos are establishing common understanding and are jointly setting modes of collaboration. The SM/Demos Workshop of 5 March 2012 assisted considerably towards that direction. Coordination and collaboration is underway to identify specific areas for collaboration and synergies with the agreed level of involvement and man-days allocated by SWIM-SM to this effect.
- It is important to note that despite all the positive aspects of the Arab Spring, the associated political instability and insecurity are representing serious challenges towards the implementation of the SWIM-SM project in a timely manner in some countries.



There is considerable chance that such instability will continue which may imply adjustments in the work planning. Similar challenges emerge due to stalling of the UfM draft Strategy on Water in the Mediterranean. Its eventual approval, including the elaboration of its Action Plan, would provide new impetus to regional activities like those serviced by SWIM.