



PRESS RELEASE

Nanogate AG enters Japanese market: cooperation agreement with leading display supplier

Cooperation begun with a leading Japanese supplier for the display industry – contract with cost sharing confirms quality of the Dotfarm[®] optics technology platform – a medium seven-figure sales potential possible following successful series launch from 2009 – income projections for the 2007 financial year exceeded considerably

Saarbrücken, 8 April 2008. Nanogate AG (ISIN DE000A0JKHC9) secures access to Japanese market: the development partnership with a large supplier for the Asian display industry plans to adapt Dotfarm[®] optics technology in small format LCDs for consumer electronics. Following successful completion and the announced start of mass production in 2009, Nanogate is anticipating medium seven-figure sales potential.

The newly agreed contract with the Japanese manufacturer also contains a low six-figure share in the product adaptation costs in 2008 and is already the second significant cooperation in the field of LCD applications. The first cooperation agreement was established in autumn 2007 with one of the largest Asian electronics groups in the world. The Dotfarm[®] optics technology, developed and patented by Nanogate, replaces the light directing films needed for conventional solutions. The manufacturing costs of backlights for LCD displays are thus reduced by 20-50%. As a nano-structured screen, Dotfarm[®] optics consists of millions of diffractive gratings that can be individually adjusted, programmed and thus aligned. As a result, light can be directed in a targeted way and, moreover, further intensified. Even the smallest components can be improved with this technology due to the strong miniaturization of the individual gratings.



Ralf Zastrau, CEO of Nanogate AG: "The strategy of opening up new international markets is showing great success again. At the same time, the newly agreed contract confirms the performance capability of our Dotfarm® optics technology. Nanogate expects that particularly with small format displays a speedy adaptation for mass production is possible, followed by a quick market launch of the components improved by us. Based on sales projections of considerably more than EUR 10 million in our present field of multifunctional screens, Dotfarm® optics could already achieve significant additional sales and earnings in 2009. Beyond the 2009 financial year, the market for display applications offers a sales potential of at least EUR 50 million for us."

Nanogate AG has further announced that Nanogate AG's group financial statement for the 2007 financial year will be published on 24 April 2008. On the same date the company will likewise announce exact sales and earnings forecasts for the current financial year. According to latest indications from the annual audit, the sales forecast for the completed 2007 financial year was fully realised and the earnings projections were exceeded considerably.

Queries? Please feel free to contact:

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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 Saarbrücken-based firm enables the programming and integration of additional properties such as non-stick, anti-bacterial, anti-corrosive, 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 57 employees in all (as of 1 July 2007) and since commencing operations in 1999 has been a pioneer in nanotechnology. Nanogate is a high-growth company and has operated profitably since financial year 2004. In financial year 2006 it boosted consolidated sales by about 64% to around €7.84 million. Consolidated earnings before interest and taxes (EBIT) to IFRS increased by about 220% to around €1.1 million in 2006. The company has first-class customer references, such as ABB, BSH Bosch-Siemens Hausgeräte, Kärcher and Koenig & Bauer AG, and many years' experience of different industries and applications. It has also entered into strategic cooperation with US companies Dow Corning and Ceradyne/ESK Ceramics and Authentix and with Giesecke & Devrient. The Group's consolidation entity includes Nanogate Advanced Materials GmbH, which specialises in safety engineering and optics and is a joint venture with the US Air Products group. Nanogate also holds a strategic investment with a majority option in HOLMENKOL Sport-Technologies GmbH & Co. KG.

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