

Technical Visits

On Friday October 12, 2007, conference delegates have the possibility to visit one of the 3 following state-of-the-art water reuse facilities:

- (1) The IWVA artificial groundwater recharge plant (Wulpen): prevention of saline water intrusion and production of potable water
- (2) The BioEnergy food processing plant (Lommel): conversion of food processing by-products into reclaimed water for boiler feed water and steam, green electricity and a biological fertilizer
- (3) The Evides industry Water Deco plant (Terneuzen): production of demineralised water from six different water resources and production of cooling water for the Dow Benelux chemical plant

Social activities

The conference offers an attractive social programme both for conference delegates and accompanying persons. The gala dinner will be held in the unique Grand Café Horta in the historic centre of Antwerp.

Venue and host city

The conference will be held in Antwerp, Belgium, in the Flanders Congress and Concert centre near the Central station and the historic city centre. The city is half an hour by train from Brussels international airport and only two hours travel from London, Paris and Amsterdam.

CONFERENCE INFORMATION

Conference language

The conference language is English

Conference location

The conference will be held at the Flanders Congress and Concert Centre Koningin Astridplein 26, B-2018 Antwerpen (Belgium)

Registration

The registration form and cancellation policy are available online.

Delegate fees

Delegate fees include conference proceedings, workshops, technical visit and social activities (gala dinner excluded). Fees for accompanying persons are available online. All fees are subjected to an additional 21% VAT.

First early until 15 June 2007 midnight CET

IWA member	EUR 400
IWA non-member	EUR 500
Student	EUR 150

Second early from 16 June until 23 September 2007 midnight CET

IWA member	EUR 450
IWA non-member	EUR 550
Student	EUR 200

Late from 24 September 2007

IWA member	EUR 500
IWA non-member	EUR 600
Student	EUR 250

Gala dinner	EUR 50
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For on site registrations an additional administrative fee of EUR 100 will be charged

Hotel Accomodation

Hotel bookings can be made online. A number of quality hotel rooms in different price ranges have been reserved by the conference secretariat.

Conference Secretariat

Aquafin NV
Dijkstraat 8, 2630 Aartselaar
Belgium
Contacts:
Ms Eev Breugelmans
Dr. ir. Bart De heyder
Tel +32 (0)3 450 49 72
Fax +32 (0)3 450 44 44
Email: info@wrrs2007.org

www.wrrs2007.org

Principal event sponsors



Specialist
Conferences

Announcement & Programme overview

Version 2

6th IWA Specialist Conference on Wastewater Reclamation and Reuse for Sustainability

ORGANISED BY  **Aquafin**



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SPECIALIST CONFERENCES



October 9-12, 2007
Flanders Congress and Concert Centre
Antwerp, Belgium

www.wrrs2007.org

PROGRAMME

The focus of the scientific activities is highlighted by the following colour legend:

■ SCIENCE ■ POLICY ■ PRACTICE ■ INDUSTRIAL RECYCLING

DAY 1 – OCTOBER 9TH, 2007

08:00	Coffee and registration OPENING CEREMONY			
09:00	Intro by Conference Chairman Prof. B. Van De Steene			
09:10	IWA Water Reuse Specialist Group Chairman Prof. In S. Kim			
09:20	EUREAU-board president D. Villessot			
09:30	Flemish Minister of the environment K. Peeters			
09:40	Keynote plenary lecture by Prof. T. Asano			
10:30	Coffee break			
11:00	Priority pollutants	European Policy	Urban applications	Industrial applications I
12:30	Lunch			
14:00	Health Risks	Ownership & financing	Agricultural applications	WORKSHOP 1 European policy
16:00	Coffee break POSTER SESSION 1: ■ RATIONALE FOR SUSTAINABLE REUSE			
16:30	Membranes	Integrated water management	Agronomic value	WORKSHOP 2 Priority pollutants
18:00	End presentation sessions day 1			
19:00	Reception at the Town Hall Antwerp			

DAY 2 – OCTOBER 10TH, 2007

08:00	Coffee			
09:00	MBR	Revised WHO guidelines	Aquifer recharge	Food process feed water
11:00	Coffee break POSTER SESSION 2: ■ TECHNOLOGICAL ADVANCES			
11:30	Pond systems	Decision support systems	Water quality analysis	Ultrapure water process applications
13:00	Lunch			
14:30	Micro – & sand filtration	Public acceptance	Activated Carbon	WORKSHOP 3 Aquifer recharge
16:00	Coffee break POSTER SESSION 3: ■ BEST PRACTICE			
16:30	UF/NF/RO	Greywater recycling	Industrial cooling water applications	WORKSHOP 4 WHO guidelines
18:15	End presentation sessions day 2			
20:00	Gala dinner			

Note: The programme presented is subject to further changes. For the latest detailed version including a listing of all titles and authors of oral and poster presentations, please visit www.wrrs2007.org

DAY 3 – OCTOBER 11TH, 2007

08:30	Coffee			
09:00	UV disinfection	Regional perspectives	Risk Management	Industrial applications II
10:30	Coffee break			
11:00	Ozone treatment	Constructed wetlands	Agricultural irrigation	Textile industry applications
12:40	Lunch			
14:00	Advanced Oxidation	Indirect Potable Reuse	Rainwater harvesting	WORKSHOP 5 Industrial recycling
15:30	Coffee break CLOSING CEREMONY			
16:00	Chairman of the Flemish Integrated Water Management Commission F. Van Sevenscoten			
16:15	Distribution of awards			
16:25	Introduction to Technical visits by CEO J. Verbauwheide (IWVA) Closing words by Conference Chairman Prof. B. Van De Steene (Aquafin)			
16:35	Royal Ballet of Flanders			
17:15	Reception			
19:00	End day 3			

DAY 4 – OCTOBER 12TH, 2007

TECHNICAL VISITS				
8:30	IWVA artificial groundwater recharge plant (Wulpen)			
	BioEnergy food processing plant (Lommel)			
	Evides Industry Water Deco plant (Terneuzen)			
15:30	END			

Wastewater reuse and reclamation: a rapidly evolving sector

Reclaimed water is of fundamental importance to our environment and economy and no longer restricted to water scarce areas. Planned, more direct use of reclaimed water contributes to an efficient and more reliable use of the water resources. The water sector is in a transitional phase with unique opportunities for water reclamation and reuse to be implemented on a larger scale as a sustainable practice in a framework of **integrated water management**.

Global platform

Over the years, this biennial IWA water reuse conference has become a major global platform for sharing best practice and discussing the latest developments in the field of sustainable reuse of **municipal and industrial** wastewater. An appointment not to be missed by research institutions, companies and organisations active in this sector, both in developed and developing countries. Thanks to the large interest for the conference and response from 50 countries to the call for abstracts we are able to present an excellent scientific programme, including **200 oral presentations, 3 poster sessions, 5 workshops** and **3 technical visits**.

Oral and poster sessions

The oral presentations are distributed over 36 sessions, covering all aspects of water reuse and representing **science, policy** and **practice**. Six sessions will be dedicated to water recycling within the industry. Each day will highlight a poster session allowing discussion with the authors.

Workshops

Five workshops will allow the conference delegates to debate the latest progress on the following key issues:

- (1) European experience and priorities
- (2) Priority compounds in indirect potable water reuse
- (3) Artificial groundwater recharge
- (4) WHO 2006 water reuse guidelines
- (5) Industrial water recycling

Who should join?

The scientific community, water authorities, technology providers, public authorities, industry representatives, city engineers, water resources professionals, project developers, consultants, policy makers, ...