

COMPONENT 1: POLLUTION PREVENTION

ACTIVITIES AT REGIONAL LEVEL







Topic	Sub-Topic	Activity
Topic 1: Curbing Plastic Pollution & Marine Litter	Sub-Topic 1.1: Marine litter monitoring and management Sub-Topic 1.2: Addressing single-use plastics	Taking action to move away from single-use plastics in the Mediterranean (RE-1-REG). In cooperation and collaboration with the other projects working on various aspects of the plastics challenge, specific focus could be to support the PCs in the development or improvement of National Plastic Management Strategies (including e.g. ban of plastic bags and other single-use plastics). Deliverables may include: (a) Guidelines on measures to phase out single use plastic items. These will be produced to support this process (not foreseen under any of the other currently running projects); (b) capacity building for the public sector; (c) capacity building for CSOs and key users.
Linkage with Regi	onal activities	To combine with 'horizontal' project lines e.g. addressing Youth, young entrepreneurs, networking, gender equality (i.e. HE-2-REG) and the related P2P exchange of WES (RE-1-P2P)
Linkage with National activities		Possibly linked to national activities in Algeria, Lebanon, Morocco







Topic	Sub-Topic	Activity
Topic 1: Curbing Plastic Pollution & Marine Litter	Sub-Topic 1.1: Marine litter monitoring and management Sub-Topic 1.2: Addressing single-use plastics	Understanding better microplastics and identifying how to address the issue (RE-2-REG). Technical assistance to address microplastics intentionally added in products or production processes (including handling plastic pellets) will be provided through a user friendly publication (at least in EN and FR). Targeted participants: The capacity building activity will address mainly policy makers and will aim at giving them an overview of the different aspects of the microplastics issue, from the ones intentionally added in the production processes and products to the ones generated by the fragmentation and deterioration of plastics which constitute the main source of microplastics. It will also highlight specific solutions that could be of relevance particularly for southern Med Countries (from policy to technological developments).
Linkage with Regional activities		To combine with the Marine Litter P2P exchange of WES (RE-1-P2P)
Linkage with National activities		Possibly linked to national activities in Algeria, Lebanon, Morocco







Topic	Sub-Topic	Activity
Topic 2: Promotion of Circular Economy	Sub-Topic 2.1: Support the shift to sustainable consumption and production Sub-Topic 1.2: Addressing single-use plastics	Innovative Circular Economy Business Models in the Mediterranean region (RE-3-REG) A brief user-friendly publication (at least EN and FR) will be produced targeting policy makers who have an important role to play in order to enable that shift. In addition, successful experiences should be disseminated to encourage others to act. WES will engage with Business Support Organisations to develop national capacities to unlock the circular economy in the Region. The regional event will use the publication as a "concept note" and will highlight effective circular economy solutions already in place (with a focus on business models). It will target mainly Business Support Organisations and policy makers to inspire them to effectively support circular economy businesses. This activity will be coordinated/co-organised with SwitchMed and other regional projects.
Linkage with Regional activities		To combine with the a P2P exchange of WES (RE-3-P2P)
Linkage with National activities		Possibly linked to national activities in Algeria, Tunisia, Lebanon and Morocco







Topic	Sub-Topic	Activity
Topic 2: Promotion of Circular Economy	Sub-Topic 2.2: Waste management schemes and streams	Management of Construction & Demolition Waste (C&DW) (and Waste from Electrical and Electronic Equipment (WEEE) (RE-4-REG). This is planned to be a regional activity combined with visiting facilities and peers in EU countries.
Linkage with Region	nal activities	A Study tour in EU countries followed by P2P exchange (RE-4-ST & RE-4-P2P)
Linkage with National activities		Possibly linked to national activities in Tunisia and Lebanon







Торіс	Sub-Topic	Activity
Topic 3: Prevention and reduction of industrial pollution Topic 4: Mainstreaming Integrated Environmental Management Horizontal: PPP & Access to sustainable investment	Sub-Topic 4.1: Support NAPs implementation	Supporting countries to implement NAPs (2016-2025) (RE-5-REG)
Linkage with National activities		To be determined







