

State of Palestine
Palestinian Water Authority



دولة فلسطين
سلطة المياه الفلسطينية

SWIM-H2020 SM National Meeting: Palestine **Supporting sustainable water resources and a clean** **environment in the Mediterranean region**

Majeda Alawneh SWIM – Focal Point

27 November, 2018

Carmel Hotel, Ramallah

Background

- Participants from Different stakeholders
- Selection of participants was according to
 - The topic and Theme of the activity with relation to
 - Participant Back Ground
 - Participant Field of work
 - Different stakeholders

Participants were from :

Relevant Ministries, NGOs, Service providers, Diplomats

Participation was :

- Training workshops
- Study tours
- Disk study
- Webinars

Activity : Regulatory and organizational issues of decentralized water management, dealing also with drafting and implementation of management plans at sub-national level and the role/importance of Information Management in Water Resources Planning and Management at the local level

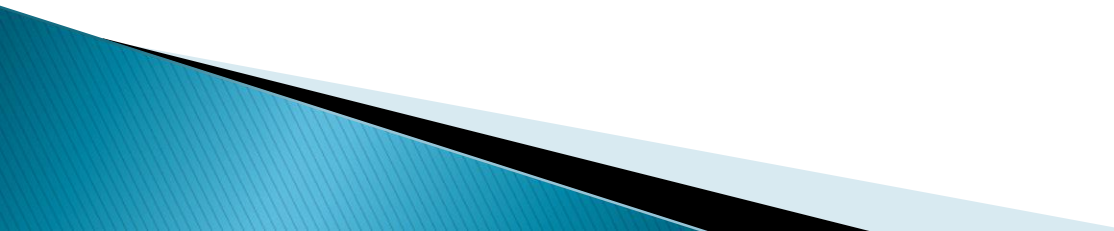
REG-4

Introduction to the concepts and approaches of the Water Framework Directive as an instrument applied in Europe to promote decentralized water management (DcWM),

The activity initiated a dialogue on issues around DcWM between decision-makers, local experts and international technical experts, across key sectors, establishing the cornerstones for the application of common practices, harmonized approaches, synergetic activities, regional cooperation, etc. in topics of mutual interest.

REG-5

Participants were introduced to the

- (a) basic principles of public participation and crucial ingredients for success, including methods / mechanisms for participation in DcWM and key steps involved in planning effective public engagement processes
 - (b) the data requirements for River Basin Management Plan (RBMP) according to the EU WFD and the governance structure necessary to ensure that reliable data is available and accessible for planning, monitoring and assessment, and
 - (c) the concept of groundwater bodies as unit for decentralised water management and protection measures at the local level
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ST-5 : Through the study tour,

- Learn from the experience of the public institutions in Austria
- Good examples on decentralized water management,
- Obtain an inside view on the tasks and work of a number of water resources managing institutions in implementing surface water and groundwater quality protections measures in agricultural areas.
- Examples of decentralized organization of water supply and wastewater treatment in rural areas of Austria were seen .

P2P-7

Specialized expert (Peer) from Palestine is participating in technical exchanges on "Groundwater zone protection and groundwater body delineation"
Egypt / Palestine /Austria

The technical exchange focuses on the principles for groundwater protection against pollution based on existing guidance documents and experiences with the European Water Framework Directive 2000/60/EU (WFD) and the Groundwater Directive 2006/118/EU (GWD)

REG-6 : Different technical and regulatory aspects of Drought Risk Management

Involved in different aspects of Drought Risk Management in the partner countries, were introduced to the concepts of proactive Drought Risk Management (DRM) and DRM mainstreaming and were engaged in the design of further regional activities under the same topic.

Activity : Regional Training on Drought Risk Analysis and Mapping

Main Stakeholders: PWA MOA and PMD

REG-7:

The main actors involved in different aspects of drought risk management in partner countries (including Palestine) are introduced to different types of drought indicators, and their technical capacity for the development and analysis of indicators (in support of decision-making) and drought risk mapping is improved.

ST-6:

The main actors involved in the partner countries (including Palestine) are introduced to good practices / measures for drought risk management in the Segura River Basin in Spain

P2P-9:

A Palestinian expert (peer) is participating in technical exchanges focused on the monitoring and mapping of drought risks (another type of training) with three other Tunisian, Jordanian and Egyptian peers and a Greek expert selected by the project. Critical issues and points common to all counterpart countries have recently been agreed, with emphasis on the institutional aspects of drought monitoring and management, based on the experience of Greece.

WEB-4:

Webinar on monitoring and mapping of drought risks involving the peer designated by Palestine.

Activity : REG 8: Regional Training on Technical, Regulatory and Cultural Aspects of Treated Wastewater Reuse

The capacity of the partner countries (including Palestine) is developed with a view to:

- **Increase awareness** on the need to reuse treated wastewater as an additional resource to reduce pressure on conventional water resources, contribute to climate change adaptation in arid zones and to inscribe sanitation - reuse in the circular economy approach

- **Reinforce the knowledge on the guidelines and standards to be applied to ensure safe reuse in the different types of use**

- **Increased competence in governance arrangements** for the wastewater reuse sub-sector through, inter alia:
 - (i) **integrating reuse** in the upstream water planning and sanitation process,
 - (ii) **implementation of an institutional** mechanism based on sectoral competences,
 - iii) **Options for covering** investment and operating costs, particularly tertiary treatment,
 - iv) **institutional arrangements**, public-private agreements and partnerships, etc.

