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P R E S S R E L E A S E

Scheuten to supply solar panels for roof covering of Rotterdam Central Station Integrated glass-glass panels constitute largest BIPV project in the Netherlands

Following the supply of not less than 30,000 m² glass, Scheuten will now also be providing in excess of 3,000 solar panels for the roof covering of Central Station Rotterdam. The glass-glass solar panels will be fully integrated into the station's glass roof spanning a surface area of over 9,000 m². Scheuten Solar specializes in this sustainable energy technology, also called Building Integrated Photovoltaics (BIPV). In 2007 the original station was closed and the demolition work commenced. The revamped station will be complete at the start of 2013. The capacity of this solar power plant will then be at least half a MegaWatt (MW) of green energy.

The glass roof covering forms part of the renovation and modernization of Rotterdam's central trainstation and its surrounding area. Due in part to the arrival of Randstad Rail and HSL-Zuid, the number of passengers will be soaring. Extending the station is crucial to cope with this exponential growth in passenger numbers, in the future too, says client ProRail.

Light ingression, solar heat and a modern, contemporary design constitute important elements in the design by architect Jan Benthem. To this end Scheuten has already supplied 30,000 m² of laminated glass in three different finishes. The BIPV solar panels of Scheuten Solar's Optisol® brand were made from the same extra-clear glass with an exceedingly high degree of transparency, thereby ensuring optimum energy yield. This special glass comes from the modern float glass factory belonging to Scheuten and Interpane in Osterweddingen (Germany). As an EPC contractor (Engineering, Procurement & Construction), Scheuten Solar had already been involved in the project from an early stage. Following an analysis of the shade situation, it advised its clients ProRail and Licotec on optimum positioning of the solar cells in the panels. The next step will be the production of the bespoke glass-glass solar panels. The green energy that will be generated using the solar panels is equivalent to the electricity consumption of more than 100 households.

Jan-Willem Tolcamp, Sales Manager BIPV: "Because of its size and design, Central Station Rotterdam is considered to be a highly prestigious project the world over. Even the logistical organization is very challenging, as due to the train services the time available for assembly work is extremely limited. This makes full and flawless delivery a requirement. And so, subsequent to us supplying the glass, we are exceptionally proud that Scheuten has now also been selected by ProRail and Licotec to provide the largest BIPV system in the Netherlands."

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Scheuten Solar is an international player in the field of the design, production and distribution of solar modules. Besides being a manufacturer of high-quality German-made products, we are professionals in the development and implementation of turnkey (B)IPV projects. We are dedicated to providing added value to our customers with powerful PV solutions. Our employees operate locally using high-quality products and solutions made for the future.

Scheuten Solar has over a decade of experience in the field of solar energy and forms part of the Scheuten group, an international high-volume manufacturer of total solutions in glass and solar energy systems with its head office in Venlo, the Netherlands. Scheuten employs in excess of 2,000 staff and achieved a turnover of over 500 million euro in 2010.

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