

## EUROPEAN ENERGY AVANTGARDE

Initiative for International Collaboration, Competition and Excellence in Energy Technologies

Presentation and Panel Discussion at Villa Solar Madrid,  
25 September 2012, 18:00

Since earliest times, human beings have been aware of their skills of both collaborating and competing. Competition is a “basic human principle”. In economic, technological, sporting and military fields, it has been a key-driver of all further development.

Going back to the ancient Greek world, the Olympic Games and the Olympic values of “**Excellence, Respect and Friendship**” are the most prominent examples, showing how competition also serves for the development of a worldwide social network promoting peaceful coexistence.

The international student competition “Solar Decathlon” invokes this spirit by giving young people the opportunity to demonstrate experimental buildings with sophisticated designs. The proliferation of Solar Decathlon events in different continents, however, will in the long-term not serve to establish a manageable international format. In particular, the urban context is not addressed sufficiently.

In the history of architecture, it was at the beginning of the 20th century when competitive exhibitions became relevant for a new definition of architecture and building-related technology. The Arts and Crafts movement in UK, the Werkbund (Weissenhof Estate 1927) and the Bauhaus school (Dessau 1926) created what today we still call ‘modern architecture’. Neither the “Solar Decathlon” nor the “Internationale Bauausstellung”, to name but two examples, have had a comparable impact.

Bearing in mind that the “**Declaration of Madrid 2010**” outlined the need for a European initiative, the European Energy Avantgarde plans to go a step further.

The event provides information about ongoing activities in Germany and the panel will discuss the **Energy Avantgarde** as a new approach for international competitions.

# Solar Decathlon meets Energy Avantgarde

## Follow-up to the "Declaration of Madrid 2010"

Madrid, Casa de Campo: Villa Solar

25 September 2012

### Agenda

18:00 **Welcome**

**Carolina Probst**  
German Embassy in Madrid

18:10 **Introduction**

**Moderation** **Karsten Voss**  
University of Wuppertal, Germany

**SD Evolution in the USA** **Richard King (15')**  
Director Solar Decathlon, US Department of Energy

**SDE Evolution in Europe** **Javier Serra (15')**  
Ministerio de Fomento

**European Energy Avantgarde** **Markus Kratz (20')**  
Forschungszentrum Jülich GmbH, Germany

19:00 **Panel discussion: From Solar Decathlon to Energy Avantgarde**

**Sven Dammann** EC Directorate Energy  
**Sergio Vega** Universidad Politécnica de Madrid, Spain  
**Bruno Mesureur** Centre Scientifique et Technique du Bâtiment, France  
**José Manuel Paez** Universidad Politécnica de Madrid, Spain  
**Philip Oswald** Bauhaus Dessau Foundation, Germany

20:30 **Conclusion**

**Manfred Hegger** Technische Universität Darmstadt, Germany

20:45 **Reception**