Topic	Sub-Topic	Activity
Topic 2: Promotion of Circular Economy	Sub-Topic 2.2: Waste management schemes and streams	Decentralized management of organic waste (RE-6-REG)
Linkage with Regional activities		A Study Tour in EU countries followed by P2P exchange (RE-6-ST & RE-6-P2P)
Linkage with National activities		Possibly linked to national activities in Tunisia and Lebanon

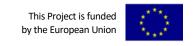






Торіс	Sub-Topic	Activity
Topic 2: Promotion of Circular Economy	Sub-Topic 2.2: Waste management schemes	
Topic 3: Prevention and reduction of industrial pollution	and streams	Best practices in achieving waste reduction in the Mediterranean (RE-7-REG)
Horizontal: PPP & Access to sustainable investment		
Linkage with Regional Activities	Circular Economy Busines	egional activity of WES (RE-3-REG) on Innovative s Models in the Mediterranean region and RE-1-REG from single-use plastics in the Mediterranean
Linkage with National Activities	Possibly linked to national Palestine and Lebanon	activities in Morocco, Algeria, Tunisia, Jordan,







Topic	Sub-Topic	Activity
Horizontal: Awareness Raising & dissemination of Information		Civil Society, MPs and Local Authorities - back-to-back Consultation meetings in view of the UfM Ministerial on Environment and Climate Change (HE-1-REG) The proposed event will enhance enormously the visibility and public ownership and support (and therefore impact) of the UfM Ministerial meeting, feeding its draft Declaration, with comments of importance to civil society, local authorities and parliaments (MPs). The timing and the structure and agenda will be co-developed with the UfMS. WES Youth, gender equality and networking efforts will be linked with this regional activity as well.







Торіс	Sub-Topic	Activity
Awareness Raising & dissemination of Information		Awareness raising and Education for Sustainable Development: Training of Trainers on campaigns for sustainable consumption (HE-2-REG) This regional training will address Ministries of Education, Environment, Water, Development, etc., agencies and organisations of educators, as well as relevant CSOs/NGOs. It directly supports the UfM SCP efforts in the region (and will therefore be planned together with the UfMS). Through this activity (ToT) a large number of educators of primary and secondary schools in the PCs will be indirectly reached. It also supports the PCs in the implementation of the Action Plan of the Mediterranean Strategy on ESD.
Linkage with other Factivities	Regional	The activity is linked with 'horizontal' project lines e.g. addressing/engaging Youth, young entrepreneurs, networking, gender equality, and WES efforts on awareness raising among consumers and producers on the causes and consequences of pollution, aiming at behavioural change.
Linkage with National activities		Possible direct links to national activities in Morocco, Algeria, Jordan, Lebanon

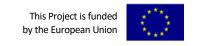






Торіс	Activity
Horizontal: Awareness Raising & dissemination of Information	Educating for Sustainable Development: focus on WWT for reuse and NCWRs (HE-3-REG)
Linkage with other Regional activities	This activity will be linked with RW-5-REG/ST: Capacity Building on TWW for reuse

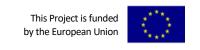






Topic	Activity
Legal and Regulatory aspects	Overall environmental governance - promotion of the Aarhus Convention in the whole of the Mediterranean (HE-4-REG). This activity will be implemented in close collaboration with the Aarhus Convention Secretariat and the Mediterranean Commission for Sustainable Development.
Linkage with other Regional activities	Linked to the related P2P process (HE-4-P2P).







