



The European Innovation Partnership on water  
and the road to Horizon 2020  
9<sup>th</sup> October 2013, Puglia Region Liaison  
Office, 62, rue du Trône, 1150 Brussels  
14.30 / 17.00

# SWMED Project, a strategy towards the blue economy

*Alessandro Scoppettuolo, Economist – Lazio Region*

Sustainable domestic Water use in the MEDiterranean regions



# SWMED Project, a strategy towards the blue economy

Co-funded by ENPI CBC Med Programme - 3 years project (2011 – 2014) - 1,7 mil. €

**THE PROJECT GOALS for a SWM** (Sustainable Water Management) are:



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

**THE PROJECT STRATEGIES to reach the GOALS** are:



- Satisfy needs ( water and sanitation )
- Reduce water abstraction
- Improve quality (water bodies receiving wastewater)

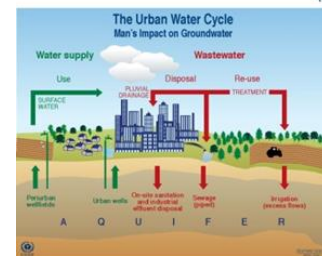
# SWMED Project, a strategy towards the blue economy

## 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



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



## 4 results to achieve

1. **Participation** - Creation of regional/local water table
2. **Tailor-made solutions** - ad-hoc guidelines for implementation
3. **Water policy papers** - commitment to introduce SWM concepts in water and urban planning tools
4. **Information campaigns** - national and local dissemination activities

# SWMED: the partnership and the target areas



## 4 COUNTRIES INVOLVED

**ITALY, MALTA, TUNISIA AND PALESTINE TERRITORIES**

## 8 PARTNERS

**LAZIO REGION (Beneficiary), MALTA RESOURCE AUTHORITY, MINISTRY FOR GOZO, PALESTINIAN WATER AUTHORITY, CERTE (Centre for research on water, Tunisia), Palestinian Hydrology Group, IRIDRA Srl (Italy) and Svi.Med (Italy)**

## 11 TARGET AREAS FOR THE FEASIBILITY STUDY

**One village and a urban peripheral area in the province of Latina; three villages in the Province of Ragusa (rural, urban and coastal); the island of Gozo; a rural settlement, a rural village and a urban area in Tunisia, a urban area and a rural village in Palestine**



