

APEC Expert Group on  
New and Renewable Energy Technologies

Welcome to EGNRET 37



Asia-Pacific  
Economic Cooperation  
**EGNRET**

**EGNRET 37** *Taipei, Chinese Taipei* 22 - 26 August, 2011

# Recent APEC Activities

August 22, 2011 11:00-11:30

Tom, H. T. Lee, Dr Eng



Asia-Pacific  
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# Review of EGNRET 36



## ■ EGNRET 36: Feb 28- Mar 4, 2011, Washington, DC, USA

- Joint Meeting with the Expert Group on Energy Efficiency & Conservation (EGEE&C)
- Meeting Theme: New and Renewable Energies in Transportation (i.e., EVs and alternative fuels)
- A conference on Green Buildings and Green Growth: the Enabling Role of Standards and Trade held by the APEC Subcommittee on Standards and Conformance (SCSC)
- Meeting documents are available on the EGNRET website: <http://www.egnret.ewg.apec.org/meetings/engret36/index.html>

## ■ EGNRET/EGEE&C Joint Meeting Outcomes: Action Plan

**ACTION 1:** Thailand representative will update and resubmit concept note for energy efficiency and renewable energy best practices in the industrial sector. Thailand will seek funding opportunities from ICA and amend concept note as necessary.

**ACTION 2:** EWG was instructed by energy ministers under EMM9 to start an APEC Smart Grid Initiative (ASGI). Therefore, Expert Groups seek expressions of interest from economies in sponsoring projects for:

- survey of load pattern of households
- energy storage systems for the residential sector
- electric vehicle charging

## ■ EGNRET/EGEE&C Joint Meeting Outcomes: Action Plan

**ACTION 3:** Expert Group secretariats will circulate concept note for demand response capabilities in appliance to expert group members to seek approval to adopt the proposal as a joint EGNRET/EGEE&C project.

**ACTION 4:** Expert group members are asked to identify possible contacts from their economies to participate in smart grid activities under the Energy Smart Communities Initiative (ESCI).

**ACTION 5:** Request agenda item for EWG meeting in May to discuss how to deliver work for the smart grid initiative (in response to energy ministers' instructions under EMM9).

# EWG Activities Since EGNRET 36



## ■ EWG 41: 9-13 May, 2011, Vancouver, Canada

### Program

- Expert Group & Task Force Chairs and APERC meeting
- APERC Workshop
- Energy Trade and Investment Task Force (ETITF) Meeting
- Low Carbon Model Town (LCMT) Task Force Meeting
- Draft Session Energy and Transportation Meeting
- Unconventional Gas Workshop
- 41st Meeting of the APEC EWG

**Meeting Documents:** [aimp.apec.org/MDDDB/Pages/search.aspx](http://aimp.apec.org/MDDDB/Pages/search.aspx) (EWG41 only)

**Summary Record:** [www.ewg.apec.org](http://www.ewg.apec.org)

# EWG Activities Since EGNRET 36



## ■ EWG 41: 9-13 May, 2011, Vancouver, Canada

**Draft Action Agenda to Move APEC toward  
a Low-energy, Low-carbon Sustainable Transport Future**

**APEC Ministerial Conference on Transportation and Energy**

- 1. Transportation's Role in a Clean-energy Future**
- 2. Energy and Transport Systems for Livable Low-carbon Communities**
- 3. Powering Low-carbon Transport**
- 4. Greening the Supply Chain: Energy- Efficient Freight Transportation**

# EWG Activities Since EGNRET 36



## ■ EWG 41: 9-13 May, 2011, Vancouver, Canada

The BMC has given final approval to fund eight EWG projects:

- EWG 01 2011T – Engagement by APEC Economics in International “Smart Appliance” Standards for Air Conditioners and Other Appliances
- EWG 02 2011 – APEC Peer Review on Energy Efficiency (PREE), Phase 3
- EWG 03 2011A – APEC Cooperative Energy Efficiency Design for Sustainability (CEEDS) Phase 3
- EWG 04 2011A – APEC Peer Review on Low-Carbon Energy Policies (PRLCE) Phase 1
- EWG 05 2011A – APEC Workshop on Energy and Green Transport Benefits of Electric Vehicles
- EWG 06 2011A – APEC Low-Carbon Model Town (LCMT) Forum
- **EWG 07 2011A – Addressing Challenges of AMI Deployment in APEC (EGNRET)**
- EWG 09 2011A – Renewable Energy Resources in Electricity Markets: Goals and Conditions for Providing Sustainable Development



