

SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

SWIM-H2020 SM Regional Training on Technical, Regulatory and Cultural Aspects of Treated Wastewater Reuse (REG-8)

Presented by:

Ms. Suzan TAHA, Key Water Expert

SWIM and Horizon 2020 SM: Introduction to the Regional training

23/07/2018, Athens, Greece

This Project is funded by the European Union



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Project info

COMPONENTS

Sustainable Water
Integrated Management -
Support Mechanism

Horizon 2020 -
Support Mechanism

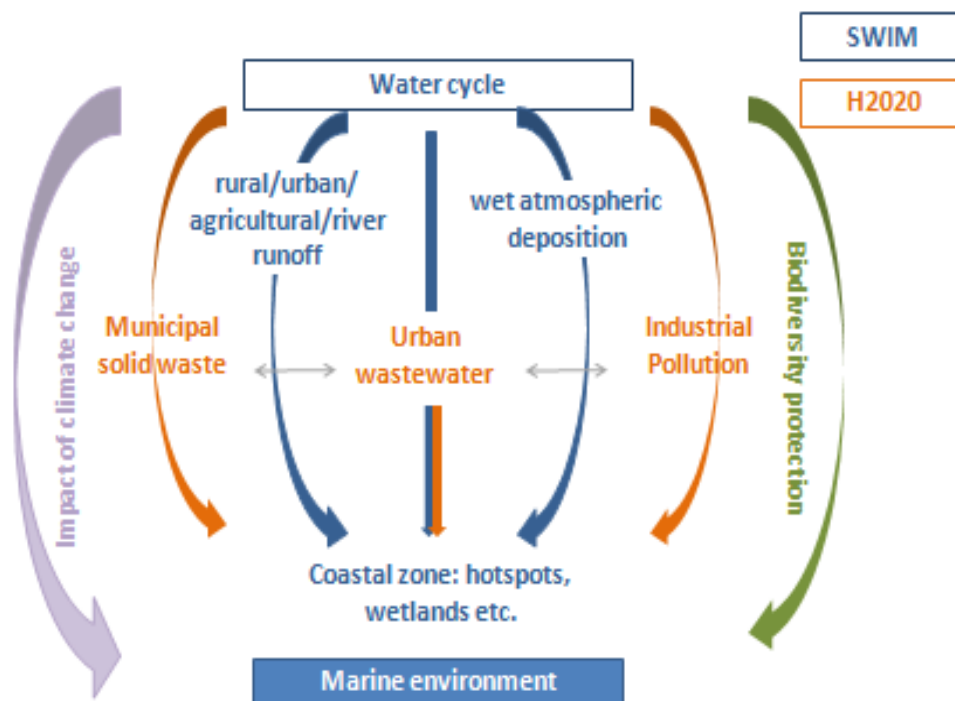
OVERALL OBJECTIVE:

“to contribute to reduced marine pollution and a more sustainable use of scarce water resources by providing tailored and targeted support to stakeholders of the Beneficiary Countries within each of the six result areas”

PROJECT BACKGROUND

Continuation and merging of two successful previous EU-funded projects:

- ☐ Horizon 2020 Capacity Building / Mediterranean Environment Programme (H2020 CB/MEP) (2009-2014)
- ☐ Sustainable Water Integrated Management (SWIM) (2010-2015)



SWIM-H2020 SM

The project aims to:

Provide tailor-made technical assistance at the national level in response to partner requests, provided through a pool of experts

Organize regional (or sub-regional) seminars and webinars between peers

Organize trainings and study visits in the field

Capitalize on lessons learned, good practices and successes

Provide support to the Horizon 2020 Governance Mechanism and the work of the Water expert group of the UFM

EXPECTED RESULTS

In order to obtain the following results:

Positive changes triggered 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.

Identity of SWIM-H2020 SM

Partner countries:

Southern Mediterranean Countries.

