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 $u_w = 0,60 \, W/m^2K$
Windows Northside $u_w = 0,32 \, W/m^2K$
• 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
• 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 SCIENCE AND
TECHNOLOGY

• ABU DHABI / UAE

• ARCHITECT:
FOSTER+PARTNER

• Installed Window
System: ENERGATE
ENERGATE Edition MASDAR
Production of straight windows