

2010-12-07

Renova has taken over our delivery of upgraded flue gas cleaning. [Up](#)

Götaverken Miljö's delivery to Sävenäs waste-to-energy plant in Göteborg of upgrading the flue gas cleaning line 1 and 2 has now been finalized and handed over to the customer on scheduled time. The delivery was part of an order in 2007 for revamping of the flue gas cleaning system of line 1-3. Line 3 was put in operation in 2008. The scope of work included replacement of the three scrubbers by new multistage scrubbers to improve above all the separation of sulphur dioxide. The supply also included a gypsum treatment plant, where the sulphur is transformed into harmless gypsum, a safe residue product. With this new installation, Renova is now able to reduce its already low emissions of mainly sulphur to a level far below existing emission standards.

2010-10-12

Götaverken Miljö and Babcock & Wilcox Vølund are contracted suppliers to Landskrona Kraft AB. [Up](#)

Babcock & Wilcox Vølund will supply a new incineration plant to Landskrona Kraft AB and Götaverken Miljö is the supplier of the flue gas condensing system. The inauguration of the construction start and the contract signing ceremony took place on October 4, 2010.

The new district heating power plant is a combined waste-fired (paper/ wood/ plastics) and bio fuel-powered plant and shall be built in Landskrona to supply heat and electricity to the city. The plant will be ready for customer's taking-over in October 2012. Babcock & Wilcox Vølund supplies the complete system from waste bunker to stack, in accordance with the new company strategy. The incineration capacity is 33 MW fuel with a boiler temperature of 430°C and 70 bar(g). The semiwet flue gas cleaning system consists of a conditioning tower followed by a baghouse filter with dosing of lime and activated carbon.



Götaverken Miljö will supply the flue gas condensing system which is connected after the semidry flue gas cleaning to generate further energy from the flue gas. The humidity of the flue gas is condensed into a countercurrent scrubber from where the heat is conveyed to the district heating system via a plate heat exchanger. The flue gas condensing scrubber is manufactured of fibre glass composite to minimize the corrosion risk. The scrubber condenser is equipped with tower packings to increase the heat transfer surface between the flue gas and the circulating cooling circuit. Also, to minimize the dioxin memory effect, both packings and demister are made of ADIOX®-material. The amount of recovered energy to the district heating system varies but will be approximately 4 MW, dependent upon type of fuel and district heating temperature.

2010-08-19

Our delivery to Renova's waste-to-energy plant at Sävenäs, Göteborg, progresses as planned. [Up](#)

In this summer, both the acid scrubbers of flue gas line 1 and 2 have been replaced with new two-stage scrubbers, each including a desulphurisation stage. Both lines have been commissioned according to time schedule and are presently being prepared for trial run in September. The hand-over to customer is scheduled on November 26, 2010.



2010-06-21

Lower super heater corrosion rates with Sulphur Recirculation. [Up](#)

Götaverken Miljö AB has successfully demonstrated Sulphur Recirculation during nearly two months of full-scale operation at the Renova municipal waste-to-energy plant in Göteborg, Sweden. Corrosion probe measurements showed that the corrosion rate was less than half with sulphur recirculation in operation. The measurements were carried out in cooperation with [Chalmers HTC](#) and [SP Technical Research Institute of Sweden](#) with support from [Waste Refinery](#) and [ProEnviro](#). The final report from the WasteRefinery project WR07 can be downloaded here: http://wasterefinery.se/SiteCollectionDocuments/Publikationer/Rapporter/Slutrapport_Svavelrecirkulation.pdf

(The report is written in Swedish with English summary and figure captions).

2010-06-11

Götaverken Miljö to supply flue gas condensing to Filbornaverket in Helsingborg. [Up](#)

Götaverken Miljö AB and Alstom Power Sweden AB have been assigned the contract for delivery of flue gas cleaning and energy recovery to Öresundskraft AB's new power and WtE-plant, Filbornaverket, in Helsingborg, Sweden.

– The combination of Alstom's NID-system and Götaverken Miljö's delivery of scrubber condenser, absorption heat pump and water treatment, for enhanced cleaning and energy recovery, represents a very competitive solution. The energy recovery in the scrubber condenser is extremely efficient together with the absorption heat pump and the plant's total heat production will increase by some 15 MW. The scrubber condenser includes a polishing stage for acidic components and is equipped with ADIOX[®] packing material that captures dioxins and eliminates the memory effect. Earlier this year our new owner, Babcock & Wilcox Vølund A/S, was contracted for the supply of firing equipment, grate and boiler. Filbornaverket will be a terrific reference and co-operation project for us, says Lennart Gustafsson, managing director of Götaverken Miljö.

2010-06-10

First installation of ADIOX[®] in Switzerland. [Up](#)

Götaverken Miljö AB has received its first Swiss order for an installation of ADIOX[®] technology for dioxin removal. The delivery takes place in September and consists of a dry ADIOX[®] absorber to clean flue gases from dioxins after the two incineration lines of the W-t-E-plant in St.Gallen. The order is worth 350.000 Euros.

- With the ADIOX[®] technology we have offered the customer a competitive solution for dioxin removal that is advantageous in many ways. The ADIOX[®] -technology has no moving parts and no additives need to be injected. The dioxin emissions will be reduced well below current directives and the dioxins are ultimately removed from the eco-cycle, says Lennart Gustafsson, managing director of Götaverken Miljö.

2010-01-26

Meet us at the WTE Expo in Bremen, May 5-6. [Up](#)

Götaverken Miljö will take part in the exhibition and conference.

You will find us in **booth No 425**.

www.wte-expo.com



2010-01-05

Danish Babcock & Wilcox Vølund strengthens its focus on growth, competencies and product offerings via strategic acquisition of Götaverken Miljö AB [Up](#)

Babcock & Wilcox Vølund A/S today announced the acquisition of all shares in Götaverken Miljö AB from The Sixth Swedish National Pension Fund. Hereby B&W Vølund follows its strategic objectives with focus on growth. Read the entire press release [here](#).

2010-01-04

See us at EBW UK, London in January. [Up](#)

We will be present at the conference and exhibition 'Energy from Biomass and Waste' in London, January 26-27, 2010. We would like to inform you about our state-of-the-art technology in flue gas treatment and energy recovery including the following topics:

- Multifunctional scrubbers with integrated removal of dioxin by ADIOX[®]
- Dry absorbers for reduction of dioxin by ADIOX[®]
- Energy recovery by flue gas condensation
- Mercury removal by using the MercOx process in wet scrubbers.



You will find us in Lawrence hall, booth 408. Please contact us to make an appointment. We look forward to seeing you!