

Press Release

**Modern architecture and energy-saving go hand-in-hand**

## **Swiss solar awards for office building and single-family home use Kyocera modules**

**Kyoto / Neuss, XX October 2010 – Proof that a clear architectural language and solar power generating systems go together splendidly comes from the IUCN (International Union for Conservation of Nature) building in Gland, Switzerland, and a single-family home on the Alpine sun terrace of Ruschein, also in Switzerland. Both have received a Swiss Solar Award 2010, and both capture the power of the sun with solar modules by the Japanese technology corporation Kyocera, one of the leading manufacturers in the field of photovoltaics.**

The Swiss Solar Award honours persons and institutions who display commitment for the benefit of solar energy. Under the patronage of the Swiss Federal Office of Energy, the awards are presented for buildings with an innovative and optimal design in terms of energy consumption, and for the best installations in the field of renewable energy sources.

The modern headquarters of the IUCN has received a Swiss Solar Award for the inspired extension of its complex of buildings.

Integrated into its flat roof is a 146-kWp photovoltaic system which consists of 693 Kyocera solar modules (KD210GH-2PU type) and covers half the entire energy demand of the facility. The system produces 139,700 kWh per year and supplies the heat pumps with an annual total of approximately 35,000 kWh of solar-generated electricity. As a result, the CO<sub>2</sub> emissions of the building are reduced by roughly 103.5 t per year compared to similar buildings.

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Also among the award recipients, the elegantly designed single-family home of the Cadruvi/Joos family in sunny Ruschein in the Bündner Oberland is situated at a height of 1,184 metres. In the justification for the Solar Award, it was stated that the clear and modern architectural language impresses due to the well-integrated, multifunctional 6.5 kWp photovoltaic installation, which functions as both the actual roof surface and a solar power generating system. The installation consists of 50 frameless Kyocera modules that have been integrated into the roof of the building with the aid of suitable mounting systems. The result is an aesthetically pleasing and uniform photovoltaic system, which supplies some 7,700 kWh each year. The solar installation thus covers 100 per cent of the overall demand and generates an annual electricity surplus of 813 kWh. This – along with the impressive architecture – is why the Norman Foster Solar Award has gone to the single-family dwelling.

Kyocera products have always been among the most efficient on the market. This is also one of the reasons why the company's solar modules are specifically chosen for sites with extreme weather conditions – such as in the Swiss Alps. The solar modules can withstand extreme weather-induced and mechanical loads without damage. In its fully-integrated production process, Kyocera attaches particular importance on covering the entire value-added chain itself, thus enabling the company to guarantee the quality and performance of its modules.

### About Kyocera

Headquartered in Kyoto, Japan, the Kyocera Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the Kyocera Group, which comprises 213 subsidiaries (April 1st, 2010), are information and communications technologies, products to increase the quality of life, and environmentally friendly products. The technology group is also one of the largest producers of solar energy systems worldwide.

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With a workforce of about 63.000 employees, Kyocera posted net sales of approximately €8.59 billion in fiscal year 2009/2010. The products marketed by the company in Europe include laser printers, digital copying systems, microelectronic components, finceramic products and complete solar systems. The corporation has two independent companies in the Federal Republic of Germany: the Kyocera Finceramics GmbH in Neuss and Esslingen and the Kyocera Mita Deutschland GmbH in Meerbusch.

The company also takes a lively interest in cultural affairs. The Kyoto Prize, one of the most prominent international awards, is presented each year by the Inamori Foundation, once established by Kyocera founder Dr. Kazuo Inamori, to individuals and groups worldwide for their outstanding human achievement (converted at present €450.000 per prize category).

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