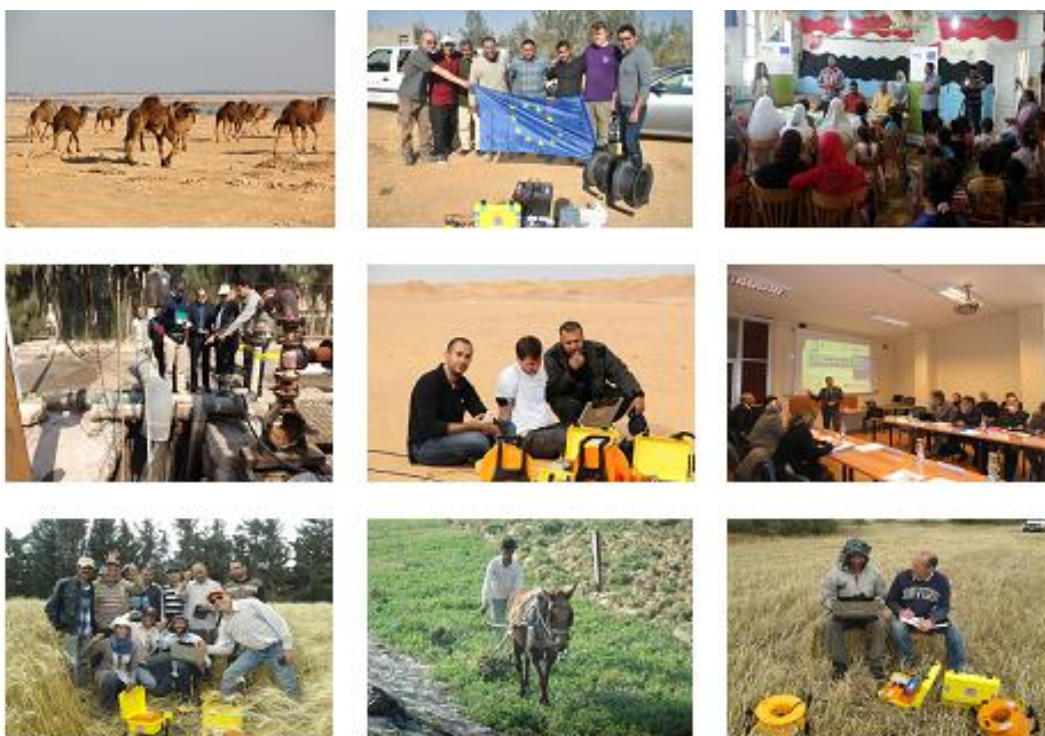


ANY DROP OF WATER

TREAT IT, REUSE IT, SAVE IT !

Policies and Techniques for a Sustainable Present

International Symposium



October 1 - 3, 2014

Venue:

HOTEL AFRICA
Av. Habib Bourguiba 50
1001 - Tunis

IMPROWARE promotes environmentally sustainable Water Management Policies and Practices in Egypt and Tunisia, challenging the deterioration of aquifers caused by saltwater intrusion due to over-exploitation and Climate Change. The project is part of the Sustainable Water Integrated Management Programme (SWIM¹), 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.

The initiative aims at developing cost-effective, environmental friendly and easily-replicable pilot models for Waste Water Treatment and offering insight into innovative methodologies to increasingly integrate the reuse of Waste Water in the planning and development of Water Resources Management Systems.

Taking stock of the achieved results and the lessons learnt by IMPROWARE, the International Symposium ***"Policies and Techniques for a Sustainable Present"*** is the key moment of the Communication Campaign **"ANY DROP OF WATER"** launched in Tunis on April 2014 .

The event is promoted by the **Italian Ministry for the Environment Land and Sea** as the **IMPROWARE** Consortium Leader and its five partners:

- **AU** (*Aarhus University*)
- **CUEIM** (*University Consortium for Managerial and Industrial Economics*)
- **CURSA** (*University Consortium for Socioeconomic and Environmental Research*)
- **EEAA** (*Egyptian Environmental Affairs Agency*)
- **ONAS** (*Tunisian National Sanitation Utility*)

ANY DROP OF WATER Policies and Techniques for a Sustainable Present International Symposium, intends to contribute to the empowerment of Decision-Makers and Civil Society in the Mediterranean Region to tackle the increasing demand for Water Resources, adaptation to Climate Changes and action against Desertification through a structured dialogue with Stakeholders of the Region.

