

SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

SWIM-H2020 SM

Presented by:

Prof. Michael SCULLOS, Team Leader

SWIM-H2020 SM Study Tour: Visit to State-of-the-Art Sludge Management Systems

25-27 June 2018, Athens, Greece

This Project is funded by the European Union



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;

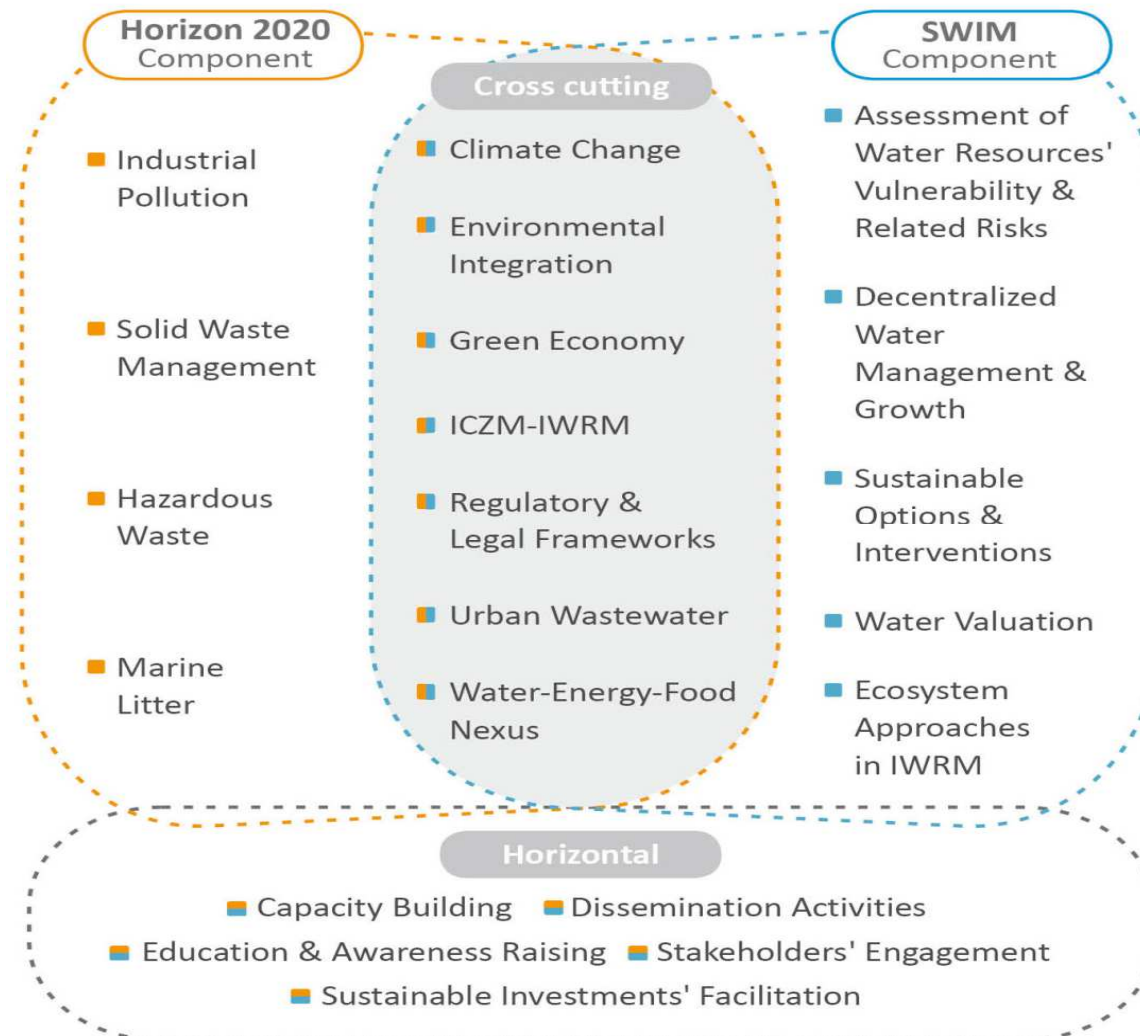
Facilitation of access to finance for selected sustainable investment projects;

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, 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 will be 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
Mr Emad Adly, Stakeholder Engagement expert

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))



