















Renewable Energy World, March-April 2002

WORLD'S LARGEST PV ROOF COMPLETED AND CONNECTED

The largest PV roof in the world was connected to the grid in the Netherlands at the Floriade 2002 horticulture exhibition in Haarlenmermeer, Amsterdam. Siemens Netherlands worked on the installation - for the Dutch utility Nuon - over a period of nine months. The 2.3 MW roof, comprising 19,000 panels, generates 1.23 GWh per year, and involved a capital outlay of €17.5 million, €5.2 million of which was subsidized by the Dutch Ministry of Economic Affairs. The plants and flowers at the exhibition will thrive under 26,100 m² of PV panels - an area comparable to three football pitches - as they are specially designed so light can filter through.

The world's largest solar ro at the Floriade exhibition, Amsterdam. Photo:ANP/Nuon



















































Children's Museum, Rome, Italy

PV panels mixed with vision glazing in a checkerboard pattern... with operable skylights at eave and ridge.