# EWG Activities Since EGNRET 36



## ■ EWG 41: 9-13 May, 2011, Vancouver, Canada

**Projects endorsed by EWG for consideration in the second round of the 2011 APEC budget process:**

- Operation of APEC Energy Database and Analysis
- Stock-take of Electric Vehicle Interface with Electricity and Smart Grids across APEC economies and the Potential for Harmonization
- APEC Unconventional Gas Census
- Workshop on Low-Emission Development Strategies (LEDS) for APEC Economies with a Focus on Energy and Transport
- Energy Performance Evaluation Methodology Development and Promotion in APEC Economies

# EWG Activities Since EGNRET 36



## ■ EWG 41: 9-13 May, 2011, Vancouver, Canada

### Concluding Business

- Chinese Taipei announced EWG<sub>42</sub> will be held at Kaohsiung, Chinese Taipei, at the Ambassador Hotel Kaohsiung from 17-21 October 2011. EWG<sub>42</sub> will be immediately preceded by LED lighting and PV workshops in Taipei, Chinese Taipei, from 12-14 October 2011.
- Hong Kong, China expressed its gratitude to Chinese Taipei for hosting and added its welcome to the electric vehicles workshop it is organizing in Hong Kong on 24-25 October 2011.
- The Lead Shepherd, in accordance with SOM rules, proposed Russia as the Deputy Lead Shepherd. Russia expressed its gratitude and announced that it will host the tenth APEC Energy Ministers Meeting (EMM-10) in Saint Petersburg, Russia in June 2012.

# Upcoming EWG Activities



Asia-Pacific  
Economic Cooperation

2011.9.11-12	Low Emissions Development Strategies (LEDS) Workshop	USA
<b>2011.9.13</b>	<b>Transportation &amp; Energy Ministerial Conf.</b>	<b>USA</b>
2011.9.14-16	APEREC CEEDS Workshop on Clean and Efficient Urban Transport	USA
2011.10.12-13	APEC Workshop for LED Lighting Technologies and Applications	Chinese Taipei
2011.10.15-16	APEC Conference on Trade Impacts of Standards and Conformity Assessment For Solar Technologies	USA
2011.10.13-14	APEC Photovoltaic Conference on Promotion Strategy and Technology Development	Chinese Taipei
<b>2011.10.17-21</b>	<b>APEC EWG 42</b>	<b>Chinese Taipei</b>
2011.10.24-26	APEC Workshop - Energy and Green Transport Benefits of Electric Vehicles	Hong Kong, China

# Thank you for your attention!



**EGNRET website: <http://www.egnret.ewg.apec.org/>**

A screenshot of the EGNRET website homepage. The header includes the APEC logo and the text 'APEC Energy Working Group' and 'EXPERT GROUP ON NEW AND RENEWABLE ENERGY TECHNOLOGIES'. A navigation menu lists 'Home', 'Representatives', 'Projects', 'Meetings', 'Workshops', 'Reports', 'Publications', and 'Reference'. The main content area features a large 'WELCOME' text, a welcome message, and a description of the group's mission. Below this are three image-based sections: 'News' (water splash), 'Meetings' (wind turbines), and 'Contacts' (combine harvester). The footer contains copyright information and hosting details.

APEC Energy Working Group  
EXPERT GROUP ON NEW AND RENEWABLE ENERGY TECHNOLOGIES

Home Representatives Projects Meetings Workshops Reports Publications Reference

**WELCOME**

Welcome to the official website of the APEC Expert Group on New and Renewable Energy Technologies (EGNRET)

The EGNRET has been established by - and reports - to the APEC Energy Working Group (EWG)

The mission of the EGNRET is to facilitate an increase in the use of new and renewable energy technologies in the APEC region

**News** **Meetings** **Contacts**

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