



## Annual Report 2009



# Managing Director's statement



2009 was another eventful year for Götaverken Miljö and ended up in the company being acquired by Babcock & Wilcox Vølund A/S. With the acquisition, Babcock & Wilcox Vølund, headquartered in Esbjerg, Denmark, has demonstrated its strategic focus on growth and development of the company's global product and service offerings within the cleantech sector. Götaverken Miljö, being a true cleantech company, fits perfectly into the B&W Vølund's product portfolio.

For Götaverken Miljö, this means that we have got a strong, industrial owner with a well-established network, contributing effectively to marketing and sales of our products on new markets. Our strategy - to be a technology and competence leader within wet flue gas cleaning and flue gas condensing for waste-fired incineration plants - still stands firm as well as our efforts to be a cutting edge company in respect of dioxin and mercury removal. In my view, Götaverken Miljö, as a part of Babcock & Wilcox Vølund, has become an even stronger and interesting partner to our customers for the long term.

## Energy recovery still in great demand

We have managed to gain a strong market position with our high-performance energy recovery in combination with the ADIOX<sup>®</sup> technology for dioxin removal. Spiralling energy prices and focus on sustainable solutions has led to an increasing number of customers selecting our solution. Over the year, we have successfully finalized our flue gas condensing deliveries to Halmstads Energi & Miljö and AffaldVarme Århus.

## ADIOX<sup>®</sup> - a sustainable leading edge technology

Our unique ADIOX<sup>®</sup> technology still proves to be a very safe solution for removal of dioxins from gases. The material operates excellently also at low flows, when starting and stopping and retains its removal capacity for up to seven years. Normally it requires no maintenance and it can be used in wet, semiwet or dry installations. Moreover, the captured dioxins and furans are destroyed and removed from the eco-cycle by burning the material once it has fulfilled its purpose.

## A solid, long-term partner

We are resolutely focused on meeting the demands of our customers and society in general for increasing environmental improvements and energy recovery. Within EU, a drastic tightening up of emission directives is discussed in respect of, for instance, waste incineration. However, the expected new directives can already be

met with our technologies. Our firm objective is to develop even more climate-smart and energy-efficient products that fulfil the demands also in a more distant future. It goes without saying that we supply solutions fully tailored to meet our customers' needs, deliver at the agreed time and hand over top quality plants and services. So far, it seems as we comply with our customers' expectations. We are, of course, very proud of being a trusted supplier and we stand ready for new challenges in 2010.

Lennart Gustafsson  
Managing Director, Götaverken Miljö

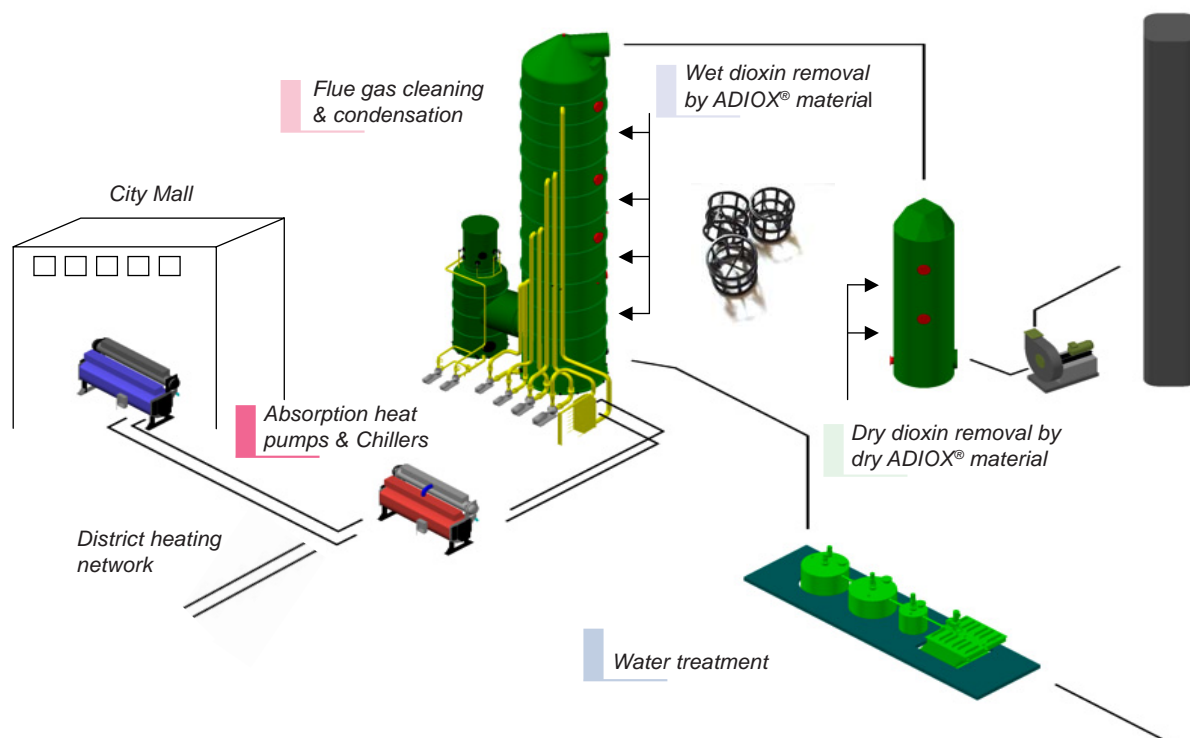
## Summary – 2009

- Retained profit despite the recession.
- Expansion in the field of energy recovery through the flue gas condensing deliveries to Halmstads Energi och Miljö and AffaldVarme Århus.
- New technology for reduced corrosion and dioxin formation in waste-fired boilers, demonstrated at Renova WTE-plant, Göteborg, Sweden.