REG-10: Regional Training on Education for Sustainable Development (ESD).

A joint meeting of parliamentarians, representatives of ministries and stakeholders also took place in the Cypriot Parliament. The report is developed and uploaded to the site 22-24 November 2017 in Nicosia, Cyprus.

REG-11: Reviewing good governance schemes with emphasis on the implementation and enforcement of legislation, needed regulatory reforms and introduction of appropriate incentives

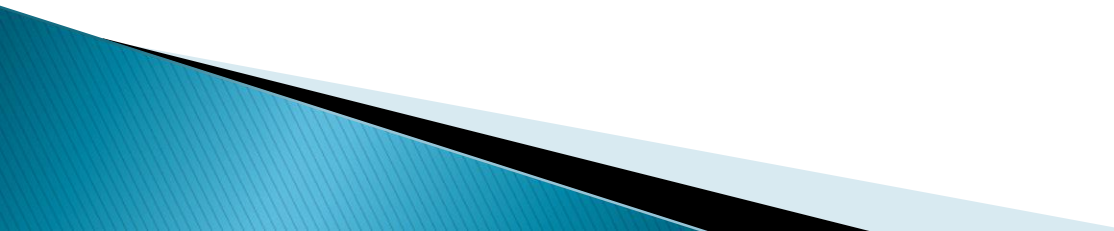
- Gained a better understanding of the key principles, elements and benefits of good governance, with a focus on the regulatory framework.
- Familiarization with approaches and methods for effective policy design, monitoring and evaluation, including the DPSIR framework (Drivers, Pressure, Status, Impact and Response), Strategic Environmental Assessment (SEA) and environmental audit.
- Reflect on strengths, weaknesses and opportunities for good governance practices in their country and explore regulatory, economic and participatory instruments for implementing policies, including their pros and cons.

REG-14: Refugee Emergency: Fast track project design on water, waste water and solid waste (focusing on wastewater and solid waste)

- Capacity strengthen in the design of appropriate wastewater and solid waste management projects.
- understanding of the needs for wastewater and solid waste management solutions that can be used in temporary settlements / camps and / or long-term or permanent facilities is improved. Training was also supported/mentored by MEHSIP

Code	Title	Major achievements
Expert Facility activities		
EFS-PS-2	Support the Conference planned on IWRM, water rights, etc. by countries	Support the PWA in in the conceptualisation, planning and management of the call for proposal for the conference
EFS-PS-1	Mainstreaming Drought Risk Management	<ul style="list-style-type: none"> - Prepared the ToR for the Aquifer Protection Advisory and Review Committee (APARC)” including identification of roles and responsibilities for the different members. -Developed a Drought and Water Scarcity Risk Profile in two pilot areas "Jenin and Toulkarem“ - - Definition of groundwater protection zones in the 2 pilot areas, and calculation of groundwater vulnerability index. GIS maps are under preparation. Final report under preparation - - Conducted a 2-day workshop on Cost of Environmental degradation targeting mostly PWA staff and other relevant stakeholders including MoA and PHG (11 and 12 July 2018) - -Technical training on Drought Risk Management Mainstreaming (7-8 Nov 2018) for the technical staff of PWA and other ministries involved, in drought management/ water resources management and planning, hydrological and water balance modeling

Applicability at the country level – Feedback from Participants

- The concepts of the design of Wastewater treatment plants was an added value to the projects that the participants are following as Mislya WWTP , revision of designs and drawings
 - At the service provision level / Utility establishment
 - Regulatory / Control
 - Application of the protection of the aquifer by- law / Protection zones
 - Methodology of the law implementation (police Units) functions is inline of what we have in Palestine –
 - ESIA for the sector is a good example that can be taken forward
 - Training Material References are available in hands / knowledge sharing
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Recommendations

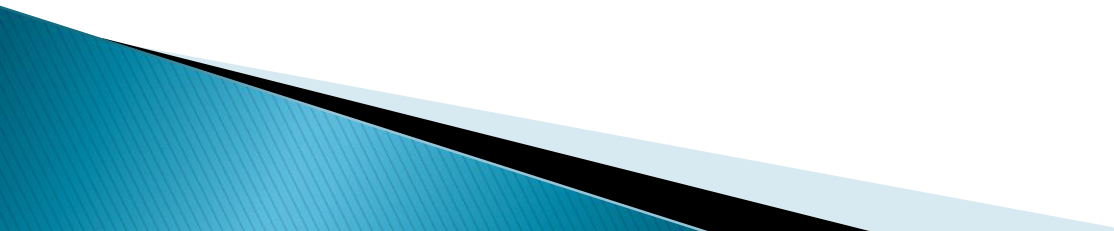
The time Vs material / content was not suitable, extensive program

P2P experience and lessons learned need to be discussed (time interval between responses), real discussions between the peers were missing

The absence of the full picture about any topic made it difficult to provide the required and correct data

Experts' missions: should spend more time for desk work to build capacities of the Palestinian teams

Involvement of some stakeholders in the water sector (NGOs) should be coordinated and well communicated with the focal points for the follow up



Thank you

