



THE ISSUE Water plays a strategic role in social, human, and economic development especially in the ENPI Mediterranean countries, where it is a rare commodity. Water is a driving force for the development of agriculture and industry, and therefore, for economic growth. However, the fast growth in water demand urges to find innovative means to increase available water resources.

THE PROJECT *IMPROWARE* is a demonstration project promoting innovation and best practices on water protection in Mediterranean coastal areas. Funded with an overall budget of approximately 3,5 Million Euro, it has been approved by the European Commission and started its implementation at the beginning of 2012.

It develops cost-effective, environmental friendly and easily replicable pilot models for waste water treatment and offers insight into innovative methodologies to increasingly integrate the reuse of waste water in the planning and development of water resources management systems.

THE AIM Throughout the development of two demonstration projects in Egypt and Tunisia, *IMPROWARE* promotes environmentally sustainable water management policies and practices, challenging the deterioration of aquifers caused by saltwater intrusion due to over-exploitation and climate change.

The overall project will unfold examples of best practice and “lessons learned” enabling the dissemination of the results within the ENPI Mediterranean region.

THE CAMPAIGN The communication campaign “Any drop of water” is part of the participatory process developed in Tunisia aiming at generating, developing and expanding the public interest on the issue and give important contribution to current debates on regional water resources.

THE EXPECTED RESULTS In Egypt and Tunisia the pilot projects will primarily contribute to improving the livelihoods for rural communities and stakeholders by guaranteeing safe drinking water; encouraging new settlements and agricultural activities in desert areas; empowering society to act against desertification and adapt to climate change.

Furthermore, the overall project will help to:

- ➔ targeting the existing and forthcoming threats to water resources;
- ➔ identifying best practices and solutions to tackle the water scarcity problem;
- ➔ adopting a more appropriate water consumption and water use model;
- ➔ raising awareness at policy level to combat water scarcity;
- ➔ designing and implementing sustainable water management policies at national level and within the ENPI Mediterranean region, in harmony with EU policies and international Regulation;

This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

IMELS - Italian Ministry of the Environment, Land, and Sea (Italy)

Lead Partner and responsible for WP1 – Project co-ordination and management, dissemination, capacity building and support to regional co-operation.

EEAA - Egyptian Environmental Affairs Agency (Egypt)

Project partner responsible for the realization, management, monitoring of the Egyptian demonstration site, and dissemination of results.

ONAS - Office National de l'Assainissement (Tunisia)

Project partner responsible for the realization, management, monitoring of the Tunisian demonstration site, and dissemination of results.

CUEIM - Consorzio Universitario di Economia Industriale e Manageriale (Italy)

Project Partner responsible for WP4 – Artificial wetland as secondary/tertiary treatment stage of waste-waters

CURSA - Consorzio Universitario per la Ricerca Socioeconomica e per l'Ambiente (Italy)

Project partner responsible for WP2 – Technical survey; primary/secondary treatment stages and aquifer recharge by treated waters

AAH - University of Aarhus (Denmark)

Project partner responsible for WP3 – Hydro-geological characterization of aquifers using geophysical methods



IMPROWARE is part of the Sustainable Water Integrated Management Programme (SWIM), a Regional Technical Assistance Programme launched by the European Commission to contribute to the extensive dissemination and effective implementation of sustainable water management policies and practices in the Southern Mediterranean Region.

CONTACT

**Italian Ministry for the Environment Land and Sea
DG Sustainable Development
Climate and Energy**

44, via Cristoforo Colombo, 00147 Roma
T: +39 06/57228183
E : info@improware.eu

www.improware.eu



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SWIM – Sustainable Water Integration Management -



**ANY DROP OF WATER
TREAT IT, REUSE IT, SAVE IT!**



*Promoting innovation and best practices for
The sustainable management of a vital resource.*

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