Net sales m€	9,0
Operating profit, EBITDA t€	680
Gross profit %	8
Profit margin %	7
Equity/assets ratio %	18
Liquidity ratio %	130
Number of employees	27

# Business operations

*Götaverken Miljö develops, designs and supplies products and facilities for cleaning of environmentally hazardous emissions from air and water. We also supply energy recovery and district/local cooling generation. Our core operations, presented below, are solely cleantech oriented and are focused on wet flue gas cleaning systems combined with flue gas condensation and absorption heat pumps.*



## Flue gas cleaning & condensation

The patented multiple stage scrubber provides wet flue gas cleaning and the efficient removal of heavy metals, sulphur, hydrochloric acid, ammonia, dioxin and mercury. ADIOX® and MercOx processes can be included to increase the efficiency of dioxin and mercury removal. Flue gas condensation can be integrated into scrubbers to recover energy to a district heating system.

## Water treatment

Heavy metals and particles are removed from the water by flocculation. Sulphates can be removed by gypsum precipitation. Condensate is treated by ion exchange or reversed osmosis to allow water reuse.

## Dry dioxin removal by ADIOX®

Plants that generate flue gases with high dioxin levels can install a dry ADIOX® absorber after the scrubber, and through this achieve below 0.1 ng of TEQ. The dry system provides even more efficient dioxin removal than the wet application. The technology is very reliable – continuously in place and continuously removing dioxin from the ecocycle.

## Absorption heat pumps & chillers

Energy recovery can be further extended by installing absorption heat pumps. Absorption chillers provide ‘competitive’ comfort cooling to buildings connected to a district heating system.

## Wet dioxin removal by ADIOX®

The patented ADIOX® technology is a competitive and cost efficient method for achieving dioxin levels that are well below those stipulated in current EU directives. Dioxins are captured in packings or demisters made from the ADIOX® material. The packings are incinerated at the end of their service lifetimes, so destroying the dioxins. Thereby the dioxins are removed from the ecocycle.

## Service

On site service and maintenance of flue gas cleaning and energy recovery plants and large absorption and compressor heat pumps. Guaranteed contracted call-out service.

# Sustainable business

## Cleantech combats climate changes

The climate issue is a global one and its significance has greatly increased. There is currently huge demand for technical solutions and products that do not contribute to the greenhouse effect or break down ecosystems. Tougher legislation is also an important reason for increasing demand. Götaverken Miljö is a true cleantech company. Our products for energy recovery and unique, world-leading products for cleaning environmentally-hazardous emissions create added value for our customers and long-term value for our shareholders and society. Exploiting the energy contained in waste is one way of contributing to a more sustainable society that uses its resources with care. Cleantech is a strong driving force for us developing new solutions that are both economically sustainable and take a long-term environmental perspective.

## Products protecting the environment

Götaverken Miljö's products contribute to a positive environmental impact. The negative effects of our activities, i.e. business travel, transportation, production and deliveries of our commercial products and components, as well as energy consumption, are so small that we feel confident in claiming that Götaverken Miljö's net contribution to climate improvement is huge.

The positive environmental effects of our products are:

- The removal of dioxins from gas and liquids with ADIOX® and the elimination of residual products *reduce* the quantities of *strongly carcinogenic substances* in our environment.
- The removal of acidic gas components, HCl, SO<sub>2</sub> and HF, with our multi-stage scrubbing units, with neutralisation before output of bleed water to a recipient, *reduces the acidification* of the environment.
- The removal of heavy metals such as Hg and Cd with our multi-stage scrubbing units for the safe deposit of concentrated residual products *reduces* the presence of *toxins/nerve toxins* in the environment.



*“Exploiting the energy contained in waste is one way of contributing to a more sustainable society that uses its resources with care.”*

- Energy recovery with our condensation scrubbing units generates large incomes from the supply of heat and *offsets the use of fossil fuels for energy generation.*
- Our service and maintenance operations prolong the service life of production facilities and increase their uptime, thus *reducing costs and the use of limited resources.*

## A reliable partner

Götaverken Miljö's goal is stable, profitable growth that contributes to our customers' having continued strong confidence in us as a reliable supplier and partner. The development of new climate-smart and energy-efficient solutions is a natural part of our business. It is also obvious for us to offer systems that are fully adapted to the unique needs and requirements of each customer, and to deliver our products at the promised time. Customers can also rely on our products maintaining a high level of quality. We offer servicing and maintenance to enable continued fault-free operation, low emission levels and lower operating costs. Servicing is usually carried out by our own experienced engineers who understand the customers' needs and systems.



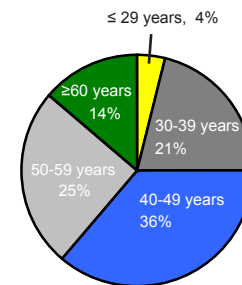
## Committed and healthy personnel

Götaverken Miljö's ethical guidelines are a summary of the responsibility the company and all its employees have with regard to the environment and society, to customers, suppliers, partners and shareholders. The company's personnel handbook contains the common rules and policies for the business. The basis for Götaverken Miljö's profitability, and the company's strength, is our healthy, committed workers, who enjoy their work. Götaverken Miljö offers all employees a keep-fit subsidy, regular health checks and customised work tools. We are pleased that both our absence due to sickness and our personnel turnover are still very low.

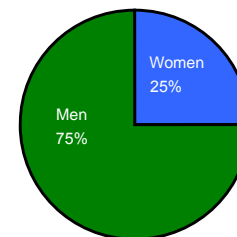
## Equality

Of Götaverken Miljö's 27 employees, 25% are women, the average age is 45,7 and 88% are qualified engineers. The company is working actively to even out the gender division, and is working on employing women when new appointments are made.

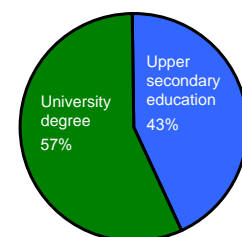
Sickness absence				
2009	2008	2007	2006	2005
0,83%	0,32%	1,71%	0,52%	0,47%



Distribution by age



Distribution by gender



Education level



# Combined gas cleaning and energy

## Proven technologies

There are currently effective technologies available for reducing our dependence on fossil fuels, saving energy and reducing hazardous emissions that acidify and poison our environment. Götaverken Miljö supplies unique, reliable and tested solutions for cleaning flue gases from, for instance, waste incineration and for recovering heat that would otherwise be wasted. Our flue gas technology ADIOX® is now being used throughout the world and is proving to be an excellent method for removing dioxins. Our patented multi-stage scrubber for wet flue gas cleaning separates out acidic gas components, ammonia, heavy metals and dioxins. A baghouse filter is integrated into the process to reduce dust and acidic components, where relevant. Energy recovery is achieved by condensing the flue gases, a process integrated into the scrubber. Götaverken Miljö also specialises in absorption heat pumps for increased energy recovery. Götaverken Miljö supplied a steam turbine and its first absorption heat pumps to Renova's Waste-to-Energy plant in Göteborg in 1989. The recovered energy at the Renova plant provided at that time electricity corresponding to the annual consumption for 30,000 flats and heating and hot water for 100,000 households. It also meant we burnt 100,000 tons of oil less every year. It is undoubtedly the case that Waste-to-Energy plants with modern equipment play an important role, as they both supply sustainable energy and provide a method for dealing with our waste in an environmentally-friendly way.

