

PRESS RELEASE

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For immediate release

Evides Industriewater and Norit Membrane Technology construct the largest Membrane BioReactor (MBR) for the treatment of municipal wastewater in the Netherlands to date. The treated wastewater is re-used for the production of demineralized water at DOW Chemicals in the Netherlands.

Evides Industriewater BV secured the project for the design, construction and operation of a high capacity wastewater treatment. For this purpose NethWater partner Norit Membrane Technology has been awarded the supply of Norit's Airlift™ MBR technology.

The existing WWTP of Terneuzen – operated by the Waterboard Zeeuws Vlaanderen – will be upgraded and expanded in 2009 with this MBR system. The system has a nominal hydraulic capacity of 400 m³/h and a maximum hydraulic capacity of 620 m³/h. Given the high quality of the effluent, it is used to feed a large-scale RO water treatment plant located 12 kilometers away, which produces demineralized water for delivery to Dow Chemical. Next to being the largest MBR in The Netherlands, the project fits the multi-sourcing strategy of Dow Chemical and is a good example of how wastewater can be re-used in an economical and sustainable way.

Evides Industriewater

Evides is the second largest water company in the Netherlands. As supplier of process water to the industry, Evides Industriewater (subsidiary of Evides N.V.) has developed a leading position as water-partner in the chemical and petrochemical industries in the Benelux. Based on its extensive experience in design, engineering, construction and operation of water treatment plants (according to the DBFO concept), Evides Industriewater takes care of water services along the whole water value chain. This includes the supply of process, boiler feed water as well as cooling water to the industry, the treatment of waste water as well as re-use of effluent as process water. By balancing innovation with reliability and operational compliance, Evides Industriewater has succeeded in securing contracts at most of the major (petro)chemical sites in the Netherlands.

Norit Membrane Technology

Norit Membrane Technology is part of the Norit Group. Norit 'leading in purification', founded in 1918, develops and applies state-of-the-art purification technologies to help society, through its clients, meet environmental, health and safety challenges, and work towards a sustainable future. The Norit Group, headquartered in The Netherlands, supplies consumables, components, systems and solutions, based on proprietary technology in every step of the water and beverage value chains. More than 8 percent of the world's population – over half a billion people – already consumes water purified by Norit!

For further information, please contact:

Norit NV
Menno M. Holterman
T +31 6 22451781
E m.holterman@noritpt.com
I www.norit.com

Evides Industriewater BV
Markus Flick
T +31 6 51219175
E m.flick@evides.nl
I www.evides.nl