

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

***Terry Collins, EGEE&C Chair***

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



Asia-Pacific  
Economic Cooperation

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Under the APEC Energy Working Group

# Outline of this presentation

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



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# 1 *Mission & Objectives of EGEE&C*



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# Mission

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



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# 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



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# 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**



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# ***Current activities***



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# EGEE&C Meetings in 2012

- 39<sup>th</sup> 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
- 40<sup>th</sup> Meeting will be held on 8-9 November 2012 in Taipei, Chinese Taipei



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# 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

Chile

Hong Kong

Korea (ROK)

New Zealand

Philippines

Thailand

Brunei Darussalam

China (PRC)

Indonesia

Malaysia

Papua New Guinea

Russia

United States

Canada

Chinese Taipei (Taiwan)

Japan

Mexico

Peru

Singapore

Vietnam



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# 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)



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# 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 energy-efficiency standards and labelling programs for consumer appliances and office equipment
- Workshop to discuss findings and recommendations - Beijing 14-15 June 2012



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# 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



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# 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



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# 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)



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# *Common ground with other fora*



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The EGEE&C is linked to:

- **APEREC** (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)



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***Thank You!***

***<http://www.apec-esis.org/>***

***<http://www.egeec.apec.org/>***



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