APEC Expert Group on Energy Efficiency and Conservation (EGEE&C)

Terry Collins, EGEE&C Chair

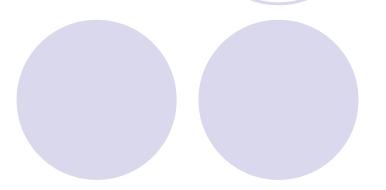
38th Meeting of the Expert Group on New & Renewable Energy Technologies (EGNRET)
Wellington, New Zealand
18-20 June 2012



Outline of this presentation

- Mission & Objectives of EGEE&C
- 2. Current activities
- Collaboration with EGNRET
- 4. Common ground with other fora

1 Mission & Objectives of EGEE&C





Mission

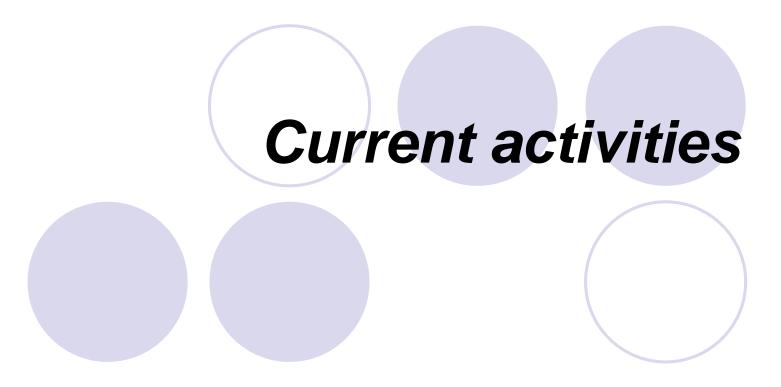
 to advance economic and social wellbeing, and to realize environmental benefits in the Asia-Pacific region through energy conservation and the application of energy-efficiency practices and technologies

Objectives

- assist in achieving energy security and securing adequate & affordable energy services
- advance the application of demonstrated energy-efficiency practices & technologies
- assist in developing & enhancing trade in energy efficient products and services between APEC member economies

Objectives

- contribute to the international effort to reduce the adverse impacts of energy production and consumption upon our global environment
- improve member economies' analytical, technical, operational and policy capacity for energy efficiency & conservation



EGEE&C Meetings in 2012

- 39th Meeting was held on 27-28 February 2012 in Sydney, Australia
 - Participating economies included: Australia, China, Hong Kong, Indonesia, Japan, Korea, New Zealand, Singapore, Chinese Taipei, Thailand, US, Vietnam
- 40th Meeting will be held on 8-9 November 2012 in Taipei, Chinese Taipei

Energy Standards Information System (ESIS) - http://www.apec-esis.org/



Energy Standards Information System

APEC Economies

How to find global standards and labeling information on APEC Economies:

Click on economy below to access a detailed view of Standards and Labeling Programs.

Australia Brunei Darussalam Canada

Chile China (PRC) Chinese Taipei (Taiwan)

Hong Kong Indonesia Japan

Korea (ROK) Malaysia Mexico

New Zealand Papua New Guinea Peru

Philippines Russia Singapore

Thailand United States Vietnam



Collaborative Assessment of Standards and Testing (CAST)

- US-funded 5-year initiative to promote harmonized test procedures & aligned standards & labelling in APEC economies
- 2012 projects for Heat Pump Water Heaters
 (Australia, Korea & the International Copper
 Assn ICA) and Electric Motor Repairs
 (China & the ICA)
- Enables EGEE&C to link with similar projects under the Super Efficient Appliance Deployment (SEAD) initiative (of the Clean Energy Ministerial)

Economic Cooperation

APEC-funded projects

- EWG 07/2010A Market Compliance Mechanisms for Energy Efficiency Programs (US)
- survey of strategies used by APEC economies to monitor market compliance with energyefficiency standards and labelling programs for consumer appliances and office equipment
- Workshop to discuss findings and recommendations - Beijing 14-15 June 2012

APEC-funded projects

- EWG 01 2011T Engagement by APEC Economies in International Smart Appliance Standards for Air Conditioners and Other Appliances (Australia)
- Facilitate the development of common communication protocols to help promote the uptake of smart appliances and prevent barriers to trade
- Workshop held alongside EGEE&C 38 in Seoul, Korea, November 2011

APEC-funded projects

- EWG 08 2012 Urban Development Smart Grid Roadmap: Christchurch Recovery Project (New Zealand)
- provide lessons and a replicable framework for other economies assessing the benefits of smart-grids in significant urban development projects
- Joint EGNRET/EGEE&C project

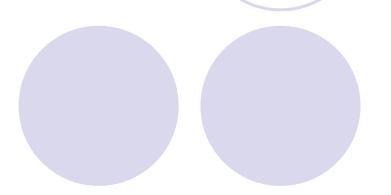
Current APEC project proposals

- APEC Distribution Transformers Survey: Estimate of Energy Savings Potential from Increase in MEPS (China)
- APEC-ASEAN Harmonization Energy Efficiency Standards for Air Conditioners: Phase 1
- Workshop to support the development of national lighting design centers in the APEC region
- Energy Saving Window Thermal Performance Simulation Training (Thailand)

APEC Expert Group on Energy Efficiency and Conservation (EGEE&C)
Under the APEC Energy Working Group

Economic Cooperation

Common ground with other fora





The EGEE&C is linked to:

- APERC (Asia Pacific Energy Research Center)
- EGEDA (APEC Expert Group on Energy Data & Analysis)
- EGNRET (APEC Expert Group on New & Renewable Energy Technologies)
- CTI EGS Work Program (APEC Committee on Trade and Investment's Environmental Goods and Services Work Program)
- ICA (International Copper Association)
- SCSC (APEC Sub Committee on Standards and Conformance)



Thank You! http://www.apec-esis.org/ http://www.egeec.apec.org/