



## **Agenda - Workshop in Tunis -**

**“Energy Guidelines for Waste Water Treatment and Water Supply”**

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**June 23 to 24, 2014, Tunis, Tunisia**

**Program:  
Strengthening the MENA Water Sector through Regional Networking and Training  
(MENA WANT)**

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**Monday, 23 June 2014**

09.00 – 09.30	<b>Opening Session</b> Welcome Objectives and Agenda of the workshop day 1 Some rules for the workshop Introduction of participants and expectations
09.30 – 09.45	<b>Setting the Stage</b> Presentation of ACWUA WANT program: objectives, steps Presentation of the approach and methodology Progress of the program, the 1st results
09.45 – 10.30	<b>General Approach of the Energy-Guideline</b> Introduction of the Energy Guideline by TUTTAHS & MEYER
10.30 – 11.00	Coffee Break & Group Photo
11.00 – 13.00	<b>Feed-back to the Written Part of the Energy-Guideline Part 1</b> <u>Question to prepare:</u> <ul style="list-style-type: none"> <li>• Should the design be changed?</li> <li>• Is the English language understandable?</li> <li>• Is the general structure agreeable?</li> <li>• Should the foreword or the introduction be changed?</li> </ul>
13.00 – 14.30	Lunch Break
14.30 – 16.15	<b>Feed-back to the Written Part of the Energy-Guideline Part 2</b> <u>Question to prepare:</u> <ul style="list-style-type: none"> <li>• Do you need more definitions of terms in the guideline?</li> <li>• Add more or change requirements for data and stakeholders?</li> <li>• Is the Economic efficiency analysis of the actions understandable?</li> <li>• Do you need more examples?</li> <li>• Does something else shall be added in the appendix?</li> </ul>
16.15 – 16.30	Coffee Break
16.30 – 17.30	<b>Summary of the Day</b>
17.30	Closing Day

**Tuesday, 24 June 2014**

09.00 – 09.45	<p><b>Opening Session</b></p> <p>Welcome Review and Feed-Back on day 1 Objectives and Agenda of the workshop day 2</p>
09.45 – 10.30	<p><b>Overview and Technique of Water Supply and Waste Water Treatment in the MENA water sector</b></p> <p><u>Question to prepare:</u></p> <ul style="list-style-type: none"> <li>• How many water supply plants, desalinisation plants and waste water treatment plants exist? What is the commonly used technique?</li> <li>• What are the strategies for water supply and waste water treatment in future? e.g. built plants, consolidation of the plants to bigger plants, change technique</li> <li>• How are the availability and the demand of water resources?</li> <li>• How big is the waste water amount?</li> <li>• What are the current and future requirements and strategies in water supply and the future cleaning requirements for waste water treatment?</li> </ul>
10.30 – 11.00	Coffee Break
11.00 – 13.00	<p><b>Laws and regulations depending on Energy in Water Supply and Waste Water Treatment</b></p> <p><u>Question to prepare:</u></p> <ul style="list-style-type: none"> <li>• What are the local laws and regulations for water supply and waste water treatment? What are the main contents to attend?</li> <li>• What are your experience and requirements of the laws and regulations in relation to energy efficiency?</li> <li>• How is the funding of energy efficiency actions or implement an energy check/analysis regulated?</li> </ul>
13.00 – 14.30	Lunch Break
14.30 – 16.00	<p><b>Strategies for Energy Supply and Consumption</b></p> <p><u>Question to prepare:</u></p> <ul style="list-style-type: none"> <li>• What are the aims to integrate renewable energy on the water supply plants and waste water treatment plants?</li> <li>• What are the strategies to ensure power supplies?</li> <li>• Does every plant need cooling and what technique is using?</li> <li>• How is the local integration in the power grid and what are the actions during breaks of power supply?</li> </ul>
16.00 – 16.15	Coffee Break
16.15 – 17.30	<b>Summary of the Workshop</b>
17.30	Closing Day