

SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

Session I: Overview of the SWIM-H2020 Support Mechanism since the last Steering Committee Meeting

Presented by:

Prof. Michael SCOULLOS, Team Leader

SWIM and Horizon 2020 Support Mechanism

Steering Committee Meeting

31 January 2018, Dead Sea, Jordan

This Project is funded by the European Union



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SWIM-H2020 SM in a Snapshot

Profile

The **SWIM-H2020 SM Project**, is part of the political process of H2020, a flagship Programme of the Union of the Mediterranean (UfM) funded by the European Union. It aims to contribute to reduced marine pollution and a sustainable use of scarce water resources in the Mediterranean Region with emphasis on the **countries of North Africa and the Middle East (Algeria, Egypt, Israel, Jordan, Lebanon, [Libya], Morocco, Palestine, [Syria] and Tunisia).**

Components of the Project

The Project is the continuation and merging of two successful previous EU-funded Programmes: Horizon 2020 Capacity Building/Mediterranean Environment Programme (H2020 CB/MEP) (2009-2014) and the Sustainable Water Integrated Management Support Mechanism (SWIM SM) (2010-2015).

SWIM-H2020 SM

The Project is to:

Provide tailored and targeted technical assistance at national level based on partners' requests through an Expert Facility;

Organize regional (or sub-regional) peer-to-peer training seminars and webinars;

Conduct on-site training courses and study tours;

Capitalize on the lessons learnt, good practices and success stories;

Support logistically and technically the Horizon 2020 Initiative's Steering Group & Sub Groups and the Meetings of the Union for the Mediterranean's Water Experts Group.

SWIM-H2020 SM Expected Results

In order to Achieve:

Positive changes in the design and implementation of the relevant national institutional, policy and regulatory frameworks;

Enhancement of partner countries' capacity to promote investment and business opportunities for properly managing municipal waste, industrial emissions and waste water;

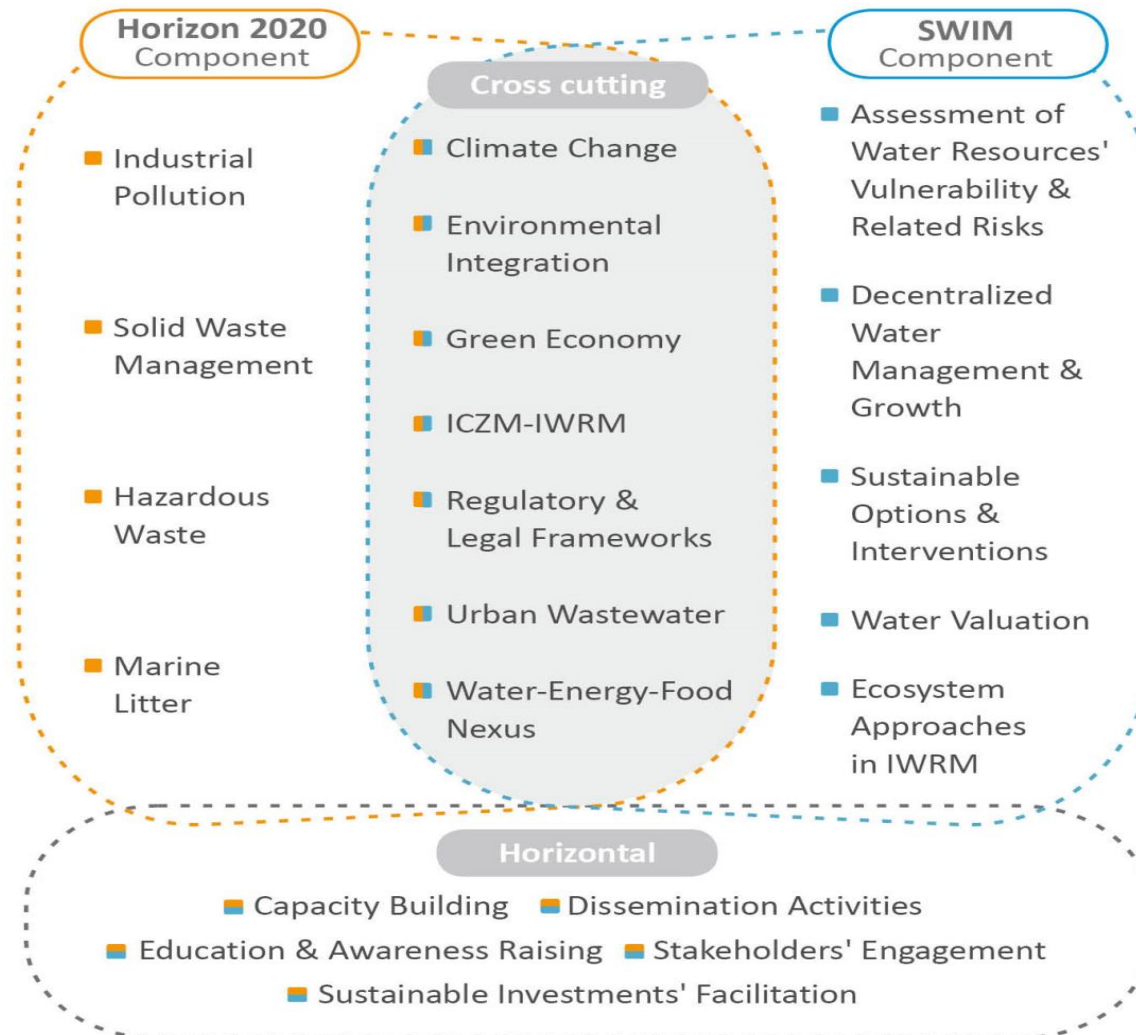
Facilitation of access to finance for selected sustainable investment projects;

