

# SMART-A

## Workshop Announcement

### The Contribution of Domestic Appliances to the Integration of Renewables and DER

9 December 2008, 14.00 – 18.00  
Nice (France)



The project “Smart Domestic Appliances in Sustainable Energy Systems (Smart-A)” develops strategies showing how an intelligent operation of domestic appliances can contribute to load management in future energy systems. In order to do this, the project evaluates the options for load-shifting by a variety of appliances across Europe and compares these with the requirements from energy systems both on the supra-regional and the local level.

The Smart-A project also features a detailed survey of the user acceptance of smart appliances operation, and an evaluation of the usability of available control technologies and communication standards. The overall potential of smart appliances is assessed based on a model which takes into account the variations of appliance use and the framework conditions in energy systems across Europe.

This workshop is an official pre-workshop of the *3rd International Conference on Integration of Renewable and Distributed Energy Resources* (see the [conference website](#)), which takes place from 10-12 December 2008 in Nice. It is also the first public discussion of results from the Smart-A project.

Workshop participants will receive presentations on the potential synergies that arise from coordinating energy demand of domestic appliances with local sustainable energy generation and with the future requirements of load management in electricity networks. An in-depth analysis of the options for load-shifting by a variety of appliances across Europe and an assessment of the user acceptance of smart appliances operation will be presented. Based on model simulations, the potential contribution of load management by smart appliances to integrating high shares of Renewables and DER into both the electricity system and local energy systems will be demonstrated.

#### Venue:

Palais de la Méditerranée, Nice (France), Room “Bossa Nova”.  
<http://palais.concorde-hotels.com/en/destination/destination.aspx>

#### How to register:

Participation in the workshop is free of charge, but registration is required by E-Mail to [l.becker@oeko.de](mailto:l.becker@oeko.de) until 28. November 2008.

More information can be found on the project website:  
<http://www.smart-a.org>.



The Smart-A project is supported by the Intelligent Energy Europe programme of the European Commission

Intelligent Energy  Europe

WWW.SMART-A.ORG

## The Contribution of Domestic Appliances to the Integration of Renewables and DER

Pre-conference Workshop to the  
“3<sup>rd</sup> International Conference on Integration of Renewable and Distributed Energy Resources”

9 December 2008, 14.00 – 18.00, Palais de la Mediterranée, Room “Bossa Nova”

**Address:** 13-15, Promenade des Anglais - BP 1655, 06000 Nice (France)

<http://palais.concorde-hotels.com/en/destination/destination.aspx>

### Agenda (Draft)

Time		Presenter
14:00	Welcome and Introduction to the Workshop	C. Timpe, Öko-Institut
14:15	The Challenge of Integrating Renewables and DER and the Smart Appliances Concept	C. Timpe, Öko-Institut
14:30	The Potential of Smart Appliances Operation	H. Jungbecker, University of Bonn
15:00	Will Consumers Accept the Smart Operation of Appliances?	W. Mert, IFZ Graz
15:30	Discussion	
15:45	Coffee break	
16:00	How Smart Appliances Can Help to Optimise the Local Use of DER	C. Möllering, Enervision
16:30	The Value of Smart Appliances in Stressed Electricity Systems	V. Silva, Imperial College
17:00	Results from stakeholder discussions on the Smart Appliances concept	H. Frey, EnBW AG
17:15	Reactions by participants and discussion	
17:45	Conclusions and end	C. Timpe, Öko-Institut
18.00	Close of the workshop	