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## **Huge Waste to Energy Plant in Shanghai, China to install combustion optimization based on expert software system from Denmark.**

Danish waste combustion technology to be delivered to a WtE plant operated by Veolia, one of the largest waste combustion plant operators in the world.



Shanghai Huang Cheng Waste to Energy Co., Ltd. has August 2011 ordered combustion optimization to be installed on the combustion plant [Huancheng](#), one of the biggest WtE plants in China, the plant operated by Veolia, is located in located in Jiading District of Shanghai, China.

The combustion optimization system is to be installed on one of the three combustion lines based on a Steinmüller combustion grate during autumn 2011. The project is based on expert system software and engineering from the Danish company Dublix Engineering A/S located in Gentofte, Denmark.

The purpose of the optimization project is to increase the stability in the combustion process with at least 30% and at the same time to reduce the emission from the plant, the result is expected to increase the combustion capacity with more than 5%. During the implementation Dublix shall install its expert system software at the plants automation system and apply the necessary engineering and tuning services. Similar systems from Dublix operate on more than 20 combustion lines in Europe.

During many years the combustion of solid waste has been applied in Denmark as a very reliable solution. It is internationally recognized that the Danish WtE plants is handling nearly all municipal waste produced in the country and that these plants has a very high efficiency and low emissions to the environment.

Veolia operates worldwide more than 90 combustion plants. During the last 5 years Veolia has used Dublix Engineering to provide revamping, maintenance and optimization of a number of its operated WtE plants. The Expert System has already been installed on 7 of Veolia operated combustion lines.

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*Dublix Engineering A/S is specialized in optimization of combustion processes in order to provide more efficiency and lower emissions on WtE waste combustion plants. The company provides expertise from its staff with more than 20 years in this field. Dublix apply its expert system FuzEvent together with other unique solutions in order to establish continuously efficient operation at a level of the best operator. Dublix has clients in 10 countries in Europe and Asia.*