Торіс	Sub-Topic	Activity
Horizontal: Awareness Raising & dissemination of Information		Knowledge Management; Science/Policy interface; citizen science (HE-5-REG)







COMPONENT 1: POLLUTION PREVENTION

ACTIVITIES AT NATIONAL LEVEL







Algeria

Dimension	Topic	Sub-Topic	Activity
Technical Assistance & Capacity Building	Topic 1: Curbing Plastic Pollution & Marine Litter	Sub-Topic 1.1: Marine litter monitoring and management	Consolidation activities on the ongoing marine litter activities in Algeria (N-E-DZ-1): expanding marine litter monitoring (e.g. other marine compartments - sea surface, sea floor); finalise the national action plan based on the consolidated findings of the assessment results of SWIM-H2020 SM; support in implementation of selected priority measures (in accordance with the MEER-MedPol Memorandum of Understanding).
Technical Assistance		Sub-Topic 2.1: Support the shift to sustainable consumption and production	Support for the promotion of Sustainable Consumption and Production and Circular Economy in Algeria (N-E-DZ-2). The activity may include the provision of support for the development of the strategy on Green Economy in line with the new National Strategy for Waste Management (Horizon 2030); improving green banking, expansion of subsidies and available funding mechanisms to the private sector; cooperation with the private sector through the implementation of a "Second generation" of contracts with industrial companies to improve environmental performance, law enforcement and social responsibility including on circular economy and SCP.







Egypt (Two activities to be selected)

Topic	Sub-Topic	Activity					
The feedback of the C	The feedback of the Country on the selection of the First National Activity is pending.						
The feedback of the C	Country on the selection o	of the Second National Activity is pending.					







COMPONENT 2: WATER USE EFFICIENCY

ACTIVITIES AT REGIONAL LEVEL







Topic	Sub-Topic	Proposed activity	
Topic 5: Enhancing Water Efficiency and Productivity in Agriculture"	Subtopic 5.2: WEFE Nexus	Training on the practical application of the water-energy-food-ecosystems nexus and related policies and regulations WEFE (RW-1-REG), focusing on - Water-Energy-Food (WEF) Security Nexus approach, methodology & benefits - inter-sectoral linkages including the nexus from the ecosystem's perspective - linkage with the SDGs, - hindrances to and opportunities from stronger integration across sectors, - tools for analyzing the WEFE nexus, - Practical solutions (policies, technologies, actions, economic instruments) for reconciling the different sectors' needs	
Linkages with regional processes/activities		Activity supports the UfM water agenda on the nexus; namely the output related to the "Knowledge shared and capacity built on Nexus methodologies, policies and technologies".	
Linkage with National activities		Partial linkage with activities in Egypt, Palestine & Tunisia	

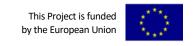






Topic	Sub-Topic	Proposed activity
Topic 3: Water Resources Valuation, Cost-Recovery and Affordability of Water Services	Subtopic 3.2: Water Accounting & Valuation	Training on water accounting (RW-2-REG:) including: - key concepts and tools in water accounting - benefits of the water accounting - demonstration of the practical use of water accounting through countries' case studies
Linkages with regional processes/activities		In line with the Water Financing Strategy of the UfM.







Topic	Sub-Topic	Proposed activity
Topic 2: Water Efficiency Gains at Decentralised Level Topic 4: Legal and Regulatory Aspects of Mainstreaming Water Use Efficiency in the National and Regional Frameworks	Subtopic 2.3 Water Demand Management (WDM)	Capacity building on WDM & methods of water conservation (RW-3-REG). Training will introduce: - WDM concept and tools - BPs for reducing both urban demands amongst large consumers and irrigation demand. - role of data and information systems - institutional responsibilities for water conservation - Role of private sector, education and religions in changing customers' behaviour. - Cost effectiveness analysis of WDM measures;
Linkage with Regional activities		This training is linked with a Peer to Peer activity (RW-3-P2P)on topics that could be selected from the above and is also closely linked to RW-4-REG
Linkage with National activities		Algeria, Israel and Morocco







Topic	Sub-Topic	Proposed activity	
Topic 2: Water Efficiency Gains at Decentralised Level	Subtopic 2.1: Non- Conventional Water Resources (NCWR)	Capacity Building (CB) on Non-conventional Water Resources (NCWR) focusing on water harvesting including through retention & aquifer recharge with storm water (RW-4-REG). Zoom into management of irrigation demands through the use of NCWR, focusing on: application of rainwater and floodwater harvesting in irrigation WH categories and available techniques and storage options considerations in the selection of suitable sites and techniques including their applicability and viability. importance of the awareness and extension/technical support	
Linkages with regional activities		Training is also linked to Peer to Peer exchange (RW-4-P2P) and with SWIM-1 demo project – Improware	
Linkage with National activities		Regional training is linked to national activities in Israel, Jordan & Lebanon	