Strengthening of regional coherence and cooperation in approaches to marine pollution prevention and control, and sustainable water management;

Identification, testing and sharing of best practices and success stories;

Use of research results in policy making – enhancement of more sustainable practices.

SWIM-H2020 SM Themes



SWIM-H2020 SM Cooperation

Framework of Cooperation

The project is based on synergies, which are further developed and supported through:

- **The SWIM-H2020 SM Focal Points (FPs)** in the Ministries in charge of Water and Environment of the Partner Countries, which also constitute the SWIM-H2020 SM Steering Committee.
- **Regional bodies forming the Institutional Partners** of the Project, namely:
 - the **Union for the Mediterranean (UfM)**, assisting on issues linked with the draft Strategy for Water in the Mediterranean, the Water Strategy in the Western Mediterranean (5+5), projects and investments related with Mediterranean pollution Hot Spots.
 - the **Mediterranean Action Plan of UNEP (UNEP/MAP)**, supporting activities related to the Land Based Sources (LBS), the Hazardous Wastes and Integrated Coastal Zone Management (ICZM) Protocols of the Barcelona Convention as well as the revised National Action Plans (NAPs).
- **Relevant EU Institutions** (including DG ENV, NEAR, Research, MARE, etc.) such as the European Investment Bank (EIB) which coordinates the Mediterranean Hot Spots Investment Programme II (MeHSIP II) and **Agencies** such as the European Environment Agency (EEA), which coordinates the Shared Environmental Information System (SEIS) South.
- **Other Regional Initiatives and Projects** (SwitchMed, BlueGreen Med CS, CLIMA South, etc.).

SWIM-H2020 SM Identity

Partner countries:

Algeria, Egypt, Israel, Jordan, Lebanon, [Libya], Morocco, Palestine, [Syria], Tunisia
Participation of Albania, Bosnia Herzegovina, Mauritania, Montenegro and Turkey
in regional activities are considered.

Contracting Authority:

Directorate-General for Neighborhood and Enlargement Negotiations (DG NEAR)

SWIM-H2020 SM Team:

Mr. Stavros Damianidis, Project Director

Prof. Michael Scoullou, Team Leader

Mrs. Suzan Taha, Water Expert

Mr. Ismail Anis, Environment Expert

Dr. Emad Adly, Stakeholder Engagement expert

Dr. Maggie Kossida, Science – Policy interface

Duration:

39 months (2016-2019)

Budget:

6.625.000 Euros

SWIM-H2020 SM Consortium



LDK Consultants S.A. (Leader)
LDK Consultants Europe S.A.



Haskoning DHV Nederland B.V.