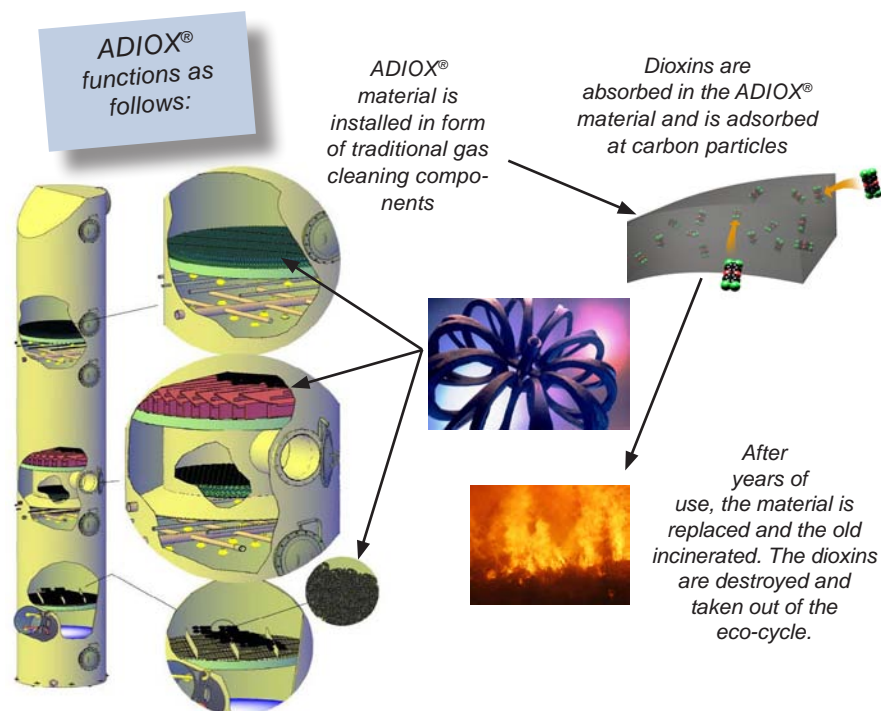
## ADIOX® absorbs the dioxins

Since 2001, Götaverken Miljö has supplied ADIOX® material to minimise dioxin emissions and prevent the memory effect in wet scrubber systems. The material is sold throughout the world, through agents and distributors, and is licensed by Karlsruhe Institute of Technology (KIT). By December 2009 around 85 incineration lines on several continents had installed ADIOX® for dioxin removal with good results. The EU's requirements for dioxin emissions of a maximum of 0,1 ng I-TEQ/Nm<sup>3</sup> in outgoing flue gas can be achieved by a good margin. ADIOX® can be used as the only dioxin filter, or in combination with other methods for reducing dioxins.

ADIOX® can be used for several applications:

- Incineration of (sorted) household waste
- Incineration of environmentally-hazardous waste
- Aluminium industry and other metal industries.
- Other gas emissions.

The ADIOX® material is available in various structure types (tower packings and droplet separators) and is easily replaced at the end of its service life. The replacement interval is generally between two and seven years, depending on the type of application. The material is then burnt and the dioxins are destroyed.



Götaverken Miljö multistage scrubber

## Added value solutions

With equipment from Götaverken Miljö, our customers can achieve added value in terms of both cost and environmental performance.

- Efficient separation of hazardous emissions, permitting their removal from the eco-cycle.
- Cost-effective energy recovery, contributing to reducing CO<sub>2</sub> emissions and saving limited fossil fuel resources.
- Compact design with small footprint.
- Most reliable processes with high availability.
- No or a minimum of residues.
- Low maintenance cost.
- Better return on investment.

# recovery

## Projects handed over to clients

In November, Götaverken Miljö commenced stage 2 of the upgrade to flue gas cleaning lines 1-3 at [Renova AB](#), Göteborg. Earlier in the year, the conversion of line 3 was completed at the waste-fired district heating power plant at Sävenäs and was handed over to the customer. The project included scrubber replacement and installation of a gypsum precipitation system common to all the incineration lines. In the same way, the scrubbers on lines 1 and 2 will be replaced. Götaverken Miljö supplies multi-stage scrubbers which include ADIOX® for dioxin removal. Hydrochloric acid, heavy metals and sulphur dioxide are also separated in the scrubbers. The separated sulphur is turned into gypsum in a separate process. Gypsum is a non-hazardous residual product and can be placed in landfill. As a result of the conversion work, Renova can reduce acidifying emissions from Sävenäs and meet current and expected future EU directives by a good margin. The increased heat production provides a boost of renewable energy for the district heating network in Göteborg. The project will be completed by the end of 2010.

In January, Götaverken Miljö began installing a flue gas condensation plant for [Affald Varme in Århus](#), Denmark. The plant was handed over to a satisfied customer at the end of June slightly ahead of schedule. The delivery consisted of the addition of two flue gas cleaning lines with scrubber condensers including ADIOX® for dioxin removal, water purification, pumps, pipe systems and heat exchangers. Increased energy production adds a further 6 MW of environmentally-friendly heat to the Århus district heating system.

During the summer, a sulphur dioxide removal plant was commissioned for a [foundry within the Swedish automotive industry](#). Excess SO<sub>2</sub> gas from the pro-



duction process is removed in a reactor and scrubber installation. Emissions of acidifying gas can be dramatically reduced to levels well below the current environmental requirements. Following successful test operation, we were able to hand the plant over to the customer at the end of December.



