



Sales:

# UsoniQ GmbH

## P R E S S R E L E A S E

### Ultrasonic Systems & UsoniQ exhibits at the IFAT 2008

### Disinfection of municipal and industrial wastewater Innovative technology powered by ultrasound & ozone



Hall B2, Booth No. 137/236  
Joint Presentation - Bayern Innovativ

At the IFAT 2008 in Munich, Germany (5-9 May), Ultrasonic Systems GmbH & UsoniQ GmbH present water treatment systems based on an innovative ultrasound and aeration/mixing technology.

The international patented **USO<sub>3</sub>** facilitates an energy saving and environmental friendly wastewater treatment solution for municipal and industrial applications.

The disinfection system for wastewater from sewage plants and industrial process water has reached the state of production readiness and is already in use as tertiary resp. fourth treatment process.

The **USO<sub>3</sub>** utilizes the phenomenon of cavitation as well as the efficiency of AOP (advanced oxidation process). The physical-acoustic effect in connection with fine dissolved ozone (see the aeration system **OptimiXer**) lead to an optimal disinfection performance and a significant reduction of endocrine compounds( EDC's).

The technology concept has been tested within the EU (European Union) Life Program and awarded as **Best LIFE-Environment Projects 2006-2007**. During further tests in November 2007 in Los Angeles, USA, the very good results could be confirmed.

Furthermore the **OptimiXer**, a newly developed mixing/aeration system for all kinds of fluids will be presented. The mixing and dissolving of gases like ozone and oxygen can be accomplished with higher efficacy and speed, compared to other available systems.

**Please visit our exhibition at booth B2 137/236.**

### Applications:

- Disinfection municipal wastewater
- Disinfection industrial wastewater
- Reduction of endocrine compounds
- Small package treatment plants
- Water recycling
- Mobile operations



Digital illustration material upon request and without charges; reference copy appreciated.

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