APEC Project on Smart Appliance standards – led by Australia

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Project Title:

- **EWG 01 2011T** - Engagement by APEC Economies in International ‘Smart Appliance’ Standards for Air Conditioners and Other Appliances.

The players

- Australia is leading the project and
- USA, Chinese Taipei, New Zealand, Japan have co-sponsored the project.

Aims of this project are to :

- engage APEC economies in the development of ‘Smart Appliance’ Standards for Air Conditioners and Other Appliances with a particular emphasis on international standards processes; and

- promote international harmonisation of standards for smart appliances.

Workshop on smart appliance standards

- Two day workshop focused on information sharing to enable involvement of APEC stakeholders with current developments in standards for ‘smart’ appliances.

- This includes the national standards,as well as International Electrotechnical Commission (IEC) and International Standards Organisation (ISO) work.

- The Workshop will run from 10 -11 November immediately after this EGEE&C meeting in this same venue.

The specific goals of the workshop are to:

1. Inform stakeholders from the APEC region about economy-specific and international standards developments for “smart appliances”; and

2. Identify specific technical issues, barriers and opportunities to promote greater engagement of stakeholders from APEC economies in the IEC and ISO international standards work on smart appliances.

Progress to date

- There has been very strong interest in the topic and the workshop
- About 40 people from at least 10 economies will participate in this week's workshop
- A short discussion paper and an agenda have been circulated to those who have registered
- It is not too late to register if you are interested

State of play with smart appliance standards in Australia

- The Australian Government's energy efficiency program is looking at how demand response (DR) interfaces could be built into some appliances to turn them into *smart appliances.*
- Focus is on household appliances with largest contribution to peak loads (present and projected):
  - Air conditioners
  - Electric and electric-boosted water heaters
  - Swimming pool pumps
  - Electric vehicle battery re-chargers.
- We are developing Standards and analysing benefits of making it mandatory to sell appliances with DR interfaces