Arab Countries Water Utilities Association (ACWUA)



Mediterranean Information Office for Environment, Culture and Sustainable Development (MIO - ECSDE)



Arab Network for Environment and Development "RAED"



Milieu Ltd



Association of Cities & Regions for Recycling and Sustainable Resource Management (ACR+)



National and Kapodistrian University of Athens (UoA)



Catalan Waste Agency (hosting institution of Regional Activity Centre for Sustainable Consumption and Production (SCP/RAC))



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SWIM-H2020 SM in Numbers

The Project in Numbers

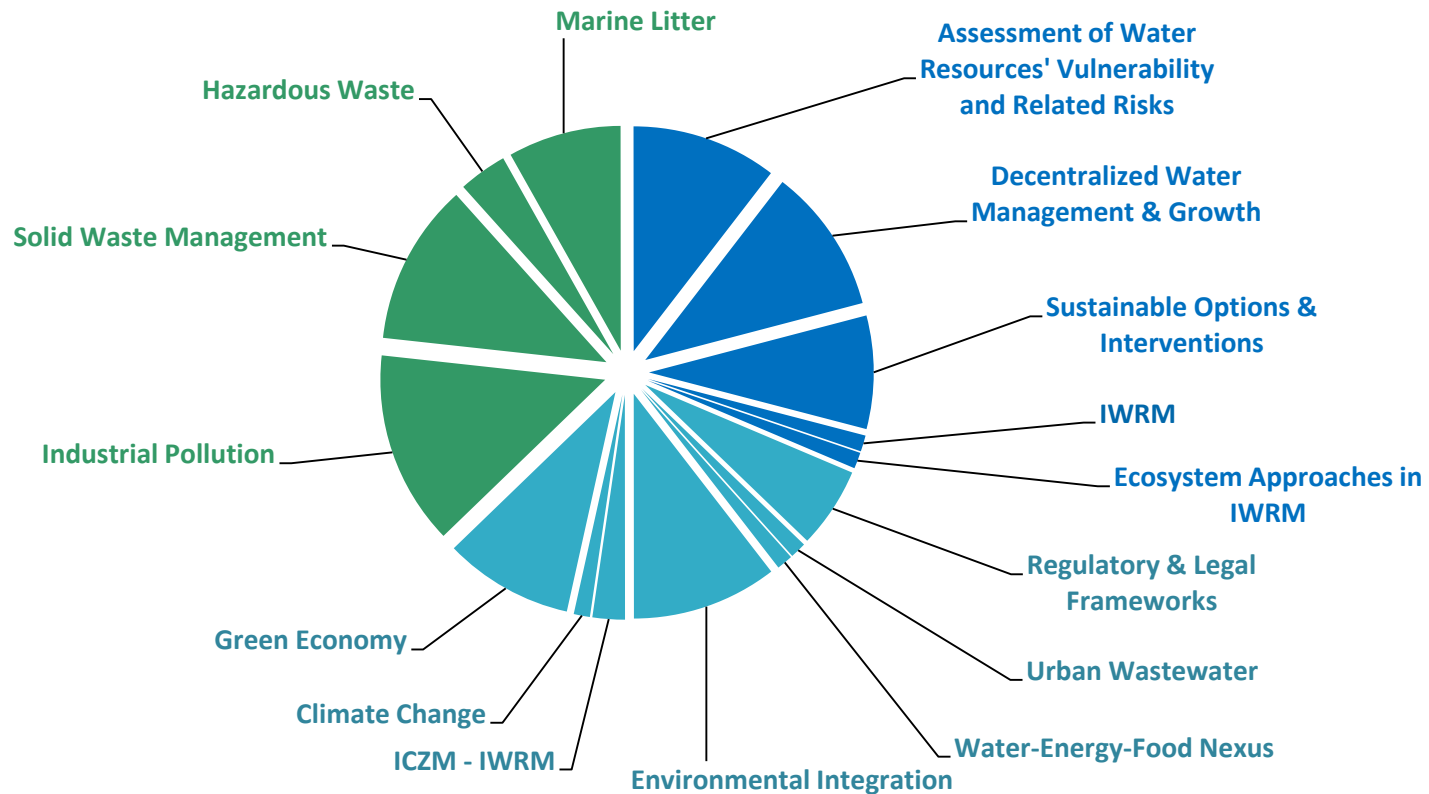
1	Support Mechanism
2	Components (SWIM and Horizon 2020)
8	Partner (Beneficiaries) Countries (active)
19	Major Synergies
14	Consortium Partners
39	Months (2016-2019)
6.625.000	Euros Budget
21	Themes
Over 100	Activities out of which 50 are National and 35 (sub)Regional and other meetings with participation from Western Balkans and Turkey
16	Annual Meetings
11	Categories of Stakeholders involved
2	Websites (Project & H2020 revamped)
2	Social Media Pages (LinkedIn, Facebook)