Umweltbundesamt GmbH



EEIG UT – SEMIDE



WS Atkins International Ltd



GLOBE ONE LTD



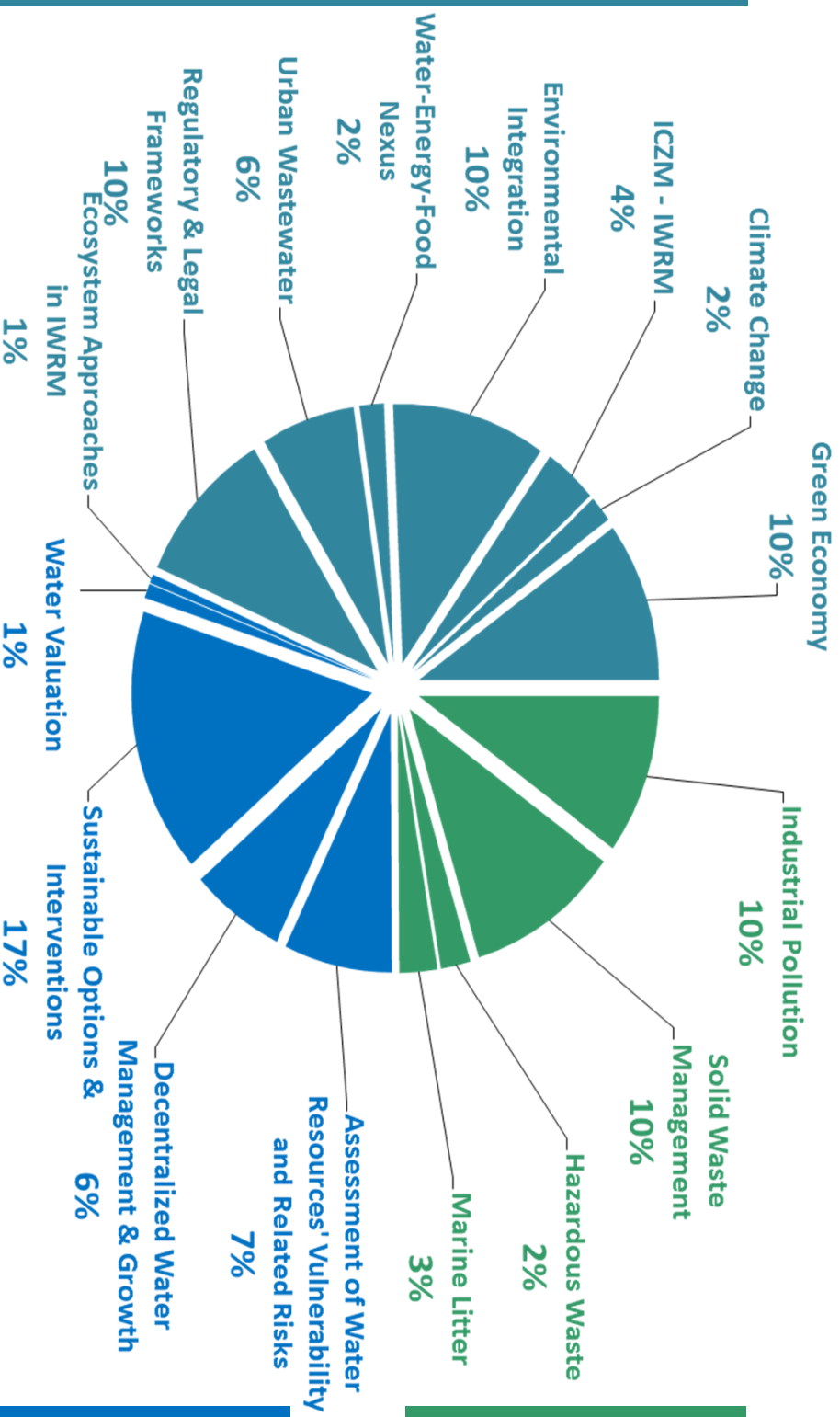
SWIM-H2020 SM in Numbers

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 52 are National and 32 (sub)Regional and other meetings with participation from Western Balkans and Turkey
24	Annual Meetings
11	Categories of Stakeholders involved
2	Websites (Project & H2020 revamped)
2	Social Media Pages (LinkedIn, Facebook)

Work Programme at a glance

Cross-Cutting H2020/SWIM Themes



H2020 Themes

SWIM Themes

Sludge Management Systems

This activity is implemented under the H2020 Component and the “Solid Waste Management” theme and clustered in the Project Work Plan under WP3: Training Activity, ST-2: Study Tour to visit state-of-the-art Sludge Management Systems. It is also combined with the Peer-to-Peer activity (P2P-2) on “Sludge Management, focusing on possibilities and conditions for utilization/different applications” under WP2.

Sludge Management Systems

This Study Tour on sludge management is intended to inform about the state of the art technology, organization and practices of handling sewage sludge from sewage treatment plants of major cities, with emphasis on recovery of energy by producing alternative fuels and also recovery of nutrients.

Sludge Management Systems: objectives

The overall aim of the visit is to bring together key stakeholders from PCs with selected experts and provide a high-level study visit focusing on sludge management from sewage treatment plants, which will include training/brief workshops, exercises and discussions.

The specific objectives are to:

- Introduce to the participants an integrated approach for sustainable management of sewage sludge;
- Visit a fully operational state-of-the-art sludge management facility and a pilot facility for the management of sludge reject water, providing the participants with a complete/comprehensive introduction of the sludge management system, that produces alternative fuel from the sludge.
- Enable, encourage, and facilitate dialogue and exchange of experiences between key stakeholders from PCs with those from Greece (utilities/sanitation company, etc.).
- Enable sharing of experiences among trainees and trainers on sludge management practices; facilitate exchanges and the development of synergies and complementary activities within the Mediterranean;
- Launch a regional peer-to-peer process.

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.

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