



## **PRESS RELEASE**

### **Nanogate boosts sales of energy-efficient heating systems**

**Nanogate customer presents new generation of heat exchangers at the leading industry fair ISH in Frankfurt am Main – Sales of energy efficiency coatings should reach seven figures in 2014 – Coating capacities to be expanded**

**Göttelborn, Germany, 15 March 2013. Nanogate AG (ISIN DE000A0JKHC9), the leading international integrated systems provider for high-performance surfaces, is profiting from the increasing interest in energy-efficient heating systems. At the industry's leading trade fair, ISH in Frankfurt am Main, a leading global manufacturer is presenting a new generation of heat exchangers that have been enhanced with Nanogate's expertise. In future, oil-fired as well as gas-fired heating systems will be equipped with Nanogate technology. Mass production of the innovative energy efficiency coatings started in autumn 2012. In view of soaring demand, Nanogate expects that this division will make a seven-figure contribution to Group sales as early as 2014.**

Ralf Zastrau, CEO of Nanogate AG, said: "The strategic focus on cleantech and energy efficiency applications is paying off. Demand is rising constantly – saving energy is a global trend. This was particularly evident at the industry's leading trade fair, ISH, where we had countless conversations about this. Our technology helps to minimise resource consumption. Given the advantages of our multifunctional surfaces, we are optimistic that we will win more leading manufacturers as customers. With this current product presentation, Nanogate technology is now in use across the whole spectrum of traditional heating systems. Nanogate is increasing its coating capacities as a result of these rising sales figures."



### **Market potential in the three-figure million range**

With its innovative energy efficiency coatings Nanogate is addressing a market with an annual volume well in excess of EUR 100 million. In recent years alone, the number of heat exchangers enhanced by Nanogate has multiplied. The Group covers the entire value chain on its own, from development through to mass production. Technology from Nanogate ensures that the efficiency of the heat exchanger stays constant over a long period, as well as extending maintenance intervals and the total useful life of the heating system. The coating stops fumes from polluting the heating system, as is the case in conventional systems, and thus prevents the corrosion of aluminium heat exchangers.

The ISH trade fair (12 to 16 March 2013) in Frankfurt am Main is one of the world's leading trade fairs for building, energy and climate control systems as well as renewable energies. 2,300 exhibitors from 57 countries will be present. Messe Frankfurt says it is expecting more than 200,000 visitors.

***Nanogate on Twitter: [http://twitter.com/nanogate\\_ag](http://twitter.com/nanogate_ag)***

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### **Nanogate AG:**

Nanogate is the leading international integrated systems provider for high-performance surfaces. The Group, which is based in Göttelborn (Saarland), enables the programming and integration of additional properties – such as non-stick, scratchproof and anti-corrosive – into materials and surfaces. Nanogate opens up the diverse possibilities of multifunctional surfaces based on new materials for companies in a wide range of industries.



Nanogate provides its customers with technologically and optically high-quality systems. To do this, the company uses its extensive knowledge of innovative materials, including existing expertise in nanomaterials, nanosurfaces and nanostructures. The aim is to improve products and processes by means of high-performance surfaces while achieving environmental benefits. The Group concentrates on the four sectors of Automotive/Mechanical Engineering, Buildings/Interiors, Sport/Leisure and Functional Textiles. Nanogate has a unique combination of extensive materials expertise paired with comprehensive, first-class process and production know-how. As a systems provider, Nanogate offers services throughout the entire value chain, from the purchase of raw materials, to the synthesis and formulation of the material systems, right through to the enhancement and production of the finished surfaces. Nanogate focuses primarily on optically high-quality plastic and metal coatings for all surface types (two and three-dimensional components). Its value drivers are the opening up of new, international markets, the development of new applications for the growth markets innovative plastics (e.g. glazing) and energy efficiency, as well as external growth. In the medium term, Nanogate also intends to achieve a considerable revenue share from environmentally friendly systems and cleantech applications.

The Nanogate Group has first-class customer references (e.g. Airbus, Audi, BMW, Bosch-Siemens Haushaltsgeräte, Junkers, Kärcher, Hörmann Group and Jaguar). Several hundred projects have already gone into mass production. The company also has strategic partnerships with many international corporations. Nanogate comprises Nanogate Industrial Solutions GmbH, Eurogard B.V., Nanogate Textile & Care Systems GmbH, a majority stake in GfO Gesellschaft für Oberflächentechnik AG and a strategic 76 % holding in Plastic-Design GmbH.

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