Topic	Sub-Topic	Proposed activity
Topic 2: Water Efficiency Gains at Decentralised Level Topic 3: Water Resources Valuation, Cost-Recovery and Affordability of Water Services	Subtopic 2.5: Wastewater Treatment for reuse	Capacity Building on Wastewater Treatment for reuse (RW-5-REG) - Best low-cost wastewater treatment technologies in small villages/industries and for tertiary treatment for reuse, - assessment of impacts of TWWR, and recommended mitigation measures. - Financial management options of small WWTPs in rural zones - Incentives to improve attractiveness of reuse
Linkages with regional activities		This training is linked with a Study tour (RW-5-ST) also showing indirect reuse and is linked with Demos in PS, Oxfam from PS







Topic	Sub-Topic	Proposed activity
Topic 1 : Assessment and Estimation of Water Use (per sector)		Training on NRW (including the role of GIS in facilitating NRW management) (RW-6-REG) in
Topic 2 : Water Efficiency Gains at	Subtopic 2.2: Non-Revenue	addition to Study Tour
Decentralised Level	Water (NRW)	- measures to reduce physical and commercial losses
Topic 3: Water Resources Valuation, Cost Recovery, Affordability of water services	Management	 non-structural (soft) solutions for NRW improvements role of information systems & GIS in facilitating NRW management.
Linkages with Regional activities		This training is combined with Peer to Peer (P2P) activity (RW-6-P2P) and a study tour (ST) (RW-6-ST) to other countries in the Mediterranean which are more advanced in this field
Linkage with National activities		Training is linked to national activities in Algeria, Egypt, Israel, Jordan and Palestine







Торіс	Sub-Topic	Proposed activity	
Topic 2: Water Efficiency Gains at Decentralised Level Topic 5: Enhancing Water Efficiency and Productivity in Agriculture"	Subtopic 5.1: Water Use Efficiency in Agriculture	Training(s) of WUAs on optimal irrigation management and practices using appropriate irrigation methods for improved irrigation efficiency and soil fertility, and highlighting the benefits of using treated wastewater and rainwater harvesting (RW-7- REG).	
Linkages with regional processes/activities		This training is linked with a Study tour RW-7-ST Activity also supports the UfM water agenda on the nexus; namely the output related to the "Knowledge shared and capacity built on Nexus methodologies, policies and technologies".	
Linkage with National activities		Linkage with activities confirmed by EG, PS & TN	

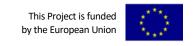






Topic	Sub-Topic	Proposed activity		
		Capacity building on PPP, green/blue economy entrepreneurship and banking for the water/wastewater sector (HW-1- REG), focusing on:		
		- PSP models including micro PSP,		
Harizantal, DDD 9 Assa	ss to	- PSP advantages/risks/applicability/enabling conditions (incl. tariff structuring)		
Horizontal: PPP & Acce sustainable Investment		- Role of the regulator, etc.		
		- Strategies for cost recovery in water and wastewater sectors, and tools for the evaluations of costs.		
		- Procedures/Mechanisms for mobilisation of funds to put in place tangible projects in synergy with other EU initiatives		
Linkages with regional		This training is linked to a peer to peer (P2P) activity (HW-1-P2P) on topics that could be selected		
processes/activities		from the above, and also with UfM actions for water		
Linkage with National activities		Linkage with activities confirmed by Egypt & Morocco		







COMPONENT 2: WATER USE EFFICIENCY

ACTIVITIES AT NATIONAL LEVEL







Algeria:

Dimension	Topic	Sub-Topic	Proposed Activity
Technical Assistance	Topic 1: Water Use Assessment, estimation Topic 2: Water Efficiency Gains at Decentralised Level Topic 3: Water Resources Valuation, Cost Recovery, Affordability of water services	Subtopic 2.2: Non-	Conduct a diagnosis for the performance of NRW in a pilot utility and develop a plan for NRW improvements focusing on minimum cost of interventions with fast investment paybacks (N-W-DZ-1)
Technical Assistance or Capacity Building	Topic 1: Water Use Assessment, estimation Topic 2: Water Efficiency Gains at Decentralised Level	Demand	Potential of Water use efficiency and water saving in municipal water (N-W-DZ-2)







Egypt

Dimension	Торіс	Sub-Topic	Proposed Activity
Technical Assistance	Topic 3: Water Resources	Revenue Water (NRW)	Strengthen the water utilities capacities to manage/reduce NRW and detect leakage (N-W-EG-1)
Technical Assistance	Topic 2: Water Efficiency Gains at Decentralised Level Topic 5: Enhancing Water Efficiency and Productivity in Agriculture Horizontal: PPP & Access to Finance	Subtopic 5.1: Agriculture Water Use Efficiency	Assist Egypt in the preparation of a framework related to PPP to provide opportunities to create guarantees for the banking system, allowing the private sector to be invovled and improve "water network management and resources efficiency (onfarm and main network)" (N-W-EG-2).







Israel

Dimension	Topic	Sub-Topic	Proposed Activity
Technical Assistance	Valuation, Cost Recovery, Affordability of water services	Subtopic 3.1: Tariffs Subtopic 2.2 : Non- Revenue Water (NRW) Management	Examination of water tariffs for agriculture and effectiveness methods of capital recognition for water corporations. Develop incentives or disincentives for increasing the payment in the Domestic Sector based on EU practices and local context (N-W-IL-1)
Technical Assistance	Topic 2: Water Efficiency Gains at Decentralised Level	Subtopic 3.3: Non- Conventional Water Resources - Water retention	Storm water management and Natural Water Retention Measures (N-W-IL-2)







Jordan: The two activities have not yet been approved

Dimension	Topic	Sub-Topic	Activity			
The approval of the Country on the selection of the First National Activity is pending.						
The approval of th	e Country on the sel	ection of the Second	d National Activity is pending.			







Lebanon

Dimensio n	Topic	Sub-Topic	Proposed Activity
Technical	Topic 2: Water Efficiency Gains	Non- Conventional	Explore the potential of Natural Water Retention Measures (NWRM) (at the national level): Assessment of the potential and Demarcation of retention areas along priority wadis of concern for use in agriculture (N-W-LB-1)
			National plan for sludge management and treatment focusing on biodigestors and generation of biogas in a decentralised way.(N-W-LB-2)







Morocco

Dimension	Торіс	Sub-Topic	Proposed Activity
lechnical Assistance	Honic 4. Legal and Regulatory	Subtopic 2.3 : Water Demand Management (EDM)	Support WDM in relation to water scarcity (N-W-MO-1)
Assistance or Canacity	•	Water Services	Elaboration of strategies for cost recovery, and development of tools for the evaluations of costs related to water (N-W-MO-2)







Palestine

Dimension	Topic	Sub-Topic	Proposed Activity
Enhancement	Affordability of water services	Revenue Water (NRW)	Design actions/modalities for improved water billing and fees' collection rates also with a view to support outsourcing and PPP and engagement through Micro PSP (N-W-PS-1)
Assistance & Capacity	Topic 5: Enhancing Water	Nuntonic 5 1'	Capacity building/trainings with pilot farmers' associations and relevant communities on optimal irrigation management and practices (N-W-PS-2)







Tunisia

Dimension	Topic	Sub-Topic	Proposed Activity
Assistance & Capacity	at Decentralised Level Topic 5: Enhancing Water	Subtopic 5.1: Agriculture Water Use Efficiency Subtopic 2.1: Non- Conventional Water Resources	Improving water use efficiency at the field level (N-W-TN-1)
Assistance & Capacity Building	Topic 5: Enhancing Water	Subtopic 2.4 : Water Supply Productivity	Study of siltation of a Tunisian dam (N-W-TN-2)



