



Project
funded by the
EUROPEAN UNION



**ENPI
CBCMED**
CROSS-BORDER COOPERATION
IN THE MEDITERRANEAN



swmed
a better future through smarter water usage.

Contract n° 10/2177

sustainable domestic water use in mediterranean regions



GOALS OF THE PROJEC: Promote, in each participating countries, policies aimed at satisfying water and sanitation needs of the population, reducing water abstraction and improving quality of water bodies receiving wastewater

ENVISAGED ACTIVITIES: Involvement of the key-actors in carrying out the foreseen surveys and in the project implementation through the creation of "water tables" as tools for the participatory approach to programming. Studying cases on-site to identify an ad-hoc methodology to save water, capable to comply with the existing different typologies of ordinances. Preparation of local policy documents in the field of water sustainable management.

BRIEF ON THE PROJECT

The SWMED Project has been financed by the ENPI CBC Med Programme under the first call for proposals launched in 2009.

The Directorate for Environment of Lazio Region has decided to lead the project considering that the water saving and the reuse of wastewater are the most suitable tools to adequately tackle the pressing challenge for future generations represented by the water shortage.

The project duration is three year and started on the 1st September 2011 to end the 31th August 2014.

SWMED involves partners from four different countries: Italy, Malta, Tunisia and Palestinian Territories. In order to successfully implement the action the partnership has been composed by institutions of national level (LAZIO REGION, MRA, MGOZO and PWA) and high level technical bodies (CERTE, PHG, IRIDRA e SVI.MED).

The project budget is 1.788.385,60 €, 90% of which funded by ENPI CBC Med and 10% by National Funds.

THE SUSTAINABLE WATER MANAGEMENT IS THE GOAL OF SWMED

Satisfy needs
(water & sanitation)

Reduce water
abstraction

Improve quality
(water bodies
receiving wastewater)

STRATEGIES

- 1) Improve the people quality of life by improving their health
- 2) Reduce environmental impact of wastewater by enhancing the quality of water bodies and decreasing water abstraction

SET UP OF A WATER POLICY

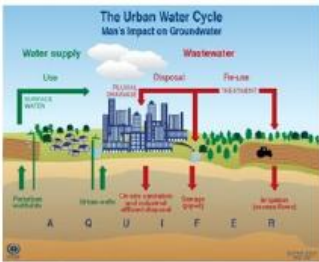
THROUGH
THE ACTIVE INVOLVEMENT OF RELEVANT STAKE-HOLDERS :
PUBLIC BODIES
WATER AUTHORITIES
WATE UTILITIES
FINAL USERS

THE SUSTAINABLE WATER MANAGEMENT ON 2 LEVELS OF APPLICATION



HOUSEHOLD: house water-cycle, from consumption to collection of different wastewater fractions for a cost-efficient treatment; i.e. treated grey-water to be reused for irrigation or domestic use

14



URBAN: distribution network (losses reduction); sewage system (separation of rainwater from wastewater); wastewater treatment plant (efficiency for reuse).

HOW WE WANT TO SETTLE A SWM IN EACH PARTNER COUNTRY

1. PARTICIPATION
Creation of regional/local water tables

2. TAILOR-MADE SOLUTIONS
Ad-hoc guidelines for implementation

3. WATER POLICY PAPERS
Commitment to introduce SWM concept in water and urban planning tools

4. INFORMATION CAMPAIGNS
National and local dissemination activities

The Project Beneficiary



The Project Partners



CONTACTS

Regione Lazio
Direzione Ambiente
Area Risorse idriche e
Servizio Idrico Integrato

Arch. Giorgio Maggi
Viale del Tintoretto, 432
00142 Roma
Tel. 0039.06.5168.9393
Fax. 0039.06.5168.9218