Scrubber for SO<sub>2</sub> removal.

In autumn 2009, the delivery of a system for energy recovery was completed for [Halmstads Energi och Miljö](#), Sweden. The installation consisted of a scrubber condenser for flue gas condensation and an absorption heat pump to further extract energy from flue gases. The scrubber is fitted with ADIOX® tower packing and droplet separator. The absorption heat pump runs on renewable heat from the biofuel-powered boilers. The delivery provided an additional 10 MW to the district heating network in Halmstad. The plant was handed over to the customer at the end of December.

# Product development

**Götaverken Miljö's vision** is to offer the market economic and reliable removal of pollutants in as few integrated units as possible, while allowing as much energy as possible to be recovered, thus contributing to a positive environmental impact. We strive for design flexibility in order to adapt our products and solutions to the specific requirements of the customer and more stringent future requirements, regardless of whether we are offering an individual product or turnkey solutions.

## Research and development

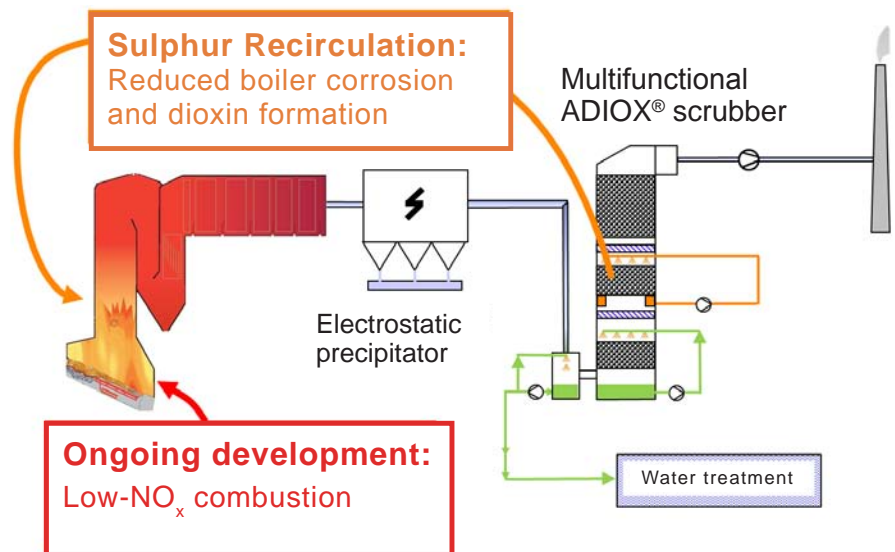
Götaverken Miljö pursues continuous development work. This work includes finding new solutions and applications and improving the performance of current products, while retaining excellent quality. Work takes place in both our own organisation and in cooperation with research institutes, universities and other partners. We have a long-established partnership with Karlsruhe Institute of Technology (KIT), formerly Forschungszentrum Karlsruhe GmbH. KIT is behind the invention of the ADIOX® and MercOx methods for removing dioxins and mercury. Our ongoing development project, sulphur recirculation for reduced corrosion and dioxin formation in waste-fired boilers, is also a KIT invention.

## New technology may soon be introduced

During the autumn, Götaverken Miljö has demonstrated a new technology involving sulphur recirculation for the reduction of corrosion and dioxin formation in waste incineration boilers. The development work has taken place in cooperation with Chalmers University of Technology (High Temperature Corrosion Centre) and SP, the Technical Research Institute of Sweden, with financial support from Waste Refinery and ProEnviro. The technology has been full-scale tested at the Renova WTE plant in Göteborg. A final assessment and report is available at our homepage. The product was previously tested on a pilot scale at Karlsruhe Institute of Technology (KIT), where the process was invented. The method is unique, as only the exist-

ing sulphur in the fuel is used, meaning there is no increase in the amount of residual product from flue gas cleaning. Götaverken Miljö has the exclusive global right to market the technology.

make the system an interesting alternative to significantly more expensive SCR systems, particularly when combined with a SNCR system. Over the next few years, we will continue to develop the process, but the technology is already being offered to current customers.



## New and ongoing development projects:

- ADIOX® in liquid phase for special applications;
- ADIOX® for higher-temperature applications.
- Sulphur recirculation to reduce corrosion and dioxin formation in waste boilers.
- Technology for NO<sub>x</sub> removal for improved performance with SNCR systems.

## LowNO<sub>x</sub> - a new process for reducing nitrogen oxides

During 2009, Götaverken Miljö has completed a number of tests using our new method for reduction of the production of NO<sub>x</sub> during incineration of, above all, waste. The technology has been patented by KIT and Götaverken Miljö has a global licence. The results are very promising and show that, for many installations, this method can reduce NO<sub>x</sub> emissions very cost-effectively and sufficiently to

## Future impact and cooperation

Götaverken Miljö is involved in several industry organisations and skills networks, both locally and at an international level, in order to be able to influence and debate. We cooperate, swap knowledge and develop new products with a focus on sustainable development. Götaverken Miljö's customers are also valuable partners when a new technology needs testing.

# Service and heat pumps

## Service and maintenance

Götaverken Miljö has extensive experience of servicing and maintenance of flue gas cleaning plants and compressor and absorption heat pumps. Our servicing activities include a complete programme, from delivery of spare parts to full servicing of entire plants. Some examples of assignments include:

- Fault rectification and repair
- Conversions and upgrades
- Preventive maintenance and inspection
- Performance calculation
- Supply of refrigerants
- Supply and installation of closed loop refrigerant emptying systems
- Commissioning and inspection
- Training of operational personnel

Conversions, upgrades and optimizations are carried out in order to ensure optimum efficiency for the customers' equipment and to meet the demands of stricter environmental legislation. We offer service agreements for pre-planned, preventive maintenance including guaranteed call-out service to avoid unexpected stoppages. Our service organisation also takes on installation, commissioning and servicing of absorption chillers.