SWIM and Horizon 2020 Support Mechanism at a glance

85 activities under 15 themes for both **Water** and **Environment**

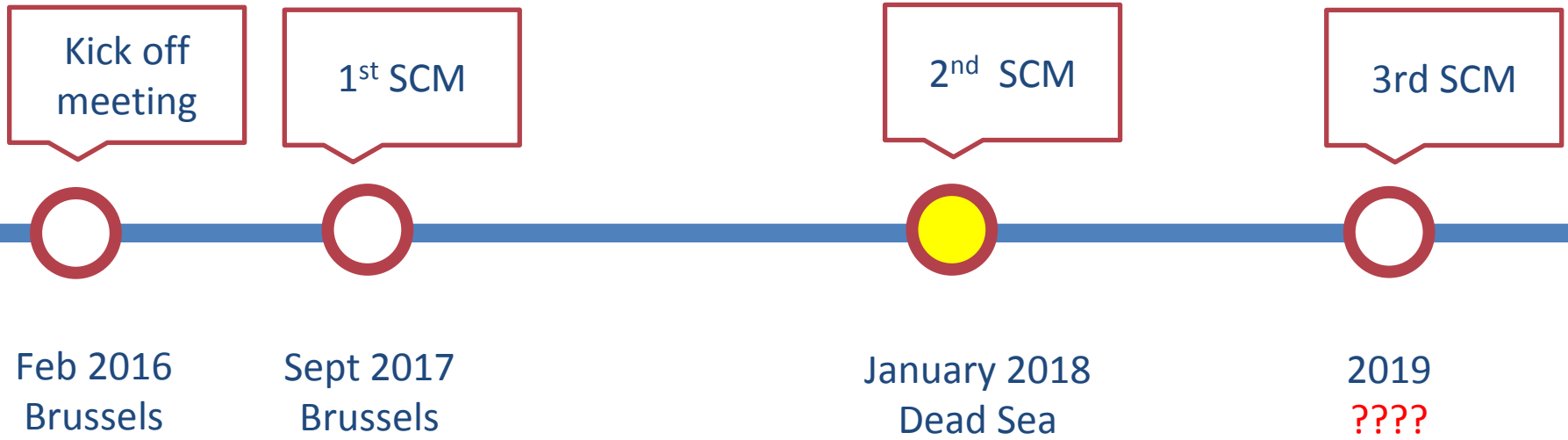
H2020 Themes

SWIM Themes



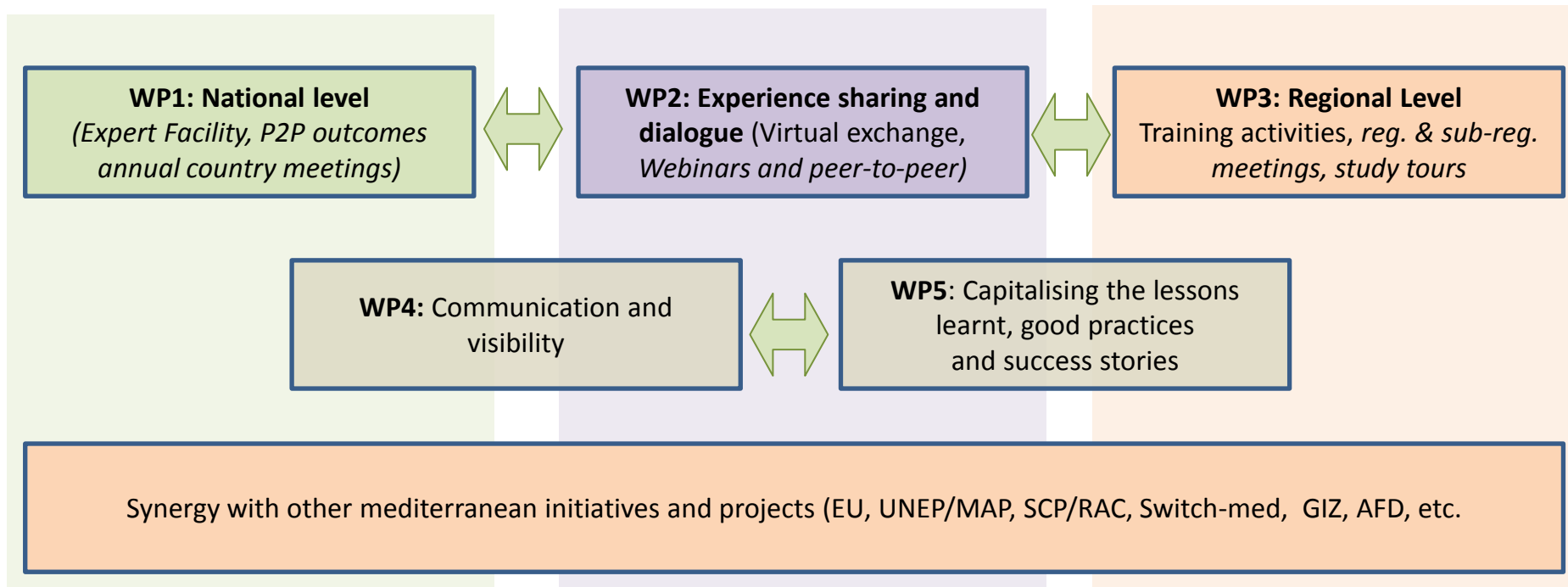
Cross-Cutting H2020/SWIM Themes

Timeline

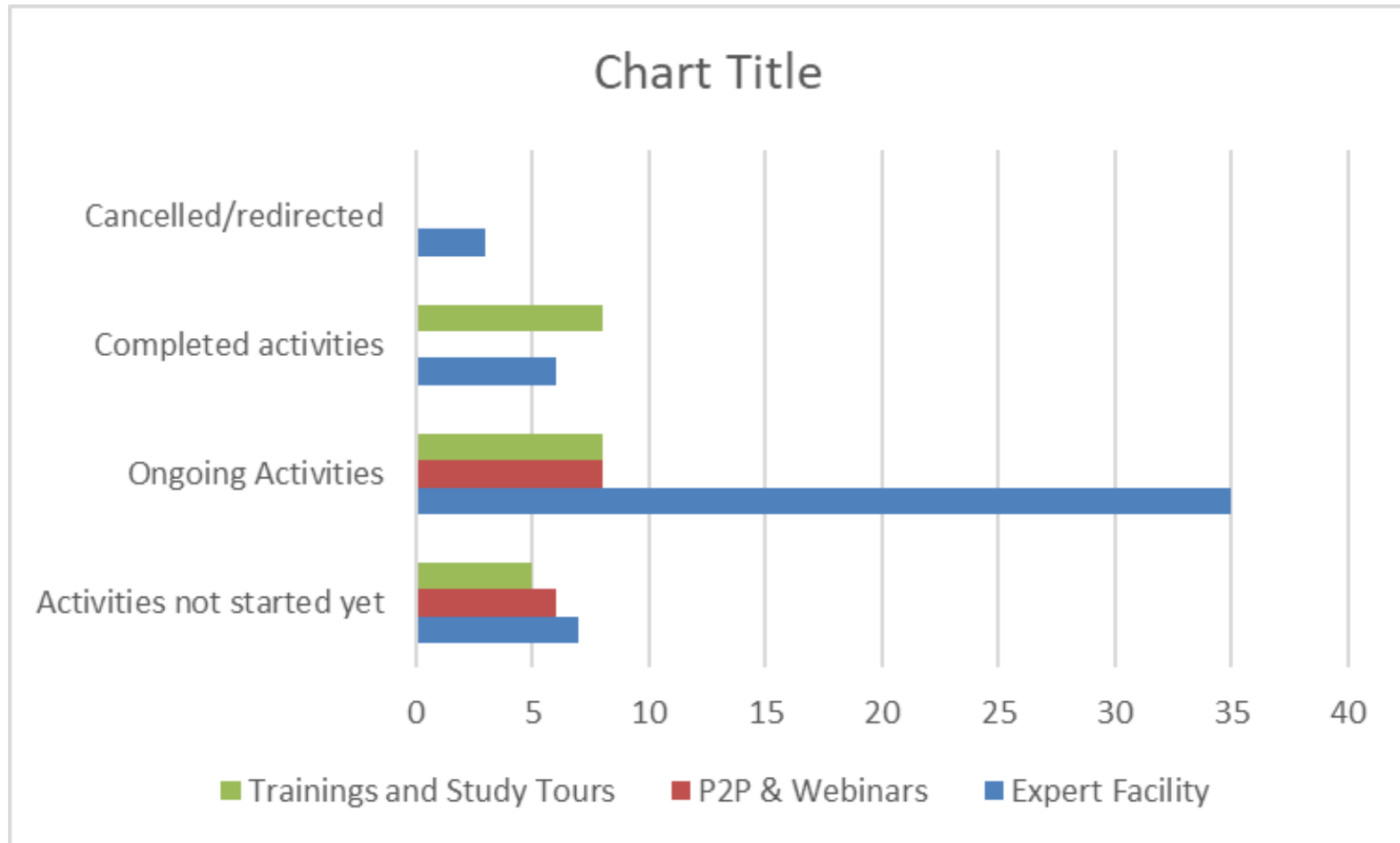


Environment Component: Progress of Regional and National activities

Implementation processes



WP1, 2 & 3: Expert Facility and Regional Activities



WP4: Communication and Visibility Activities

Communication Tools