Project  
funded by the  
**EUROPEAN UNION**

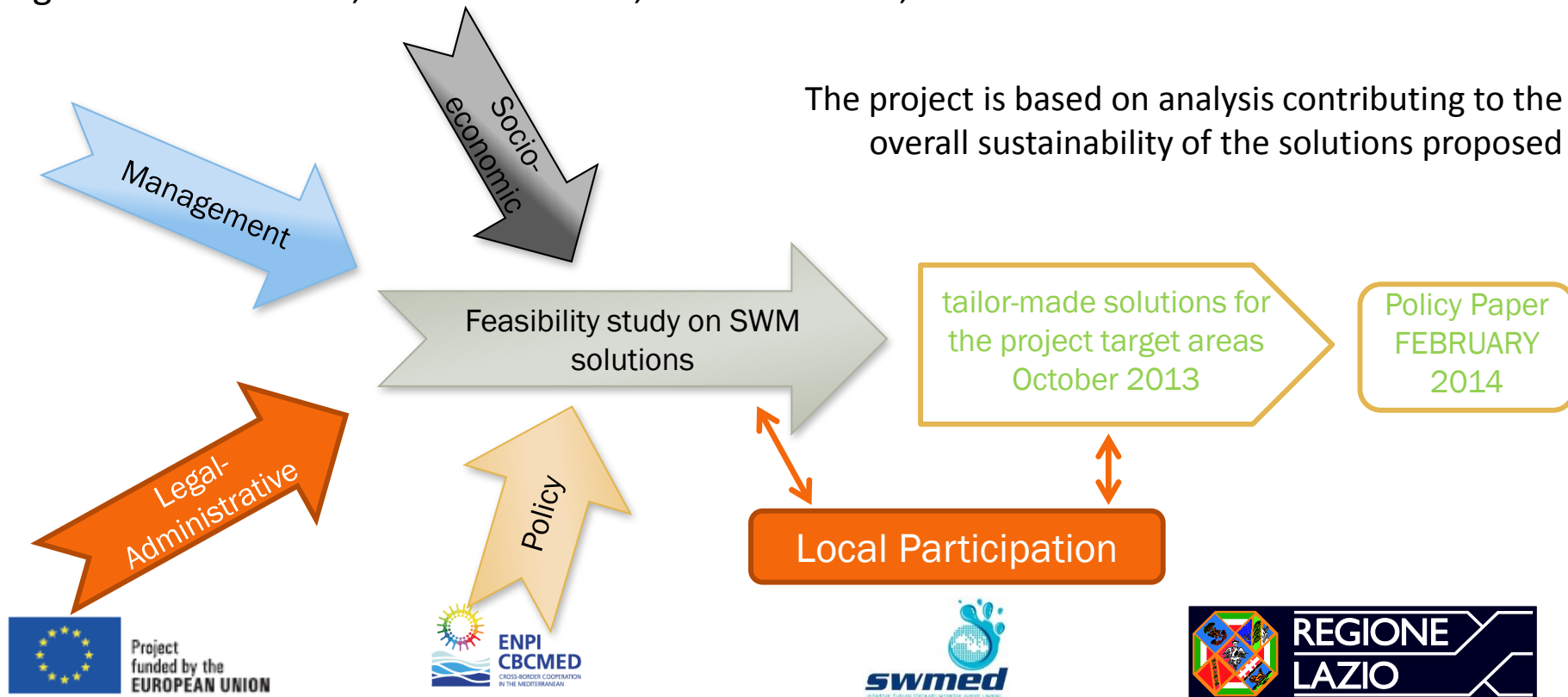


# SWMED: the way to set a new SWM policy

TO SET A NEW WATER POLICY PAPER in order to introduce **Sustainable Water Management** solutions in regional/national water plans and programming.

## **SUSTAINABLE means:**

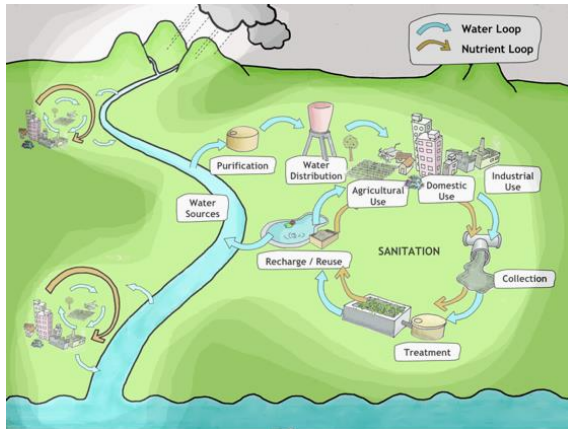
Legal - administrative, socio-economic, environmental, technical and financial dimensions.



# SWMED: a tool for the green economy with an eye to the blue innovation

SWMED is going to test ad-hoc solutions for the SWM in the project target areas which aims at reducing water consumption and reusing wastewater (greywater and black) to contrast the negative effects of climate change (reduced water availability, desertification).

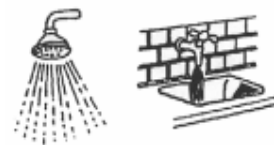
THE TOOLS are respectful  
of the natural water cycle



## SAVING SYSTEMS distributed



## Tools for reusing wastewater



**Greywater:**  
wastewater  
from kitchen,  
bath, shower.



**Blackwater:**  
urine, faeces  
& flush



# SWMED: a tool for the green economy with an eye to the blue innovation



Along with SWM tools for saving water consumption and reuse wastewater, SWMED intends to integrate other innovative systems which contribute to save management costs and create new jobs such as curapipe and smart well system



