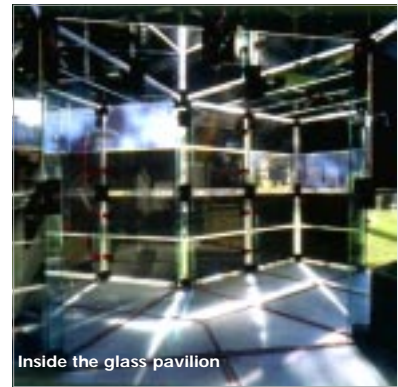




Glass pavilion

under the sun

an outdoor exhibition of light



Inside the glass pavilion

Commissioned by The Cooper Hewitt / National Design Museum, a branch of the Smithsonian Institution, Kiss + Cathcart designed this major exhibition on solar technologies and the built environment. Staged in the museum's gardens on Fifth Avenue in Manhattan, *Under the Sun* introduces the principles and uses of solar energy, and advocates integration of solar technology into everyday life.

Photovoltaic (PV) pavilions and kiosks are the focus of the plan. These structures demonstrate integration of PV systems into temporary and permanent shelter, and incorporate the major solar module technologies: glass, metal, and flexible film.

The pavilions provide shade, display surfaces for images and text, and projection screens for lights and film.

The glass pavilion incorporates a thin-film PV medium laminated between glass sheets. These composite modules are simultaneously structure, enclosure, and power source. Energy from the modules powers the pavilion's fan by day and lights under the glass floor at night.



Tensile structure pavilion

Under the Sun opened on June 21, 1998. It will travel throughout the USA during 1999 and 2000.

Kiss + Cathcart, Architects, New York, with
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