*“Absorption chillers, placed locally in properties or centrally in a larger system to produce comfort cooling in the summer, are a profitable and eco-friendly investment.”*

## During 2009 we have performed the following service assignments:

- Delivery of gas/gas heat exchangers to I/S Vestforbrænding, Copenhagen.
- Replacement of compressor heat pump gearbox at Fortum, Hammarby/Stockholm.
- Compressor audits at Rya heat pump plant, Göteborg.
- Audit of heat pumps at Öresundskraft, Helsingborg, Sweden.
- Servicing and audit work for absorption chillers and absorption heat pumps.
- Servicing and audit work for flue gas cleaning plants.

## Absorption chilling technology

Absorption chillers, placed locally in properties or centrally in a larger system to produce comfort cooling in the summer, are a profitable and eco-friendly investment. The chillers derive energy from excess heat from the district heating network and require very little maintenance. Besides the financial gains, the technology helps reducing CO<sub>2</sub>-emissions. Götaverken Miljö supplies absorption chillers based on standard Thermax units with a cooling output ranging from 70 kW to 5 MW.

During autumn 2009, we commissioned our latest installation of a locally placed absorption chiller in Linköping's tallest

building, the Tornet (tower) in Tornby city. Interest in environmentally-friendly cooling using absorption chillers has increased over the last few years in Sweden. In November 2009, therefore, Götaverken Miljö gathered interested people in Linköping for a presentation of the technology and a demonstration of how the Tornet chiller works. Participants greatly appreciated the tips and information they received during the day. SP, the Technical Research Institute of Sweden, also presented its report “Inventering av installerade absorptionskylmaskiner”. The report (only available in Swedish) can be downloaded at [www.svenskfjarrvarme.se](http://www.svenskfjarrvarme.se).



# Financial Report

## Project operations

Götaverken Miljö AB was acquired by Babcock & Wilcox Vølund A/S on 4 January 2010 through the purchase of shares from AP Partnerinvest Miljö AB. Thanks to this acquisition, Babcock & Wilcox Vølund, with its registered office and headquarters in Esbjerg, Denmark, has taken a step forward in line with its strategic policy of both growth and development of the company's global product and service range within the environmental technology sector. Following the acquisition, Götaverken Miljö will continue to operate with its current management team, personnel and company name.

Götaverken Miljö AB is solely a Cleantech company, specialising in unique and world-leading products for cleaning of environmentally-hazardous emissions and energy recovery. ADIOX<sup>®</sup>, for removal of dioxins, and MercOx, for removal of mercury from flue gases, are successful market leaders. We develop, design and deliver complete systems, and carry out servicing as well as engineering and consultancy assignments. Systems, consultancy services and servicing are delivered direct to customers in Scandinavia. Unique products such as ADIOX<sup>®</sup> tower packings and scrubbers are delivered direct or via agents and partners in ten or so strategically-selected countries to customers throughout the world. ADIOX<sup>®</sup> technology, for removal of dioxins from flue gases, has been installed in 85 incineration lines in various parts of the world. The company also carries out servicing and conversion activities, chiefly aimed at delivered systems and existing large heat pumps and chillers.

The company has 27 employees, of which 7 are female, and the head office is located in Göteborg.

## Retaining profitability

Our purposeful efforts and concentration on unique products within our core activities - gas purification, energy recovery and servicing - continue to be successful. Revenue-recognised turnover amounted to kSEK 91,358 (kSEK 137,807) and generated an operating profit of kSEK 6,550 (kSEK 6,683). Exports accounted for 41% (23%). The gross profit totalled 7.6 % (7.2%)

## Development of our international sales network

We have long championed the properties and usefulness of ADIOX<sup>®</sup> material for removal of dioxins in connection with incineration of different types of waste. Since the introduction of ADIOX<sup>®</sup> technology this solution has been taken up by around 85 incineration lines throughout the world, with excellent results. With these reference facilities as a basis, we have established an agent and dealer network in a number of selected countries, including France, Italy, Holland/Belgium, South Korea and India. The aim is to intensify local marketing and sales, principally of ADIOX<sup>®</sup> material, but also to take on greater commitments, utilising resources made available by Babcock & Wilcox Vølund.

## Cleantech - our incentive for development

Our core activities, cleaning of environmentally-hazardous emissions and energy recovery to save on limited resources, are essential elements of what is now known as "Cleantech". This activity has been attracting increased interest from environmentalists, politicians, the media and the general public. We are continuing to further develop our technologies to minimize emissions and increase energy recovery. One example is our new additional product for reducing the formation of dioxins as well as corrosion problems in waste-fired boilers. In terms of technology therefore we feel that we are well equipped to face increased competition in future projects.

## New technology for reduction of corrosion and dioxin formation in waste-fired boilers

The company is in the final phase of development of a new supplementary product, intended to reduce dioxin formation and corrosion problems in waste boilers through incineration-technology measures. The technology has been demonstrated within Waste Refinery, a Swedish Centre of Excellence focusing on optimum conversion of waste material. Its research work is performed in collaboration with 20 stakeholders and with a SEK 15 million annual budget at its disposal. We are also receiving development subsidy from ProEnviro.



## The project activities

The order from Renova, Göteborg, Sweden, worth approximately SEK 35 million, for cleaning of the flue gases from the incineration lines 1 and 2 is progressing as planned since November 2009. The delivery means that Renova can decrease its already low emissions of mainly sulphur in the flue gases to levels far below existing emission requirements. Thanks to the improved cleaning, Renova can also increase the energy production from waste incineration, which will replace other means of energy production and hence reduce emissions from other sources in the region.

The flue gas condensation to Halmstads Energi och Miljö, Halmstad, Sweden, was handed over to the client at the end of 2009. The delivery included energy recovery by an ADIOX® scrubber condenser along with an absorption heat pump to recover another 10 MW heat from waste incineration to be delivered to the municipality's district heating customers.

The project for removal of sulphur dioxide in a foundry for a customer within the Swedish automotive industry has been fine-tuned and handed over to the client.

The delivery of ADIOX® scrubber condensers for Affald Varme Århus in Denmark was our third energy recovery order in short time to waste incineration plants in Denmark. By condensing the flue gas in the scrubber condenser, another 2 x 3 MW heat from the waste incineration can now be recovered for delivery to the municipal district heating customers. This project was also handed over to a very pleased client in the autumn of 2009.