Websites

- www.swim-h2020.eu website developed and **fully functional** (EN, FR, AR). It is the **key communication platform of the Project and library of deliverables**
- www.h2020.net website: revamped and updated - **fully functional**

SWIM-H2020 SM Leaflet (EN, FR, AR)

3.356 Stakeholders and Media (~48.900 emails in total) were informed via:

- **17 News Releases (EN, FR, AR)**
- **3 Newsletters** were published (every 4 months) and sent to **9.000 stakeholders and media (in total)**
- **36 Articles** related to the Project were **published in Newspapers, News and Environmental websites**
- **Social Media Pages: Facebook Page (7.452 followers) | LinkedIn Page**

Conferences/ Events

- The SWIM-H2020 SM Team has participated in **17 Conferences/ Events in 9 Countries**

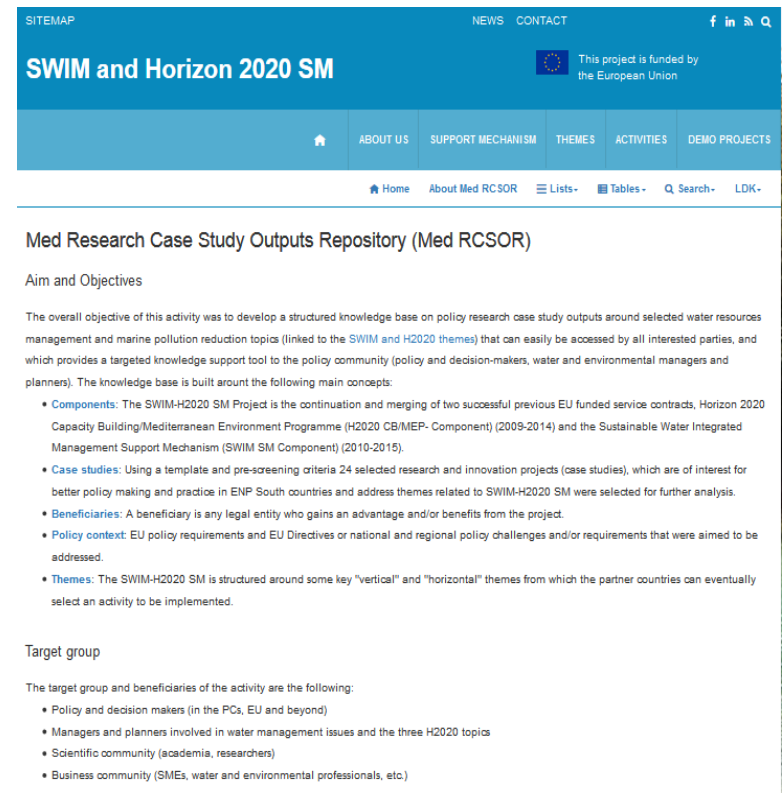
Annual Country Meetings: upcoming round in the next months

WP5.1 Strengthening the research-policy interface

Deliverable “Recommendations on strengthening the research to policy/practice interface” completed and soon to be disseminated.

