

Press Release

Heraeus Photovoltaics achieves milestone with delivery of 4,000th ton of silver pastes and confirms market and quality leadership

Combination of cutting-edge technologies and superior quality enables Heraeus Photovoltaics to deliver on strong and growing industry demand

SHANGHAI, CHINA – April 19, 2017 – Heraeus Photovoltaics, a leading provider of technology and service solutions for the renewable energy industry, has set a milestone in the industry by delivering its 4,000th ton of metallization pastes to its customers. During the 2017 SNEC in Shanghai, Heraeus Photovoltaics has proven its market leadership based on superior quality, steady efficiency improvements and high appreciation by customers.

4,000 tons of silver pastes technically translates into solar panels able to produce around 133 GW power, which is equal to more than 51 million modules or around 3 billion solar cells.

“The delivery our 4,000th ton of silver pastes demonstrates our leading expertise and unmatched reliability. We partner with our customers to achieve the common goal to constantly increase efficiency and lower costs. By providing them with cutting-edge technologies we have been able to set milestones in the industry. Milestones that set benchmarks regarding output, efficiency and reliability,” says Andreas Liebheit, President of Heraeus Photovoltaics.

The key to Heraeus Photovoltaics market leadership relies on five pillars: The company operates R&D and Application centers all around the world, able to provide 24hrs research for higher efficiencies. From the first samples it takes only two to three months to produce a full size batch. Every 12 months, the company offers 0.2% efficiency increase on cell level through its silver paste. Up to 1% additional increase is possible by customization work. The full process perspective on further steps of the PV-production chain such as wafer production, diffusion and drying processes provides higher production yields and additional efficiency gains. Heraeus Photovoltaics also owns one of the most reliable and stable supply chain and production network to provide unmatched flexibility to its customers.

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About the Heraeus Photovoltaics Global Business Unit

The Heraeus Photovoltaics Business Unit is an industry leading developer and manufacturer of silver metallization pastes as well as a provider of solutions and services for the photovoltaic industry. For over 40 years, Heraeus has built a reputation of innovation, extensive research and new product development in thick film technologies for some of the most prominent companies within a variety of industries. In the field of photovoltaics, the Heraeus Photovoltaics Business Unit applies this history and its innovative technology to offer metallization pastes for solar cell applications as well as solutions and services to increase efficiency in wafer production processes. The Heraeus SOL Series of silver pastes is specially formulated to provide higher efficiencies and wider processing windows, resulting in better yields and higher output for cell manufacturers.

Heraeus, the technology group headquartered in Hanau, Germany, is a leading international family-owned company formed in 1851. In 2016, it has been awarded one of the ten most important family owned businesses. With expertise, a focus on innovations, operational excellence and an entrepreneurial leadership, we strive to continuously improve our business performance. We create high-quality solutions for our clients and strengthen their competitiveness in the long term by combining material expertise with technological know-how. Our ideas are focused on themes such as the environment, energy, health, mobility and industrial applications. Our portfolio ranges from components to coordinated material systems which are used in a wide variety of industries, including the steel, electronics, chemical, automotive and telecommunications industries. In the 2015 financial year, Heraeus generated revenues without precious metals of €1.9 bn and a total revenue including precious metal of €12.9 bn. With approximately 12,500 employees worldwide in more than 100 subsidiaries in 38 countries, Heraeus holds a leading position in its global markets.

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