## Continued investment in service

Götaverken Miljö operates and refines its servicing activities. This covers servicing of flue gas cleaning and water cleaning plants, absorption heat pumps/chillers, heat exchangers and service systems, as well as compressor heat pumps and orders for ADIOX® replacement material. The larger service projects include delivery of large heat exchangers to I/S Vestforbrænding in Copenhagen and retubing of heat exchangers for heat pumps at Öresundskraft and Vattenfall Uppsala.

## Human resources

Götaverken Miljö's increased incoming orders, as well as the initiative to create an international sales network, has led to the company employing additional personnel.

## Five-year overview

	2009	2008	2007	2006	2005
Net sales, SEK th.	91,358	137,807	50,957	84,135	86,625
Profit after net financial income/expense, SEK th.	6,447	6,668	3,561	6,983	7,670
Equity/assets ratio (%)	18	39	37	29	22

## Ownership

Götaverken Miljö AB is since 4 January 2010 wholly owned by Babcock & Wilcox Vølund A/S.

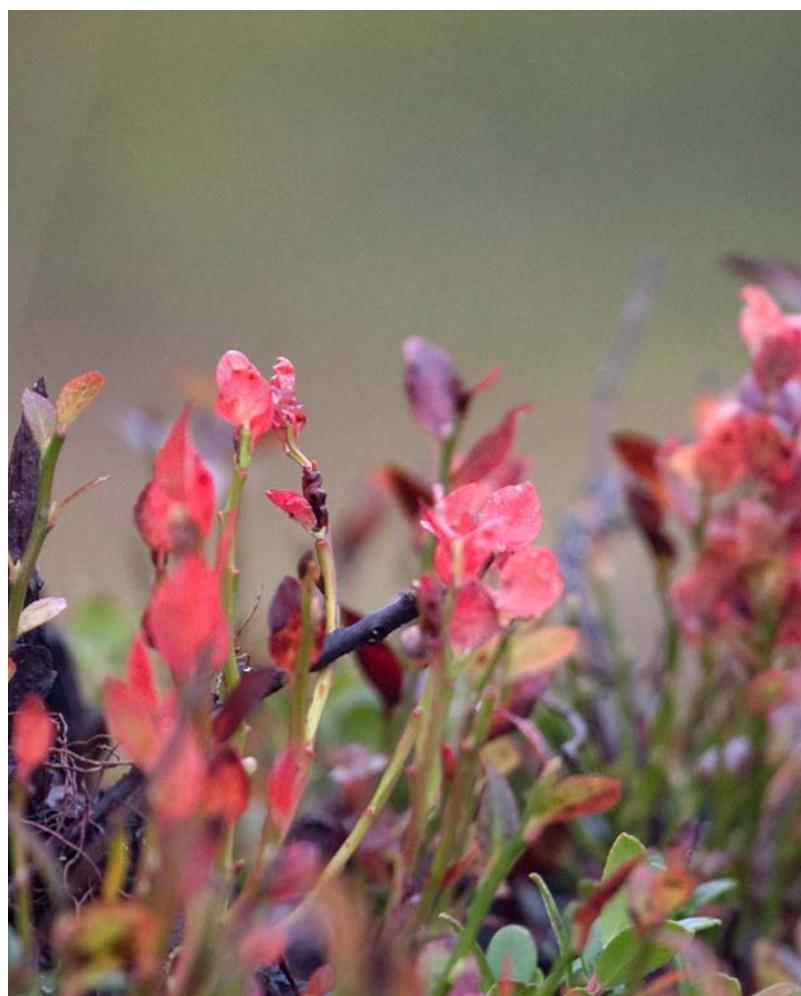
## Proposed distribution of unappropriated earnings

The following profit is available for distribution by the Annual General Meeting (in SEK).

Profit brought forward	220
Profit for the year	4 581 796
<b>Total SEK</b>	<b>4 582 016</b>

The Board proposes that the profit brought forward be distributed as follows:

Carried forward	4 582 016
<b>Total SEK</b>	<b>4 582 016</b>



## Income statement

Current operations	Note	2009	2008
Net sales		91 358	137 807
Cost of goods sold		-64 935	-108 237
<b>Gross profit</b>		<b>26 422</b>	<b>29 570</b>
<b>Operating costs</b>			
Sales expenses		-10 676	-14 692
Research and development		-5 118	-2 505
Administrative expenses		-3 753	-4 213
Depreciation	4	-429	-3 184
Other operating income	13	104	1 707
<b>Operating profit</b>	1,2,3,4	<b>6 550</b>	<b>6 683</b>

### Profit from financial investments

Interest income and similar items		145	2 064
Interest expense and similar items		-248	-2 079
<b>Profit before tax</b>		<b>6 447</b>	<b>6 668</b>
Tax		-1 865	-1 912
<b>Net profit for the year</b>		<b>4 582</b>	<b>4 756</b>

## Cash flow statement

Current operations	2009	2008
Operating profit before financial items	6 550	6 683
Depreciation	429	3 184
Loss, sale of equipment	0	0
Provision, guarantee commitments	606	255
	<b>7 585</b>	<b>10 122</b>
Interest received	145	2 064
Interest paid	-248	-2 079
Tax paid	-1 734	-1 369
	<b>5 748</b>	<b>8 738</b>
Increase/decrease, stocks	-32	831
Increase/decrease, current receivables	25 460	-38 751
Increase/decrease, accounts payable	-10 390	9 252
Increase/decrease, current operating liabilities	-14 932	13 558
<b>Cash flow from current operations</b>	<b>5 852</b>	<b>-6 372</b>

### Investment operations

Investments in intangible assets	0	0
Sales of intangible assets	0	0
Investments in tangible fixed assets	-250	-972
Sales of tangible fixed assets	0	0
Investments in financial assets	-111	-45
<b>Cash flow from investment operations</b>	<b>-361</b>	<b>-1 017</b>

