

PRESS RELEASE

For Immediate Release:

Situ Studio has designed and constructed Solar Pavilion 3, the third in a series of eco-friendly pavilions for Solar One's annual CitySol Festival.

Location: Stuyvesant Cove Park, New York City (2420 FDR Drive / 23rd Street at the East River)

Dates: June 26 – 29, 2008

Panel Discussion: Friday, June 27, 6 – 7:30pm, at Solar Pavilion 3, Stuyvesant Cove Park

June 23, 2008 - Situ Studio has been commissioned by Solar One to design a pavilion for this summer's CitySol Festival. Located in Stuyvesant Cove Park on the East River at 23rd street, CitySol is an annual clean energy, art and music festival.

Solar Pavilion 3 is the third installment in a series of pavilions designed by Situ Studio that explore indeterminate construction systems and sustainable building practices. The goal of each design is to create a set of parts that are easy to assemble through a set of localized construction rules. The flexible structural logic allows for a wide range of configurations that can be achieved with all or a portion of the same set of parts. Manufactured with a zero-waste mandate, the Solar Pavilion projects explore methods for producing reconfigurable temporary structures at a low cost and with minimal environmental impact.

The pavilion's structure consists of 2,500 slotted strips milled out of 100 sheets of plywood that are woven together and joined with "I" shaped aluminum fasteners. All hardware is custom designed to allow for quick assembly as well as to generate minimal waste during manufacture. Membranes made of biodegradable PVC fabric donated by Ultraflex are stretched between plywood members adding further stiffness to the structure as well as providing shelter from the elements. Benches and counter surfaces are made of Plyboo™, donated by Bettencourt Green Building Supply, and are functional adaptations of the same structural system. The pavilion will occupy a footprint of approximately 4,000sf and house public services including a bar, information kiosk and a sound installation by artist Robert Pluma.

Chris Neidl, Solar One's Education and Outreach Coordinator, states:

"Over the course of the past three summers, Citysol's stature has grown within the city's crowded summer calendar and its audience has expanded. Our success owes a great deal to the truly inspired work of Situ Studio, whose series of solar pavilions have not only come to physically define the venue, but also symbolize the festival as a whole. Situ's latest installation is as highly anticipated by our audience as the festival's musical line up. The collaboration is an indispensable one that is very much at the core of Citysol's mission."

For last year's festival Situ Studio created Solar Pavilion 2, which was also designed with a zero-waste mandate and constructed with a range of materials including Plyboo™, Cereplast™ and FSC certified plywood. Solar Pavilion 1, in 2006, utilized hundreds of recycled cardboard tubes.

The festival is free and open to the public.

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FROM TEMPORARY TO PERMANENT: Sustainable Design for Solar One

Julie V. Iovine, Executive Editor of The Architect's Newspaper will moderate a discussion with designers **Bradley Samuels**, Situ Studio and **Colin Cathcart**, Kiss + Cathcart Architects, along with **Charles McKinney**, Chief of Design for New York City Department of Parks and Recreation and **Chris Collins**, Executive Director of Solar One.

Over the past three years Stuyvesant Cove Park has been the site of a series of experiments in sustainable design. Next year a permanent green arts, energy and education center will break ground on this same site. This panel discussion will mark a moment of transition from Situ Studio's series of environmentally themed temporary pavilions to New York City's first carbon neutral building - Solar 2, designed by Kiss + Cathcart Architects. These projects will provide a starting point for a broader discussion of the challenges and potentials of sustainable design initiatives in New York City.

Situ Studio was founded in 2003 in Brooklyn, New York, while its five partners were studying architecture at the Cooper Union. Concentrating on research, design and fabrication, the firm utilizes emerging technologies at the intersection of architecture and a variety of other disciplines. Recent projects include the design and fabrication of the Solar Pavilion 2 in 2007, which was deployed in Manhattan, Brooklyn and Miami. The firm also collaborated on the design of the Flight 587 Memorial in Rockaway, Queens with Freddy Rodriguez. Situ Studio is currently working on a mapping project with the Brooklyn Public Library that is focusing on the visualization of demographic information for the institution's branch planning and analysis. In 2006, the firm received the Award for Excellence in Design, by the Art Commission of the City of New York. Situ Studio has exhibited work at the AIA Center for Architecture, New York and Van Alen Institute, New York. Situ Studio's projects have been published in The New York Times, Architectural Record and journals such as LOG. The partners teach at Pratt Institute, GSAPP Columbia University and give workshops and lectures internationally.

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Situ Studio acknowledges the generous support of:

Solar Pavilion 3 Materials Sponsors:

Bettencourt **Green Building Supplies**



Official Media Sponsor:



Situ Studio would like to thank Arup for their guidance and consultation during the pavilion design process and Two Trees Management for their generous provision of space for experimentation and construction.

For more information:

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Solar One website: www.solar1.org

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▲ SOLAR PAVILION 3 Stuyvesant Cove Park, NYC June 26-29, 2008



▲ SOLAR PAVILION 2 Installed in Manhattan, Brooklyn & Miami, 2007



▲ SOLAR PAVILION 1 Manhattan, NY Summer 2006