



# **European experience of Urban Waste Water Treatment**

**INFRA 34752**

**organised in co-operation with Ministry of  
Environment  
Romania**

**Venue:**

***Hotel Malibu  
316 Mamaia Boulevard  
Constanta***

**29 – 30 April 2010**

**For more information on TAIEX assistance and to download presentations of this event, please go to: <http://ec.europa.eu/enlargement/taieux>.**

### **Aim of the meeting:**

After transposition of Urban Waste Water Treatment Directive (UWWTD), in pre-accession period, Romania has made steps ahead for its implementation. There are many aspects to solve or clarify during complex process of UWWTD implementation. The TAIEX workshop in 2008 was an opportunity for us to improve our knowledge about the requirements and procedure on reporting system of data to European Commission.

The present workshop is necessary in order to enlarge our field of information in the practical aspects of waste water treatment as: treatment technology related to different kind of agglomerations, best practice in operating and maintaining of urban waste water treatment plants, changes in organizational structure of waste water services for development of waste water infrastructure with EU support. In the process of fulfil Romanian obligations to Accession Treaty regarding UWWTD we are also interested to improve the level of education and training for the working personnel from waste water services. Also it is expected an exchange of experience

Highly useful for all the involved participants during the TAIEX workshop will be the discussion of proposed topics

In addition, the meeting may contribute to the future cooperation at the experts' level for better policies both of national and European level.

## Day I : Thursday - 29 April 2010

*Chair: Mr. Gheorghe Constantin, Director – General, Ministry of Environment and Forests, Romania*

08:30	Registration of the participants
09:00	<b>Welcome and introduction</b> <ul style="list-style-type: none"> <li>• <i>Mr. Gheorghe Constantin, Director-General, Ministry of Environment and Forests</i></li> </ul>
09:30	<b>Organizational structure of waste water services in Romania</b> <ul style="list-style-type: none"> <li>• <i>Mr. Vasile Ciomos, Romanian Water Association</i></li> </ul>
09:50	<b>The inter linkage between the WFD and UWWTD in order to achieve a good ecological and chemical status in surface waters</b> <ul style="list-style-type: none"> <li>• <i>Dr. Stefan von Keitz, Hessian Ministry of Environment, Agriculture, Rural Areas and Consumer Protection, Germany</i></li> </ul>
10:20	<b>Coffee break</b>
10:50	<b>Selected appropriate technologies for efficient and cost effective waste water treatment-traditional versus modern</b> <ul style="list-style-type: none"> <li>• <i>Dr. Stefan von Keitz, Hessian Ministry of Environment, Agriculture, Rural Areas and Consumer Protection, Germany</i></li> </ul>
11:20	<b>Questions &amp; Answers</b>
11:40	<b>Specific Problems in Maintenance And Operating of Urban Waste Water Treatment Plants from Timisoara</b> <ul style="list-style-type: none"> <li>• <i>Mr. Ilie Vlaicu, R.A. AQUATIM Timisoara Director-General, Romania</i></li> </ul>
12:10	<b>Lunch break</b>
13:40	<b>Technologies for nutrients removal(nitrogen and phosphorus compounds) and the need to disinfect the waste water</b> <ul style="list-style-type: none"> <li>• <i>Mr. Wolfgang Pfeiffer, Landesdirektion Chemnitz, Germany</i></li> </ul>
14:10	<b>UK Standards for sewage collecting systems and UWWT requirements – coping with surface water in sewers</b> <ul style="list-style-type: none"> <li>• <i>Mr. Leslie Watson, Scottish Environment Protection Agency, UK</i></li> </ul>
14:40	<b>Coffee break</b>
15:10	<b>Licence compliance and problems with an under-designed treatment works</b> <ul style="list-style-type: none"> <li>• <i>Mr. Leslie Watson, Scottish Environment Protection Agency, UK</i></li> </ul>

15:30	<b>Treatment of industrial waste water from food industry</b> <ul style="list-style-type: none"> <li>• <i>Mr. Patrick Sweeney, Environmental Protection Agency, Ireland</i></li> </ul>
16:00	<b>Best practice of Ireland in process monitoring of treatment</b> <ul style="list-style-type: none"> <li>• <i>Mr. Patrick Sweeney, Environmental Protection Agency, Ireland</i></li> </ul>
16:30	<b>Operating system of large urban waste water treatment plants</b> <ul style="list-style-type: none"> <li>• <i>Mr. Eng. Aurel Presura - Water Company S.C. RAJA Constanta, Romania</i></li> </ul>
16:45	<b>Aquademica - the German - Romanian Water foundation for knowledge transfer, training and further continuing of education</b> <ul style="list-style-type: none"> <li>• <i>Mr. Peter Köstner, City of Munich, Germany</i></li> </ul>
17:10	<b>Questions &amp; Answers</b>
17:30	<b>End of day I</b>

## Day II : Friday 30 April 2010

*Chair: Mr. Gheorghe Constantin, Director – General, Ministry of Environment and Forests*

08:30	<p><b>Status of implementation of UWWTD in EU-27</b></p> <ul style="list-style-type: none"> <li>• <i>Ms. Mihaela Raluca Dugoiasu, DG Environment, European Commission</i></li> </ul>
09:00	<p><b>Energy saving (up to 30%) by optimised WWTP operations and training using software models</b></p> <ul style="list-style-type: none"> <li>• <i>Mr. Dirk Van der Stede, MOSTforWATER, Belgium</i></li> </ul>
09.30	<p><b>Best practices of Austria in urban waste water treatment</b></p> <ul style="list-style-type: none"> <li>• <i>Mr. Ernst Überreiter, Federal Ministry of Agriculture, Forestry, Environment and Water Management, Austria</i></li> </ul>
09.50	<b>Questions &amp; Answers</b>
10:20	<b>Coffee break</b>
10.50	<p><b>Training needs and educational system for waste water services operators-in Romania</b></p> <ul style="list-style-type: none"> <li>• <i>Prof. Eng. Ioan Bica, Technical University Bucharest, Romania</i></li> </ul>
11.10	<p><b>Sludge Treatment Technology options</b></p> <ul style="list-style-type: none"> <li>• <i>Mr. Wolfgang Pfeiffer, Landesdirektion Chemnitz, Germany</i></li> </ul>
11:40	<p><b>Reporting requirements of the UWWTD</b></p> <ul style="list-style-type: none"> <li>• <i>Ms. Ileana-Doina Vasilescu, Ministry of Environment and Forests, Romania</i></li> </ul>
12.00	<b>Wrap up and final discussions</b>
12.30	<b>Lunch</b>
13:30	<b>Visit of a Waste Water Power Plant</b>
16:00	<b>End of day II</b>

**This meeting is being organised by the  
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