### Financial operations

Loans raised/Amortisation of liability	-7 013	-18 000
Dividend paid	-25 962	0
<b>Cash flow from financing operations</b>	<b>-18 949</b>	<b>-18 000</b>
<b>Cash flow for the period</b>	<b>-13 458</b>	<b>-25 389</b>
<b>Liquid funds at the beginning of the period</b>	<b>17 878</b>	<b>43 267</b>
<b>Liquid funds at the period-end</b>	<b>4 420</b>	<b>17 878</b>

## Balance sheet

ASSETS	Note	2009	2008
<b>FIXED ASSETS</b>			
<b>Intangible assets</b>			
Goodwill	5	0	0
<b>Tangible assets</b>			
Equipment and tools	6	708	887
<b>Financial assets</b>			
Other long-term holdings	11	156	45
<b>Total fixed assets</b>		<b>864</b>	<b>932</b>
<b>CURRENT ASSETS, Stocks etc.</b>			
<b>Stocks etc.</b>			
Stocks		124	92
<b>Current receivables</b>			
Accrued non-invoiced income	7, 9	3 723	16 494
Accounts receivable		18 397	30 674
Prepaid expenses and accrued income	9	896	1 106
Tax receivable		748	879
Other current receivables		35	237
		<b>23 799</b>	<b>49 390</b>
Cash and bank balances		4 420	17 878
<b>Total current assets</b>		<b>28 343</b>	<b>69 360</b>
<b>TOTAL ASSETS</b>		<b>29 207</b>	<b>68 292</b>
<b>EQUITY AND LIABILITIES</b>			
<b>EQUITY</b>			
<b>Restricted equity</b>			
Share capital, 5 000 shares at a nominal value of SEK 100		500	500
Statutory reserve		100	100
		<b>600</b>	<b>600</b>
<b>Non-restricted equity</b>			
Profit brought forward		0	21 207
Profit for the year		4 582	4 756
<b>Total equity</b>	8	<b>5 182</b>	<b>26 563</b>
<b>Provisions</b>			
Provisions for guarantee commitments	10	2 173	1 678
Provisions for pensions	1, 11	156	45
		<b>2 329</b>	<b>1 723</b>
<b>Current liabilities</b>			
Accounts payable		3 261	13 651
Overdraft facilities	14	7 013	0
Accrued expenses and prepaid income	12	4 653	9 566
Advance payments from customers	7	3 636	12 914
Other current liabilities		3 133	3 875
<b>Total current liabilities</b>		<b>21 696</b>	<b>40 006</b>
<b>Total liabilities</b>		<b>21 696</b>	<b>40 006</b>
<b>Total equity and liabilities</b>		<b>29 207</b>	<b>68 292</b>
<b>Memorandum items</b>			
<b>Pledged assets</b>			
Floating charges		57 000	42 000
<i>In own custody deposit since Jan. 4, 2010</i>			
<b>Contingent liabilities</b>			
Guarantee undertakings		9 045	17 820

## Notes to the accounts

### Accounting and valuation principles

Götaverken Miljö AB's accounting and valuation principles are in compliance with the Swedish Annual Accounts Act and the general recommendations of the Swedish Accounting Standards Board.

### Note 1 - Salaries, other remuneration and social security expenses

Average number of employees	2009	2008
Men	20	20
Women	7	6
<b>Total</b>	<b>27</b>	<b>26</b>

#### Board and President

Salary costs	1 927	2 554
Social security expenses	1 872	1 390
<i>Of which pension costs</i>	633	403
<b>Total, Board and President</b>	<b>3 799</b>	<b>3 944</b>

#### Other employees

Salary costs	12 193	14 261
Social security expenses	5 623	6 158
<i>Of which pension costs</i>	1 849	1 288
<b>Total, other employees</b>	<b>17 816</b>	<b>20 419</b>

The company has, according agreement, undertaken to pay pension to the managing director. The commitment refers to the pension provision in the balance sheet. Other long-term holdings refer to endowment policy, pledged to guarantee this pension provision

#### Remuneration to auditors

Audit assignment	123	119
Consultation	15	9
	138	128

### Note 2 - Absence due to sickness

Absent due to sickness as a percentage of the total normal working hours for each group.

	2009	2008
All employees	0.70%	0.32%
Long-term absence	0.00%	0.00%
Age group 30 - 49 years	0.58%	0.47%
Age group 50 - years	0.49%	0.15%
Men, age group 30 - 49 years	0.41%	0.49%
Men, age group 50 - years	0.55%	0.17%

The percentage for employed women, in total or in each age group, is not reported due to the exception rule in the legislation, which states that information should not be furnished if the number of employees in each group is less than 10 or if the information can be traced to a specific individual. The same applies for the age group - 29 years.

### Note 3 - Gender distribution, executive management

Board members	2009	2008
Men	4	4
Women	0	0
<b>Total</b>	<b>4</b>	<b>4</b>

#### President and other officers of the Company

Men	1	1
Women	0	0
<b>Total</b>	<b>1</b>	<b>1</b>

### Note 4 - Breakdown of depreciation

Intangible assets	0	2 600
Tangible assets	429	584
<b>Total</b>	<b>429</b>	<b>3 184</b>

### Note 5 - Goodwill

	2009	2008
Opening acquisition value	13 000	13 000
Investments for the year	0	0
Opening accumulated depreciation	13 000	10 400
Depreciation for the year	0	2 600
<b>Closing accumulated depreciation</b>	<b>0</b>	<b>0</b>

### Note 6 - Equipment and tools

Opening acquisition value	2 742	1 770
Purchases	250	972
Sales and disposals	0	0
<b>Closing accumulated acquisition value</b>	<b>2 992</b>	<b>2 742</b>
Opening depreciation	1 856	1 272
Depreciation for the year	429	584
Sales and disposals	0	0
<b>Closing accumulated depreciation</b>	<b>2 285</b>	<b>1 856</b>
<b>Residual value according to plan</b>	<b>707</b>	<b>886</b>

### Note 7 - Work in progress

Projects in progress where revenue recognized amount exceeds invoiced amount	1 260	14 098
Projects in progress where pre-invoiced amount exceeds revenue recognized amount	-3 636	-12 914
	<b>-2 376</b>	<b>1 184</b>

Work in progress at a fixed price is reported in accordance with the Swedish Accounting Standards Board main rule in BFNR 2003:3 at the rate at which the work is completed, the so-called 'gradual revenue recognition' principle.

