

A strong brand for Italy

SolarWorld AG focuses on best quality in all markets. High performances and reliability are convincing to customers also in Italy. Both are guaranteed by the global player with integrated manufacturing and consequent quality standards.



In perfect harmony with architecture and landscape: modules of SolarWorld on a rooftop in Tuscany

Photos: SolarWorld

The application fields for PV on Italy's roofs are manifold and the technology form has a high potential. According to the Gestore dei Servizi Elettrici (GSE), the cumulative solar capacity at the beginning of September had reached the 600 MW mark in Italy. This means that Italy has become the third-largest solar market in Europe. Due to the high solar radiation levels, the country offers excellent perspectives for solar electricity generation. Northern and Southern Italy both promise attractive yields. "Italy is an important future PV market that has a high potential and opens ideal opportunities for manufacturers, distributors, installers and the end customer", says SolarWorld CEO Frank H. Asbeck. SolarWorld has been present on the Italian market since 2003 and serves the different local demands with a broad range of products: thanks to many years of cooperation with wholesale partners, the company is able to provide PV solutions for single and multi-family homes as well as for agricultural enterprises and industrial roofs.

With the inauguration of the first solar energy installation in Vatican City, SolarWorld had previously attracted widespread attention in Italy. The solar system located on the roof of Pope Paul VI Audience Chamber directly at St. Peter's Basilica has a total capacity of 221.59 kW and allows for an electricity production of about 300,000 kWh per year. With the completion of this project at the end of last year, SolarWorld achieved an architectonically and visually aesthetic solution that underlines the many application areas of PV. The exemplary solar architecture on the roof of the Audience Chamber was awarded with the European Solar Prize in 2008. "We have high expectations towards an optimum of integration in the existing architecture as well as the quality and performance of our products", says Frank H. Asbeck. This year, SolarWorld modules were test winners in a quality survey conducted by the special interest jour-

nal Photon. In a long-term test, the modules produced the highest amount of electricity as against competing products in the test. Besides the highly efficient Sunmodules, SolarWorld customers have available the complete range of component parts for solar energy systems. Next year a TÜV certified system for integration into rooftops will allow customers the implementation of an integrated seamless PV solution for new buildings.

Optimum performance and high quality of SolarWorld products are the result of a consequent alignment of the production along the entire value-added chain. From silicon to wafer, from the solar cell up to the solar module: as a vertically-integrated company, the group controls and directs processes, products and quality in each of the production steps. The continuous dialogue with a team of in-house research and development experts allows for a fast implementation of new research results in the production stage. In addition, the group controls the developments of solar electricity technologies in-house and on all stages. Recycling activities in the company's own subsidiary complete the full life-cycle of the solar product.

With an annual turnover of more than € 900 million in 2008, SolarWorld AG is one of the largest solar companies in the world. SolarWorld AG has also managed to become the principal solar technology manufacturer in the United States and is massively expanding its production capacities across the world. Until 2011, the company has the aim of establishing an integrated production of crystalline solar wafers, cells and modules in the United States each with a capacity of 500 MW. With the expansion of the European production location in Freiberg/Germany, SolarWorld AG will be crossing the 1 GW mark for module production capacities. By 2011 the group will employ more than 3,000 persons worldwide.

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