



PRESS RELEASE

Nanogate initiates cooperation with GEA Group AG

**Strategic cooperation to develop and market new air filtration systems –
Potential for significant six-digit sales figures in the medium term –
Substantial sales already expected in 2010**

Göttelborn, Germany 24 March 2010. Nanogate (ISIN DE000A0JKHC9), a leading international nanotechnology enabler, is boosting its sales potential by instigating a system partnership with GEA Group AG. GEA is an international technology company which focuses on process technology and components for sophisticated production processes in a range of applications, including air filtration. The objective of the strategic cooperation is to develop and market innovative systems for more efficient filtration in the field of ventilation. The first joint applications are due to be marketed in the coming months and offer significant sales potential, even in the current financial year.

As part of the system partnership, Nanogate will enhance the GEA Group's existing filter systems. This will increase the performance and recoverable value of the filters, which are used in ventilation systems such as air-conditioning units for buildings. Nanogate-Technologie is used to upgrade the filter systems with additional functions such as antimicrobial properties, improved flame retardancy, greater electrical conductivity or longer useful lives than conventional systems. To achieve this, the company uses its expertise from projects such as the technology platform N_charge[®], which permanently enhances the performance of filter systems.

Ralf Zastrau, CEO of Nanogate AG, says: "The system partnership with the GEA Group is an important milestone for marketing our technologies in the specialist field of air filtration. We offer innovative finishes which improve the performance



and efficiency of filter systems. We hope that this cooperation will result in sustainable, innovative technology and make a considerable contribution to sales and earnings in the medium term. With this project and its other technologies, Nanogate is helping to make more efficient use of resources, design safer HVAC systems and ultimately protect the environment. GreenNano[®] – i.e. sustainable business based on nanotechnology – will prove a major growth driver for Nanogate in the long term."

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Innovation-driven competitive advantage:

This is the guiding motto Nanogate AG is using as it confronts the current economic challenges and opens up new growth prospects for its clients. To achieve this, Nanogate AG has stepped up its efforts and increased its funding significantly and will be presenting a multitude of innovations. Since going public the company has invested millions in developing new technology platforms and has transformed these into marketable products. Nanogate has successfully illustrated its expertise in more than 150 cases, using innovation to offer its clients added value and a competitive advantage.

Nanogate AG:

Nanogate is a leading international enabler in the nanotechnology growth market and so opens the gate to this technology for its customers. The firm, which is based in Göttelborn (Saarland), enables the programming and integration of additional properties such as non-stick, anti-bacterial, anti-corrosive and ultra-low friction. Nanogate thereby gains a competitive edge for its customers by product refinement using chemical nanotechnology. Nanogate covers a wide range of industries, functions and substrates already on the basis of technology platforms. The company thus provides a decisive interface for the commercialisation of chemical nanotechnology, bridges the gap between raw materials and their industrial conversion into products and concentrates as an enabler on one of the most attractive segments in the industry. As a partner in innovation, Nanogate provides many services along the value



chain – from development and production of innovative nanocomposites and nanostructured materials to powerful support for innovation and product integration.

The Nanogate Group currently has 84 employees in all (as of September 2009) and since commencing operations in 1999 has been a pioneer in nanotechnology. The company has first-class customer references (e.g. ABB, BSH Bosch-Siemens Haushaltsgeräte, Kärcher and Koenig & Bauer AG) and many years' experience of different industries and applications. It has also entered into strategic cooperation with international companies such as Dow Corning. The Group's includes Nanogate Advanced Materials GmbH, which specialises in complex applications like high-performance optics, FNP GmbH in the area of sport/leisure, a majority shareholding in Holmenkol AG and a shareholding in sarastro GmbH.

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