

Press Release

Phoenix Solar completes a 400 kWp photovoltaic project on the company building of Applied Materials in Singapore

- **Singapore's largest thin-film photovoltaic plant is to be inaugurated today**
- **The world's largest thin-film modules used in construction**

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Sulzemoos 13 April 2010 / Singapore based Phoenix Solar Pte Ltd, a subsidiary of TecDAX listed Phoenix Solar AG, Germany, has completed Singapore's largest photovoltaic plant built with thin-film modules with a peak output of 380 kilowatts (kWp) on the new company building of Applied Materials Inc. in Singapore. The thin-film modules used in construction are the world's largest, with a surface area of 5.7 square metres. In addition to the 380 kWp large-scale tandem modules, the Phoenix team also used 4.8 kWp of semi-transparent thin-film modules along with 14.4 kWp multi-crystalline modules, which brings the plant's peak output to around 400 kilowatts in total.

Applied Materials' 32,000 square metre operations centre serves as a hub for the company's activities throughout Asia. The building has been rated Green Mark Platinum by Singapore's Building & Construction Authority and will be inaugurated today, 13 April 2010.

The photovoltaic modules were manufactured in Germany and China using the so-called "SunFab Thin Film Line™", a production line developed by Applied Materials. This fully integrated thin-film production line is suitable for either single junction or tandem junction thin-film modules and, with modules measuring 2.2 m x 2.6 metres, can produce the world's largest and most powerful mass-produced thin film solar modules. These large modules lower the installation costs as assembly is swifter and save on mounting materials.

“At approximately 105 kg and yet only 8 mm thick, handling and installing these modules on the roof was a challenge. We are extremely proud of the entire project team for their innovative engineering solutions”, said Christophe Inglin, Managing Director of Phoenix Solar Pte Ltd.

“The new photovoltaic system on our roof is an excellent showcase for our SunFab technology - and is accessible to anyone who visits our new Singapore Operations Centre”, commented Russel Tham, President of Applied Materials South East Asia. “Phoenix Solar installed the system in a matter of weeks and with the highest level of professionalism. We are very pleased with the result.”

This is an English translation of the German original. Only the German version is binding.

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About Phoenix Solar AG

Phoenix Solar AG, which has its headquarters in Sulzemoos near Munich, is a leading international photovoltaic system integrator. Based on provisional figures, the Group achieved total revenues of EUR 473 million and an EBIT of EUR 12.2 million in the financial year 2009. The company develops, plans, builds and takes over the operation of large-scale photovoltaic plants and is a specialist wholesaler for complete power plants, solar modules and accessories. The Group is a leader in photovoltaic system technology. It focuses on the consistent lowering of system costs. With a sales network throughout Germany, and subsidiaries in Spain, Italy, Greece, France, Singapore, Oman and Australia, the Group currently has a workforce of more than 300 employees. The shares of Phoenix Solar AG (ISIN DE000A0BVU93) are listed on the official market (Prime Standard) of the Frankfurt Stock Exchange and on the TecDAX, Deutsche Börse AG's technology index.

About Applied Materials Inc.

Applied Materials Inc. is one of the global leaders in the manufacturing of machinery for the manufacturing of

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*semiconductor chips and flat panel displays Its production facilities designed for the world's largest thin-film photovoltaic modules enable modules to be manufactured on costs per watt basis which counts among the lowest in the world.
(www.appliedmaterials.com)*