WP5.1.1. Med Research Case Study Outputs Repository (RCSOR)

MedRCSOR is an on-line tool for storing research case studies outputs, mapped under Activity 5.1 of the SWIM H2020 SM around different water resources management and environment priority topics.



The screenshot shows the website for 'SWIM and Horizon 2020 SM'. The header includes 'SITEMAP', 'NEWS', 'CONTACT', and social media icons. A blue banner at the top right states 'This project is funded by the European Union' with the EU flag. The main navigation menu includes 'ABOUT US', 'SUPPORT MECHANISM', 'THEMES', 'ACTIVITIES', and 'DEMO PROJECTS'. Below the menu, there are links for 'Home', 'About Med RCSOR', 'Lists', 'Tables', 'Search', and 'LDK'. The main content area is titled 'Med Research Case Study Outputs Repository (Med RCSOR)'. Under the heading 'Aim and Objectives', there is a paragraph describing the project's goal to develop a structured knowledge base on policy research case study outputs. Below this, there are four bullet points: 'Components', 'Case studies', 'Beneficiaries', and 'Policy context'. The 'Target group' section follows, stating that the target group and beneficiaries are policy and decision makers, managers and planners, scientific community, and business community.

SITEMAP NEWS CONTACT f in Q

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ABOUT US SUPPORT MECHANISM THEMES ACTIVITIES DEMO PROJECTS

Home About Med RCSOR Lists Tables Search LDK

Med Research Case Study Outputs Repository (Med RCSOR)

Aim and Objectives

The overall objective of this activity was to develop a structured knowledge base on policy research case study outputs around selected water resources management and marine pollution reduction topics (linked to the SWIM and H2020 themes) that can easily be accessed by all interested parties, and which provides a targeted knowledge support tool to the policy community (policy and decision-makers, water and environmental managers and planners). The knowledge base is built around the following main concepts:

- **Components:** The SWIM-H2020 SM Project is the continuation and merging of two successful previous EU funded service contracts, Horizon 2020 Capacity Building/Mediterranean Environment Programme (H2020 CB/MEP- Component) (2009-2014) and the Sustainable Water Integrated Management Support Mechanism (SWIM SM Component) (2010-2015).
- **Case studies:** Using a template and pre-screening criteria 24 selected research and innovation projects (case studies), which are of interest for better policy making and practice in ENP South countries and address themes related to SWIM-H2020 SM were selected for further analysis.
- **Beneficiaries:** A beneficiary is any legal entity who gains an advantage and/or benefits from the project.
- **Policy context:** EU policy requirements and EU Directives or national and regional policy challenges and/or requirements that were aimed to be addressed.
- **Themes:** The SWIM-H2020 SM is structured around some key "vertical" and "horizontal" themes from which the partner countries can eventually select an activity to be implemented.

Target group

The target group and beneficiaries of the activity are the following:

- Policy and decision makers (in the PCs, EU and beyond)
- Managers and planners involved in water management issues and the three H2020 topics
- Scientific community (academia, researchers)
- Business community (SMEs, water and environmental professionals, etc.)

WP5.2 Screening BATs, BREFs and BEPS

This task will produce **a report** for each of the **2 selected sectors**:

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with the selected BATs, BEPs, technologies, complemented with circular economy measures.

This will contribute to a tailor-made approach for the Southern countries of the Mediterranean to BATs and BEPs and will enhance uptake of pollution prevention and circular economy measures in the region.

To be launched in **February 2018**.

WP5.3 Ex-Post Assessment of the Sustainability and Impact of SWIM SM and DEMOS (Phase I)

Summary of Conclusions for SWIM-SM Activities a.

Assessment criteria	Activity 1.2.10 National policies for the establishment of water & aquatic environment prosecution and magistrates' systems in 2 SWIM focus countries (Lebanon & Palestine)	Activity 2.2.3a Development and execution of a capacity development program for water & environment prosecutors and investigators	Activity 4.1.2.4.8 Verification & validation of adequacy & efficiency of operation of WWTP projects in Lebanon, Tunisia and Morocco
Relevance	The objectives were aligned with the regulatory needs identified.	The six priority areas for the training were aligned with the capacity needs.	The objectives were aligned with the overall purpose of the SWIM-MeHSIP-PPIF collaboration.
Effectiveness	The utilization of the outputs in the PCs following completion of the activity is unknown.	It is unclear if participants applied the lessons learned from the training.	Up-to-date information about the operation of the WWTPs was provided but it is unclear whether any workshops were organised, as requested in the ToR.
Efficiency	The tasks defined in the ToR were specifically focused on delivering the four desired outputs.	It could not be assessed if all tasks envisioned in the ToR were necessary or efficient.	The activity tasks were clearly formulated and well connected to the activity's objectives.

