

MORE WINDOW – MORE ENERGY – MORE LIFE



- Winner of SOLAR DECATHLON 2007, the solar house building Olympics.
- 20 solar homes competed in 10 disciplines on the NATIONAL MALL / WASHINGTON D.C. / USA
- ARCHITECTS: TEAM GERMANY – TU Darmstadt
- TEAM GERMANY won this competition because of the reduced energy demand of the building, realized through an superinsulated airtight building envelope.



Installed Window System: ENERGATE
Windows Southside $u_w = 0,60 \text{ W/m}^2\text{K}$
Windows Northside $u_w = 0,32 \text{ W/m}^2\text{K}$

- **Winner of the U.S. GREEN BUILDING COUNCIL GREEN BUILDING AWARD 2007**
- **ARCHITECTS: TEAM GERMANY – TU Darmstadt**
- **Installed Window System: ENERGATE**



TEAM GERMANY

AWARDS



- German Timber Construction Award 2009
Category: Component / Concept
- Construction World Award 2009
Category 6: Prototypes
- DETAIL Magazin Award 2009
Spezial Award
- Timber Award Hessen 2008



DEUTSCHER HOLZBAUPREIS 2009

**Bauwelt
Preis
2009**

**DETAIL
Preis 2009**

Holzbaupreis
Hessen 2008

- **ENERGATE** supplied the **ENERGY PLUS HOUSE** Reference of the German Government.
- the showcase near the Reichstag in Berlin demonstrates impressively the possibilities of future energy-efficient building
- built to show the importance and the potential of an improved building envelope to reach the carbon reduction targets





- **ENERGATE is the world wide benchmark in sustainable super energy saving windows**
- **best technical values**
- **impressive U-values**
- **best air tightness**
- **award-winning design.**

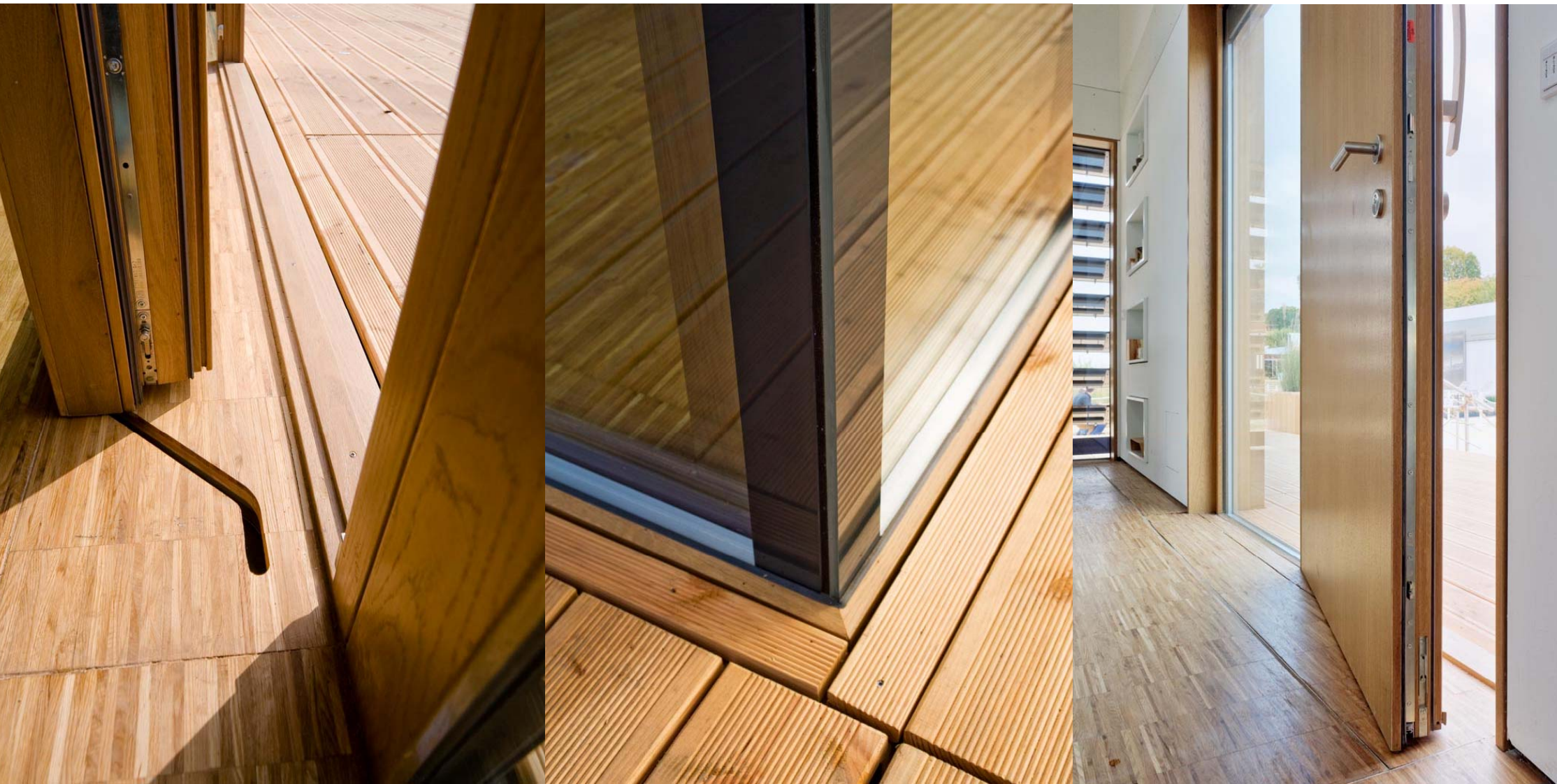
- **TITLEHOLDER**
TEAM GERMANY has won the
SOLAR DECATHLON for the second time 2009
- **NATIONAL MALL / WASHINGTON D.C. / USA**
- **ARCHITECTS: TEAM GERMANY**
TU Darmstadt
- **Installed Window System: ENERGATE**