Project  
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REGIONE  
LAZIO

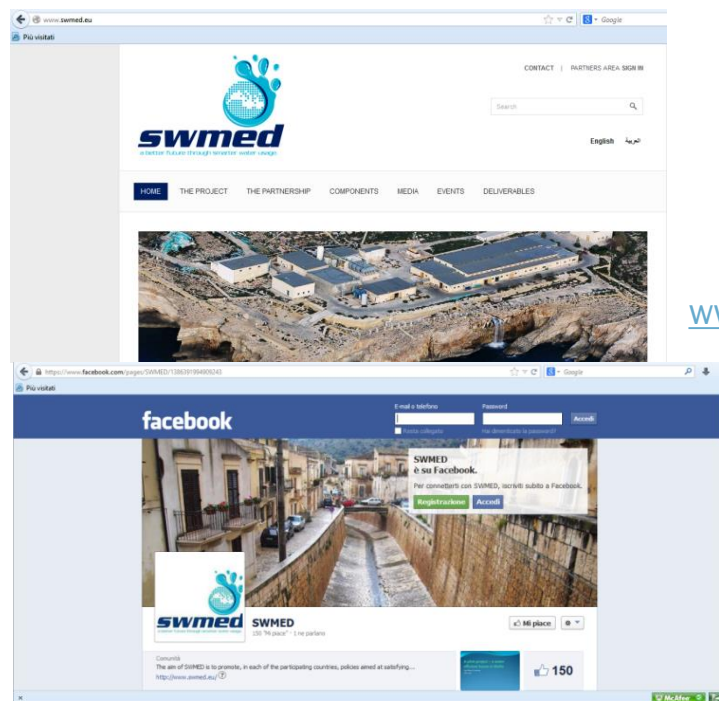
# SWMED: pushing innovation forward through information campaigns

 11<sup>th</sup> European Week of Regions and Cities  
**OPEN DAYS**  
Brussels  
7 - 10 October 2013



Water tables, local and national workshops

## Internet website and the social network:



[www.swmed.eu](http://www.swmed.eu)

<https://www.facebook.com/pages/SWMED/1386391994909243>



# SWMED: local event of the Open-days in Latina 18.10.2013

Presentation of three co-funded EU projects  
on sustainable water management carried  
out in Lazio:

SWMED (ENPI CBC Med)  
IMPROWARE (ENPI CBC Med)  
REWETLAND (Life +)

Presentation of the present and future water  
policy in Lazio and its effects by the regional  
administration, the regional water utilities  
and the Municipality of Latina.

THANK YOU VERY MUCH  
Alessandro Scoppettuolo:

[ascoppettuolo@regione.lazio.it](mailto:ascoppettuolo@regione.lazio.it)



Project  
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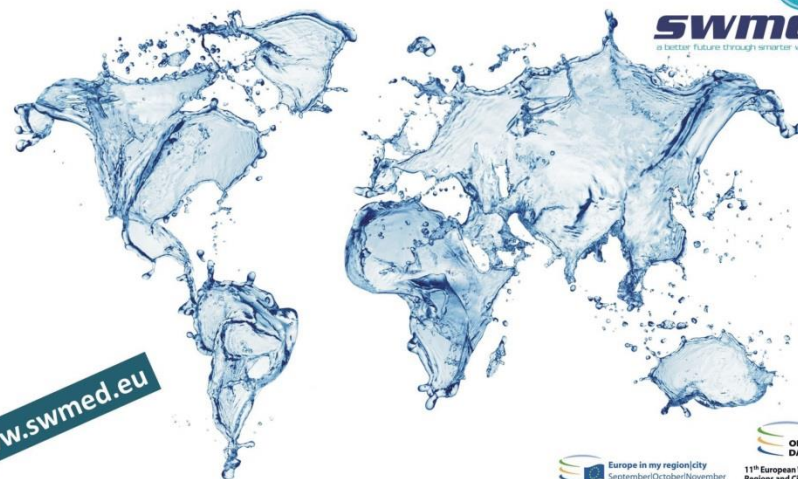
Direzione Infrastrutture, Ambiente  
e Politiche Abitative

Contract n° 10/2177

## Gestione sostenibile dell'acqua per uso domestico nelle regioni del Mediterraneo



**swmed**  
to better future through smarter water usage



Europe in my region/city  
September/October/November

11th European Week of  
Regions and Cities  
Brussels 7-10 October 2013

**Evento locale degli Open Days 10.00 – 13.30**

**La Governance sostenibile dell'acqua nel Lazio: strumenti,  
metodi e partecipazione**

LUNCH Buffet con specialità dell'Agro Pontino

**2° Tavolo dell'Acqua 14:30 – 18:00**

**Gestione sostenibile dell'acqua per uso domestico nelle  
regioni del Mediterraneo**

**18 ottobre 2013 ore 10.00-18.00**

Università degli Studi di Roma "Sapienza"  
Facoltà di Economia  
Latina, Viale XXIV Maggio n. 7  
Sala Conferenze