Client:

The European Commission, DG NEAR1 (Neighborhood and Enlargement Negotiations)

Team SWIM-H2020:

M. Stavros Damianidis, Project Director

Prof. Michael Scoullas, Team Leader

Ms.. Suzan Taha, Water Expert

Mr. Ismail Anis, Environment Expert

Duration:

39 months (2016-2019)

Budget:

6.625.000 Euros

Consortium of SWIM-H2020 SM



LDK Consultants S.A. (Chef de file)
LDK Consultants Europe S.A.



Haskoning DHV Nederland B.V.



Arab Countries Water Utilities Association (ACWUA)



Bureau méditerranéen d'information sur l'environnement, la culture et le développement durable (MIO-ECSDE))



Réseau arabe pour l'environnement et le développement (RAED)



Milieu Ltd



Association des cités et régions pour le recyclage et la gestion durable des ressources (ACR+)



Université nationale et capodistrienne d'Athènes



Agence catalane de l'eau (institution hôte du Centre d'activités régionales pour la consommation et la production durables (SCP/RAC))



Umweltbundesamt GmbH



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WS Atkins International Ltd



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General Training Objectives

Enhance the knowledge of the key stakeholders who are involved in technical, institutional, regulatory and managerial aspects of treated wastewater reuse in the partner countries with the aim to promote the development of safe, well-managed and socio-economically viable wastewater reuse in climate deficit Mediterranean countries.

Specific Training objectives

- **Introduce the participants to the state-of the art knowledge and new developments in wastewater reuse guidelines, including:**
 - their limits and conditions of their application; and
 - the implications of the guidelines on the regulatory and institutional aspects.
- **Promote south-to south and north to south countries' dialogue**
- **Trigger exchange of experiences between participants**
- **Cross fertilisation between the SWIM DEMO projects and this project on the subject of TWWR.**

Learning Outcomes

- **Good understanding of the following:**
 - added value of wastewater reuse in the SMC and important messages to sensitize policy makers;
 - Institutional, regulatory, financial and socio-economic, cultural, constraints in the PCs taking into account recent initiatives;
 - Health risks related to the wastewater reuse and methods of their evaluation;
- **Introduce the participants to the:**
 - Standards and guidelines for different wastewater reuse options, their limits and conditions of application;
 - Safety planning tool for wastewater reuse;
- **Raise awareness and increase capacity to integrate wastewater reuse into the water planning and sanitation processes;**
- **Analyse the financing capacities of reuse projects (particularly the funding of complementary treatment (tertiary) and related reuse works (storage, pumping, conveyance, monitoring of the quality, etc.);**
- **Analyse the institutional and contractual arrangements for reuse projects**
- **Introduce participants to the roles of the different institutions (based on sectoral competences) and to viable PPP models applicable to different types of TWWR (capitalising on other ongoing activities within the project)**

Workshop Approach

- Facilitation of the presentations, in plenary sessions, by the instructors;
- Illustration of messages by concrete cases;
- The organization and facilitation of intermittent sessions for discussion and exchange;
- The organization, in the case of crucial topics, the work of thematic groups with a restitution in plenary.

Modular structure

Module 1 (Introductory): “Wastewater reuse (WWR) in climate deficit countries: opportunities and constraints

Module 2. Strengthening and updating of knowledge on new developments of wastewater reuse guidelines (their limits and conditions of their application)

Module 3. “Governance of wastewater reuse in South and East Mediterranean Countries”

Resources for the participants

Brahim Soudi: Senior Wastewater Reuse Expert

Marta Ballesteros: Senior Legal Wastewater Expert

Nicolas Jeanmaire: Senior Wastewater Treatment Expert

Rifaat Abdel Wahaab: Senior Wastewater Expert & Peer-to-Peer Coach

Suzan Taha: Key water expert

LDK staff

SWIM-H2020 SM

For further information

Website

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LinkedIn Page

[SWIM-H2020 SM LinkedIn](#)

Facebook Page

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Thank you for your attention.

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