

APEC Expert Group on  
New and Renewable Energy Technologies

Welcome to EGNRET 39



Asia-Pacific  
Economic Cooperation  
**EGNRET**

**EGNRET 39**

*Shanghai, China* 11 - 14 December, 2012

# Recent APEC Activities

December 11, 2012 09:50-10:30

Tom, H. T. Lee, Dr Eng



Asia-Pacific  
Economic Cooperation

**EGNRET**

# Review of EGNRET 38



## ■ EGNRET 38: June 18 to 20, 2012 in Wellington, New Zealand

- The APEC Electric Vehicle Connectivity Workshop 2012 was held alongside the meeting
- Meeting Theme: Update of Financial Incentives for Promoting New and Renewable Energy in APEC Member Economies
- Invited presentations: PRLCE, LCMT, BTF, ICA, and EGEE&C
- 8 on-going projects
- 5 new project CNs received BMC in-principle approval for Session 3, 2012. Full proposals must be submitted by 9 Nov., 2012. **2 of them have been approved for APEC funding by BMC last week.**
- A new self-funded project proposals for endorsement at EWG 44

# APEC Activities Since EGNRET 38



Asia-Pacific  
Economic Cooperation

2012.6.24-25	10th Energy Ministerial Meeting (EMM 10)	Russia
2012.9.7-8	20th Leaders' Meeting 2012	Russia
2012. 11.5-9	EWG 44	USA

10th APEC ENERGY MINISTERIAL MEETING (2012)

**St. Petersburg Declaration**  
**Energy Security: Challenges and Strategic Choices**

**Declaration Addresses New and Renewable Energy**

- Working to increase the share of natural gas in the energy mix, develop renewable energy sources, ensure the safe and secure use of nuclear energy in interested economies, and boost energy end-use efficiency.
- Promote a lower-carbon economy that strengthens energy security and generates new sources of economic growth, and helps achieve the aspirational goal to reduce aggregate energy intensity of APEC economies by 45% from 2005 levels by 2035.



**10th APEC ENERGY MINISTERIAL MEETING (2012)**

**St. Petersburg Declaration  
Energy Security: Challenges and Strategic Choices**

**INSTRUCTIONS related to EGNRET**

[No. 2] Request that the EWG, supported by APERC, EGEDA, EGEEC and EGNRET *conduct research to develop an Energy Intensity Action Agenda to help meet the aspirational goal to reduce aggregate energy intensity of APEC economies by 45% from 2005 levels by 2035.*

# APEC Business Advisory Council (ABAC)

## Letter to EMM 10



ABAC supports a multi-pronged approach to energy security, including the (1) expansion of energy conservation efforts, (2) promotion of clean and renewable energy sources, (3) increase use of natural gas, (4) increase in energy productivity, and (5) cooperation on nuclear energy safety:

- Expand the exchange of best practices, harmonize standards of measurements and evaluation, support technology transfers.
- Reduce barriers to cross-border energy investment and trade.
- Addressing market distorting policies is an important step to increase investor confidence and support energy diversification.
- Identify a list of goods and services that “directly and positively contribute to green growth and sustainable development objectives”.
- ABAC supports the proactive application of the *Living cities* principles and further demonstration projects which achieve this goal.
- Develop ways to increase the safe exploration, evaluation and production of unconventional gas.

# Leaders' Meeting 2012



The theme of Leaders' Meeting 2012 in Russia (2012.9.7-8)

Addressing Challenges. Expanding Possibilities.

## > APEC 2012 Priorities <

- Expanding trade and investment liberalization, and expanding regional economic integration
- Strengthening food security
- Establishing reliable supply chains
- Fostering innovative growth





# 2012 Leaders' Declaration



## Strengthening APEC Energy Security

- Sustainability, efficiency, predictability, and transparency of energy markets.
- Increasing the share of natural gas in the energy mix.
- Shale gas: Production, trade potential and environmental impact.
- Promote steady investment in energy infrastructure.
- Improve the response to oil and gas emergency situations.
- Safe and secure use of nuclear energy as a clean energy source.
- Cooperation with international organizations on nuclear issues.
- Promote low-emission energy supply.
- Innovation Technology Dialogue “Nanotechnology for Energy Efficiency”.
- Implement the APEC Transportation & Energy Ministerial Conference Action Agenda.
- Rationalize and phase out inefficient fossil-fuel subsidies.
- APEC's aggregate energy intensity by 45 per cent by 2035.

# 2012 Leaders' Declaration



## Promoting Green Growth

- Commitment on trade and environmental matters.
- Improving energy efficiency.
- **New automotive technologies, such as electric vehicles.**
- **To improve safety and reducing traffic congestion and emissions.**
- **Diffusion of advanced technology and alternative-fueled motor vehicles.**

## Some findings at EWG 44

- 9 Concept Notes approved in-principle in Session 3, 2012.  
(5 CNs were proposed by EGNRET)
- APEC Industrial Science and Technology Working Group (ISTWG) transformed into the Policy Partnership on Science, Technology, and Innovation (PPSTI) in August, 2012. However, The projects proposed by PPSTI something overlapped EWG's projects. The EWG Lead Shepherd will communicate with PPSTI. The PPSTI emphasized they will focuses more on private sectors.
- It should be noted that the price of shale gas decreases sharply in the US, even lower than coal. It is expected that the energy market will be fluctuated.

# 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, Reference. The main content area features a large 'WELCOME' text, a welcome message, and a description of the group's mission. A large image of a sunset is on the right. Below are three columns: 'News' with a water splash image, 'Meetings' with a wind turbine image, and 'Contacts' with a combine harvester image. 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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