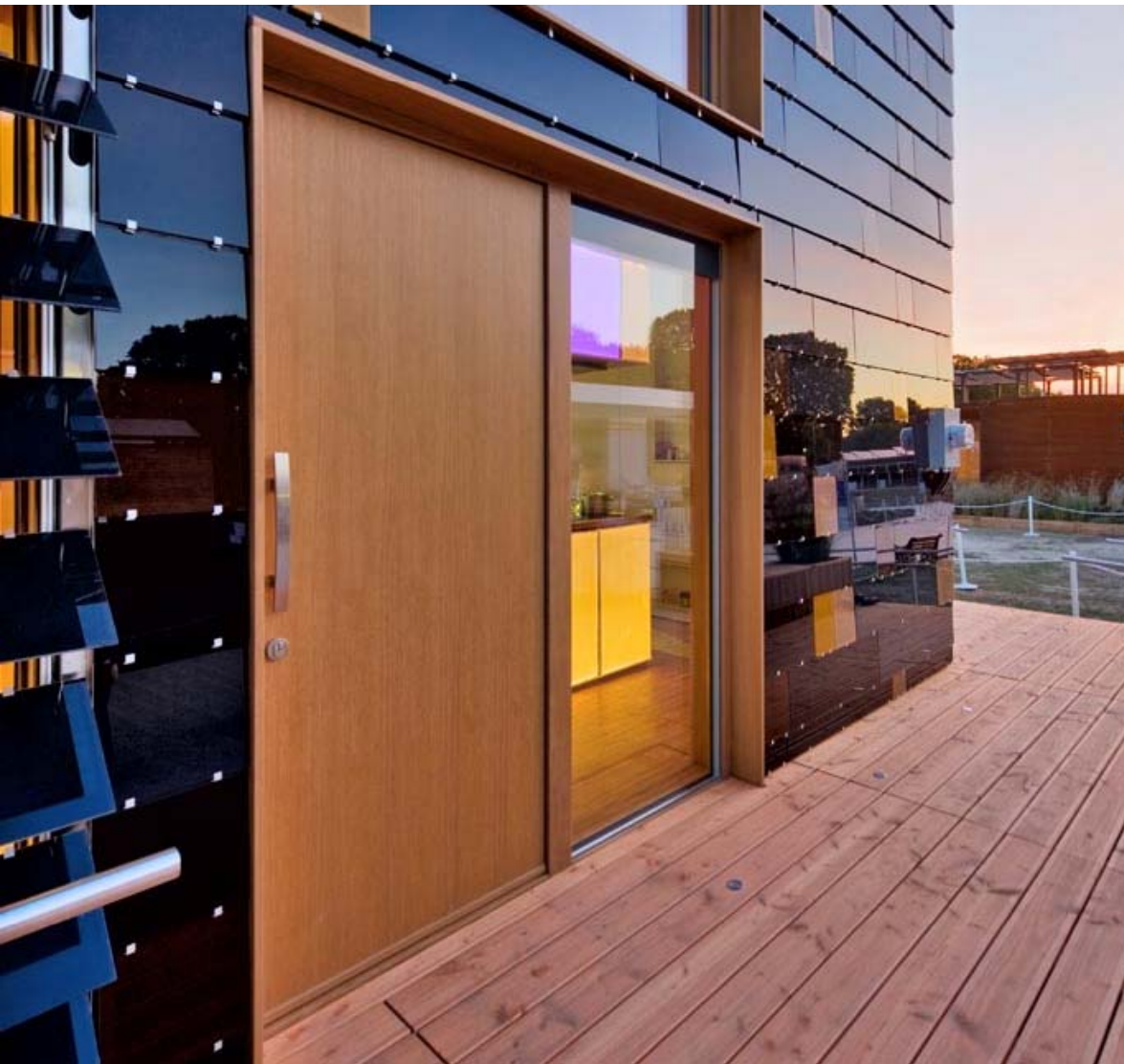
- The Solar Decathlon joins 20 international college and university teams in a competition to design, build, and operate the most attractive and energy-efficient solar-powered house.
- TEAM GERMANY's house produced 2,7 times the energy it consumed during the 14 day competition (including 6 days of bad weather).
- This has been possible through an superinsulated building envelope.
- Installed Window System: ENERGATE



SOLAR DECATHLON 2009



SOLAR DECATHLON 2009



- **MIST**
MASDAR INSTITUTE
OF SIENCE AND
TECHNOLOGY
- **ABU DHABI / UAE**
- **ARCHITECT:**
FOSTER+PARTNER
- **Installed Window**
System: ENERGATE





ENERGATE Edition MASDAR Production of straight windows



ENERGATE Edition MASDAR Production of curved windows







WWW.ENERGATE.COM