



**Asia-Pacific
Economic Cooperation**

APEC Expert Group on Energy Efficiency & Conservation

Overview

February 2010

EGEE&C 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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EGEE&C Objectives

1. assist in achieving energy security and securing adequate and affordable energy services in support of basic human needs and continued economic growth;
2. advance the application of demonstrated energy-efficiency practices and technologies in appropriate regional end-use sectors (residential, commercial, industrial, agricultural, transportation, etc);

EGEE&C Objectives

3. assist in developing and enhancing trade between APEC member economies energy in products and services and energy-efficiency practices and technologies;
4. contribute to the international effort to reduce the adverse impacts of energy production and consumption upon our global environment;
5. improve the analytical, technical, operational and policy capacity for energy efficiency and conservation within member economies.



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Leaders statement 2009

We recall our Declaration on Climate Change, Energy Security and Clean Development in Sydney in 2007, which set out an APEC-wide aspirational target of reducing energy intensity by at least 25 percent by 2030.

(2005 as base year)



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Leaders statement 2009

“A key thrust in APEC's sustainable growth agenda is the APEC Environmental Goods and Services (EGS) Work Programme...”

- support sustainable growth in the region
- increase utilisation and dissemination of EGS
- reduce existing barriers and avoid new barriers to trade and investment in EGS
- enhance capabilities of economies to develop their EGS sectors

(EGEE&C work with SCSC MAG & EGNRET)



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Current/recent EGEE&C projects

- Methodologies to measure industrial energy efficiency Building Codes: how to ensure they are implemented
- Energy-Saving Windows: Window and Glazing Technology
- Cool Roofs in APEC Economies

Current Project Proposals

- **Harmonisation of LED Standards**
- **Market Compliance Mechanisms for Energy Efficiency Programs**
- **Street & Outdoor LED Lighting Initiative - Asia (SOLLIA)**
- **Energy, Transport & Environmental Benefits of Bus Rapid Transit**
- **Energy, Transport & Environmental Benefits of Transit Oriented Development**



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Current project proposals

- **Energy, Transport & Environmental Benefits of Intermodal Freight Transport**
- **Reducing Trade Barriers for Environmental Goods & Services (Energy Efficient Products)**
- **Best Practices in Energy Efficiency & Renewable Energy Technologies in the Industrial Sector in APEC Region (EGNRET/EGEEC)**
- **The APEC training/workshop on Energy Services Company (ESCO)**



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Current/recent projects

- Energy & Water Efficiency in Water Supply
- Alignment of national standby power structures
- Harmonization of Energy Management Standards in APEC Region
- Seasonal Energy Efficiency (SEER) workshop
- Energy Standards Information System



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APEC ESIS

Energy Standards Information System

Asia-Pacific Economic Cooperation (APEC)

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View APEC Region

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Quick Fact

Standby losses account for roughly 5% of U.S. residential energy use
 Many idle electronics - TVs, VCRs, DVD and CD players, cordless phones, microwaves - use energy even when switched off to keep display clocks lit and memory chips and remote controls working. Nationally, these energy "vampires" cost consumers more than \$3 billion annually
 Source: Lawrence Berkeley National Laboratory and quoted in Alliance's PowerSmart booklet [read more...](#)

What's New



Georgia Energy Efficiency Appliance Rebate Program Starting February 12, 2010

Georgia residents can get rebates of up to \$199 on energy efficient appliances that carry the manufacturer's ENERGY STAR label. The program

- ### APEC
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 - ▣ [APEC Expert Group on Energy Efficiency and Conservation \(EGEE&C\)](#)

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