WP 5.3 Ex-Post Assessment of the Sustainability and Impact of SWIM SM and DEMOS (Phase I)

Summary of Conclusions for SWIM-SM Activities b.

Assessment criteria	Activity 1.2.10	Activity 2.2.3a	Activity 4.1.2.4.8
	National policies for the establishment of water & aquatic environment prosecution and magistrates' systems in 2 SWIM focus countries (Lebanon & Palestine)	Development and execution of a capacity development program for water & environment prosecutors and investigators	Verification & validation of adequacy & efficiency of operation of WWTP projects in Lebanon, Tunisia and Morocco
Sustainability, utility and replicability	It is unclear what actions were taken after the completion of the activity.	Information regarding how the training manual has been used or if any specific lessons have been applied could not be found.	It is unclear if the best practices and recommendations have been implemented.
Quality of design (fit-for-purpose)	The stakeholders in the target PCs were directly involved in the design and implementation of the activity.	It is unclear if and how the beneficiaries of the activity were involved in the planning and design of the study tours.	Local stakeholders were directly involved during the field visits to the WWTPs.

WP 5.3 Ex-Post Assessment of the Sustainability and Impact of SWIM SM

Assessment of 3 activities within the SustainMed DEMO project

Sustainable wastewater and sanitation management in four countries (Morocco, Tunisia, Egypt and Jordan)

Assessment criteria	Decentralised Wastewater Management (DWWTR) in Jordan	Regional training course - ECOSAN (Morocco)	Egyptian-Jordanian Exchange Workshop
Relevance	The objectives were aligned with the regulatory needs identified.	The six priority areas for the training were aligned with the capacity needs.	The objectives were aligned with the overall purpose of the SWIM-MeHSIP-PPIF collaboration.
Effectiveness	The utilization of the outputs in the PCs following completion of the activity is unknown.	It is unclear if participants applied the lessons learned from the training.	Up-to-date information about the operation of the WWTPs was provided but it is unclear whether any workshops were organised, as requested in the ToR.
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WP5.4 External monitoring and ad hoc TA to SWIM DEMO projects (Phase II)

- ❑ **Innovative Demonstrations on Sustainable Integrated Management of Wastewater and Reclaimed Water Use in North West Bank – Palestine**
 - Duration: 01/2017– 12/2020 (36 months)
 - Budget: 3,578,499.00 Euro
 - Applied in Palestine
 - Led by: Agricultural Development Association (PARC) Ramallah, West Bank and Gaza Strip

- ❑ **Promote Wastewater Treatment and Reuse in the water scarce areas of the Middle East and North Africa through development and demonstration of innovative financial instruments and inclusive management plans**
 - Duration: 12/2016– 11/2020 (36 months)
 - Budget: 1,317,884.68 Euro
 - Applied in Palestine
 - Led by: The Applied Research Institute Jerusalem, (ARIJ)

- ❑ **Reuse of Treated Wastewater for Agriculture Irrigation in southern part of Gaza Strip**
 - Duration: 04/2017– 03/2020 (36 months)
 - Budget: 2,176,375 Euro
 - Applied in Palestine
 - Led by: OXFAM

WP6 Support Activities

- ☐ Horizon 2020 Steering Group and Sub-groups
- ☐ Steering Committee Meetings of SWIM-H2020 SM
- ☐ Technical Support to the UfM Water Expert Group
- ☐ Support to the Horizon 2020 Coordination Mechanism

SWIM-H2020 SM

For further information

Website

www.swim-h2020.eu

E: info@swim-h2020.eu

LinkedIn Page

<https://www.linkedin.com/company-beta/15245649/?pathWildcard=15245649>

Facebook Page

<https://www.facebook.com/Swim-H2020-SM-Project-517590438434444/>

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Thank you for your attention.

This Project is funded by the European Union