¹ The SWIM Programme, with a total budget of approximately € 22 million, is implemented under the European Neighbourhood and Partnership Instrument (ENPI), following the Euro-Mediterranean Ministerial Conferences on Environment (Cairo, 2006) and Water (Dead Sea, 2008) and carries forward the results achieved by two earlier EC regional programmes, SMAP (I, II and III) and MEDA Water.

AGENDA

October 1st Preliminary Session

3:00 – 4:30 pm	<p>IMPROWARE E-Learning Programme Closing Event and Delivery of E-Learning Diplomas</p> <p><u>Chair:</u> Bernardino Quattrociochi – Associate Professor of Business Economics, University of Rome “La Sapienza”, Italy</p> <p><u>Speakers:</u> Pietro Teatini – Researcher, Department of Civil, Environmental and Architectural Engineering, University of Padua, Italy Massimiliano Montini – Associate Professor in European Union Law, University of Siena, Italy Riccardo Gori – Assistant Professor in Environmental and Sanitary Engineering, University of Florence, Italy</p>
4:30 – 4:45 pm	<p>Presentation of “Sinergie – Special Edition on Sustainable Water Management” and Q&A Session</p> <p><u>Chair:</u> Bernardino Quattrociochi – Associate Professor of Business Economics, University of Rome “La Sapienza”, Italy</p>

4:45 – 5:00 pm Coffee Break

October 2nd International Symposium – Plenary

<p>9:00 – 9:30 am</p> <p>9:30 – 10:30 am</p>	<p><u>Chair:</u></p> <p>Andrea De Angelis – Team Leader of IMPROWARE, Italian Ministry for the Environment Land and Sea</p> <p>Welcome Statements</p> <p>Rached Ben Romdhan – President Director General, Office National de l'Assainissement, Tunisia - ONAS, Tunisia</p> <p>Manal Al Tantawy – Project Referent IMPROWARE, Egyptian Environmental Affairs Agency - EEAA, Egypt</p> <p>“IMPROWARE as a Participative Tool to Improve the EU Neighbourhood Policy in the Mediterranean Region”</p> <p>Francesco La Camera – Director General, Italian Ministry for the Environment, Land and Sea</p> <p>“State of Play of IMPROWARE and its Added Values”</p> <p>IMPROWARE Impacts in Egypt</p> <p>Amr Fadlemawla – Senior Researcher, National Water Research Center, Egypt</p> <p>IMPROWARE Impacts in Tunisia</p> <p>Nabiha Ouerfelli / Marouani Lotfi – Office National de l'Assainissement - ONAS, Tunisia</p> <p>Armelle Lidou – Head of Cooperation to the Delegation of EU in Tunisia</p>
<p>10:30 – 11:00 am</p>	<p><u>Chair:</u></p> <p>Andrea De Angelis – Team Leader of IMPROWARE, Italian Ministry for the Environment Land and Sea</p> <p>“IMPROWARE and its Technical Models”</p> <p>Riccardo Gori – Assistant Professor of Environmental and Sanitary Engineering, University of Florence, Italy</p> <p>Pietro Teatini – Researcher, Department of Civil, Environmental and Architectural Engineering, University of Padua, Italy</p> <p>Esben Auken – Associate Professor at the Department of Earth Sciences, University of Aarhus, Denmark</p>

11:00 – 11:15 am Coffee Break

<p>11:15 – 12:00 pm</p>	<p><u>Chair:</u></p> <p>Andrea De Angelis – Team Leader of IMPROWARE, Italian Ministry for the Environment Land and Sea</p> <p>“Water Financing Activity of the EU-SWIM Programme”</p> <p>Charbel Rizk – Environment Expert SWIM Support Mechanism, Beirut, Lebanon</p> <p>Stefano Burchi – Chairman of the Executive Council of the International Association for Water Law, Italy</p> <p>Roberto Farina – Head of Laboratory for Water Protection and Management, Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Italy</p>
<p>12:00 – 12:45 pm</p>	<p>“Public Participation, Public Awareness & Sustainable Development in Northern Africa”</p> <p><u>Chair:</u></p> <p>Leila Bahri – Director, Mediterranean Renewable Energy Centre (MEDREC), Tunisia and National Communication Expert IMPROWARE</p> <p><u>Speakers:</u></p> <p>Gabriella Rossi Crespi - Expert Aarhus Convention, Italian Ministry for the Environment Land and Sea</p> <p>Hela Nafti – Director, TEARN NGO, Tunisia</p> <p>Samah Saleh – Expert Communication IMPROWARE, Egyptian Environmental Affairs Agency - EEAA, Egypt</p> <p>Emad Adly – Secretary General, Arab Network for Environment and Development, Egypt</p> <p>Amira Khamesi – Head of Communication, Municipality of La Marsa, Tunisia</p> <p>Selim Halioui - Expert Communication We Clean Project, Tunisia</p> <p>Salvatore D’Angelo – Policy Expert IMPROWARE, University Consortium for Socioeconomic and Environmental Research (CURSA), Italy</p>