### Note 8 - Equity

	Share capital	Statutory reserve	Non-res. equity
Amount at the beginning of the year	500	100	25 962
Profit allocation as decided at the AGM		0	0
Dividend			-25 962
Profit for the year			4 582
<b>Amount at the year-end</b>	<b>500</b>	<b>100</b>	<b>4 582</b>

	<b>2009</b>	<b>2008</b>
Conditional shareholders' contribution	0	1 500
Previous conditional shareholders' contribution of 1 500 has been remitted as unconditional.		

### Note 9 - Prepaid expenses and accrued income

Prepaid rent	277	320
Other prepaid costs	619	786
Accrued income	3 723	16 494
<b>Total</b>	<b>4 619</b>	<b>17 600</b>

### Note 10 - Other provisions

Provisions for guarantee commitments	2 173	1 678
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### Note 11 - Financial assets

	156	45
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Acquisition cost for capital insurance. Valued to the lower of cost or market value. Market value: 254.

### Note 12 - Accrued expenses and prepaid income

Accrued social security contributions	1 457	2 524
Accrued holiday pay	2 423	2 206
Accrued salaries	321	4 342
Other accrued costs	452	494
<b>Total</b>	<b>4 653</b>	<b>9 566</b>

### Note 13 - Other operating income

Currency profit on operating assets	104	1 707
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### Note 14 - Overdraft facility

Overdraft facility was closed on 4 January, 2010.	<b>7 013</b>	<b>0</b>
Previous overdraft facility has as from 4 January been replaced by a reciprocal loan agreement totalling 35 000 kSEK between the company and the owner, Babcock & Wilcox Vølund. The agreement is valid up to 2015-01-01. Prolongation is possible. Draw downs are allowed by giving the lender one day advance notice.		

Göteborg, March 8, 2010



**Stefan Holmgren**



**Christer Sjölin**



**Lennart Gustafsson**  
Managing Director



**Åke Pettersson**



**Sven Brantebäck**

## Audit Report

To the annual meeting of the shareholders  
of Götaverken Miljö AB, Corporate identity  
number 556652-2743

I have audited the annual accounts, the accounting records and the administration of the board of directors and the managing director of Götaverken Miljö AB for the year 2009-01-01–2009-12-31. These accounts and the administration of the company and the application of the Annual Accounts Act when preparing the annual accounts are the responsibility of the board of directors and the managing director. My responsibility is to express an opinion on the annual accounts and the administration based on my audit.

I conducted my audit in accordance with generally accepted auditing standards in Sweden. Those standards require that I plan and perform the audit to obtain reasonable assurance that the annual accounts are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the accounts. An audit also includes assessing the accounting principles used and their application by the board of directors and the managing director and significant estimates made by the board of directors and the managing director when preparing the annual accounts as well as evaluating the overall presentation of information in the annual accounts. As a basis for my opinion concerning discharge from liability, I examined significant decisions, actions taken and circumstances of the company in order to be able to determine the liability, if any, to the company of any board member or the managing director.

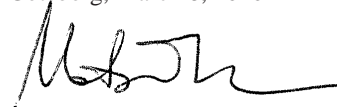
I also examined whether any board member or the managing

director has, in any other way, acted in contravention of the Companies Act, the Annual Accounts Act or the Articles of Association. I believe that my audit provides a reasonable basis for my opinion set out below.

The annual accounts have been prepared in accordance with the Annual Accounts Act and give a true and fair view of the company's financial position and results of operations in accordance with generally accepted accounting principles in Sweden. The statutory administration report is consistent with the other parts of the annual accounts.

I recommend to the general meeting of shareholders that the income statement and balance sheet be adopted, that the profit be dealt with in accordance with the proposal in the administration report and that the members of the board of directors and the managing director be discharged from liability for the financial year 2009-01-01 – 2009-12-31.

Göteborg, March 8, 2010



**Mats Olsson**  
Authorized Public Accountant

# Members of the board and auditor



## Stefan Holmgren

Born 1961.  
Elected 2002. Chairman of the Board.  
Lawyer, The Sixth Swedish National  
Pension Fund.



## Employee representative

### Sven Brantebäck

Born 1968.  
Representative of the Swedish  
Association of Graduate Engineers.  
Board member since 2008.



## Åke Pettersson

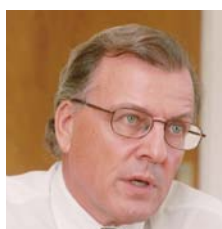
Born 1946.  
Elected 1999.  
Sociologist. Senior advisor,  
The Sixth Swedish National Pension Fund.



## Auditor

### Mats Olsson

Auditor of the Company since 2003.  
Corporate lawyer and authorised  
public accountant.  
Partner in Adrian & Partners AB.



## Christer Sjölin

Born 1943.  
Elected 2004.  
Doctor of Engineering.  
Owner CSJ-konsult.



## Board secretary

### Susanne Tibratt

Secretary since 2008.  
Director's secretary,  
Götaverken Miljö AB.

# Management



*From the left: Anders Lorén, Per Lindgren, Lennart Gustafsson, Ulf Hägg and Erland Astorsson.*

## Anders Lorén

Born 1960. Manager, Projects. Employed since 2001.

## Per Lindgren

Born 1956. Manager, Sales. Employed since 1989.

## Lennart Gustafsson

Born 1953. Managing Director. Employed since 2001.

## Ulf Hägg

Born 1955. Manager, Process. Employed since 1988.

## Erland Astorsson

Born 1961. Manager, Service. Employed since 1998.



Götaverken Miljö is located in Göteborg and has its origin in the Götaverken companies, a large industrial group comprising, among other things, shipyards and boiler manufacturing with a history dating back to 1841. Our office has an attractive location on Hisingen, on the banks of the river, the Göta Älv, where Götaverken previously ran its shipbuilding operations. The company was founded in 1988 as a spin-off from Götaverken Energy and is since January 4, 2010, owned by Babcock & Wilcox Vølund A/S, headquartered in Esbjerg, Denmark.

**GÖTAVERKEN MILJÖ AB**

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- a Babcock & Wilcox Vølund company

