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On-the-fly alterable thin-film modules for design driven applications

The SolarDesign consortium is delighted to bring to your attention the latest news about SolarDesign Project and Photovoltaics.

The vision to use Photovoltaics as a decentralized and sustainable source of energy in their products is shared by thousands of designers, architects and manufacturers world-wide.

Nowadays the development of photovoltaic modules is still primarily driven by the idea of economies of scales which leads to unvaried PV modules that are only good for large-area installations. These photovoltaic modules are not suitable for the integration into building skins, roof tiles or electric devices because of their rigidity and their electrical constraints.

The challenge SolarDesign Project addresses these obstacles by the development of novel solar cell materials, manufacturing processes and supportive actions to improve communication in the design value chain by:

- Development of a novel monolithic interconnection process for thin-film solar cells.
- Optimized designs of PV cells and modules for different application fields.
- Exploration of associated necessary adaptations of involved materials and process parameters.
- Demonstration of the novel PV material in design driven prototypes ranging from solar charged mobile devices, solar lighting, Building Integrated PV to full integration in smart textiles.

NEWS and EVENTS

Finally, we are pleased to inform you about the latest news and events related to SolarDesign Project and Photovoltaics:

- **SolarDesign Project Kick-Off Meeting** took place last 31st of January in Vienna, at the Institute of Sensor And Actuator Systems, Vienna University of Technology. With the aim of giving the go-ahead to the project, the kick-off meeting allowed the different partners a first contact mainly focusing on the organization of the different activities planned for the next six month.
[More information here.](#)
- **Second Consortium and Steering Board Meeting** took place on the 12th and 13th of June in Bilbao, at Deusto University. SolarDesign partners had also the pleasure to meet and share ideas with Mr. Paul Lemmens, Project Technical Adviser.
[More information here.](#)
- SolarDesign was presented by Mr. W. Brenner, from Vienna University of Technology, at the **European Conference on SMEs and Standardization**, which took place on 28th of May 2013 in Brussels.
[More information here.](#)
- SolarDesign Project in **EuronanoForum 2013**. Noemi Severino, as a delegate of the Vienna University of Technology (TUW), participated in the EuroNanoForum 2013 from 18th to 20th of June in Dublin.
[More information here.](#)
- SolarDesign Project participated on the 24th of June in the **First Artemis CoIE Workshop**, being presented as one of the examples on how to scale up from projects to products and services, main aim of the event. The event organized by GAIA together with ARTEMIS took place at Deusto University in Bilbao.
[More information here.](#)

UPCOMING EVENTS

SolarDesign 3rd Project Meeting will take place in December 2013 at the Commissariat à l'énergie atomique et aux énergies alternatives (CEA) France.

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