12:45 – 2:00 pm Lunch

2:00 - 5:15 pm
Technical Sessions: “Sustainable Solutions to the Water Scarcity”

Session A – “Artificial Aquifer Recharge”

2:00 – 3:30 pm

“Improving Aquifer Management by Mapping Aquifer Location and Quality”

Co-Chair:

Esben Auken – Associate Professor at the Department of Earth Sciences, University of Aarhus, Denmark

Pietro Teatini – Researcher, Department of Civil, Environmental and Architectural Engineering, University of Padua, Italy

Speakers:

Paul “Ty” Ferré – Joint Professor, Department of Hydrology and Water Resources, University of Arizona, Tucson, USA

Saurabh Verma – Senior Researcher, National Geophysical Research Institute, India

Lotfi Elfrigui / Habib Chaieb – Direction Général des Ressources en Eau - DGRE, Tunisia

3:30 – 3:45 pm

Coffee Break

Session B – “Treatment of Wastewater to be reused and Target Quality”

3:45 – 5:15 pm

“Treatment of Wastewater to be reused and Target Quality”

Chair:

Riccardo Gori – Assistant Professor in Environmental and Sanitary Engineering, University of Florence, Italy

Speakers:

Sohair Abou-Elela – Researcher, Water Pollution Research Department, National Research Center, Egypt

Emmanuel Dialynas – Chemical Engineer, Dialynas S.A. Environmental Technology, Greece

Federico Vagliasindi – Associate Professor of Sanitary and Environmental Engineering, University of Catania, Italy

Donatella Caniani – Assistant Professor in Water Quality, School of Engineering, University of Basilicata, Italy

Roberto Farina – Head of Laboratory for Water Protection and Management, Italian National Agency for New Technologies,

	Energy and Sustainable Economic Development (ENEA), Italy
5:15 – 5:45 pm	<p><u>Closing Session</u></p> <p>Andrea De Angelis – Team Leader of IMPROWARE, Italian Ministry for the Environment Land and Sea introduces</p> <p>Massimiliano Montini – Associate Professor in European Union Law, University of Siena, Italy</p>

October 3rd Roundtable on Policy and Technical Guidelines

<p>9:30 – 13:00pm</p> <p>(Coffee Break at 11:30 am)</p>	<p><u>Co-Chair:</u></p> <p>Leila Bahri – Director, Mediterranean Renewable Energy Centre (MEDREC), Tunisia and National Expert Communication IMPROWARE</p> <p>Massimiliano Montini – Associate Professor in European Union Law, University of Siena, Italy</p> <p><u>Introduction:</u></p> <p>Pietro Teatini – Researcher, Department of Civil, Environmental and Architectural Engineering, University of Padua, Italy / Esben Auken – Associate Professor at the Department of Earth Sciences, University of Aarhus, Denmark / Riccardo Gori – Assistant Professor in Environmental and Sanitary Engineering, University of Florence, Italy</p> <p><i>The speakers will define and introduce the main topics of the roundtable.</i></p> <p><u>Roundtable:</u></p> <p>Charbel Rizk – Environment Expert SWIM Support Mechanism, Beirut, Lebanon</p> <p>Paul “Ty” Ferré – Joint Professor, Department of Hydrology and Water Resources, University of Arizona, Tucson, USA</p> <p>Khalil Attia – Former President Director General, Office National de l'Assainissement, Tunisia</p> <p>Amr Fadlelmawla – Senior Researcher, National Water Research Center, Egypt</p> <p>Emad Adly – Secretary General, Arab Network for Environment and Development, Egypt</p> <p>Stefano Burchi – Chairman of the Executive Council of the International Association for Water Law, Italy</p>
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	<p>Emmanuel Dialynas – Chemical Engineer, Dialynas S.A. Environmental Technology, Greece</p> <p>Federico Vagliasindi – Associate Professor of Sanitary and Environmental Engineering, University of Catania, Italy</p> <p><i>All the speakers of the technical sessions are invited to participate.</i></p>
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