

APEC Expert Group on
New and Renewable Energy Technologies

Welcome to EGNRET 44



Asia-Pacific
Economic Cooperation
EGNRET

EGNRET 44

Laoag, Ilocos Norte, The Philippines 13-14 April, 2015

Recent APEC Activities

April 13, 2015

Dr. Chung-Hsien Chen



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■ EGNRET 43: Nov. 12-13, 2014 in Chiang Mai, Thailand

- Meeting Theme: Economy Renewable Energy Projections Through 2030 and Strategy in Supporting the New Renewable Energy Goal in APEC
 - **Invited presentations:**
 - APERC : APEC Peer Review on Low Carbon Energy Policies (PRLCE)
 - LCMT TF(presented by APERC): Report on Progress of APEC Low-Carbon Model Town Task force
 - EGEDA: APEC Energy Statistics: Issues Related to Monitoring APEC EE and RE Targets
 - ICA: Capacity building for installers and system designers for solar PV rooftop installations – Report on consultation workshop
- Meeting presentations are available on the EGNRET website:**
<http://www.egnret.ewg.apec.org/meetings/egnret43/index.html>

EGNRET 43 Summary



- There were representatives from 10 economies in EGNRET 43.
- Topics discussed in EGNRET 43 meeting:
 - **Role of EGNRET Toward the Doubling Renewable Energy Goal in APEC Region**
 - Chair Election for the Next Term (2015 ~ 2016)
 - Chair: Chinese Taipei
 - Vice Chair: Korea

EGNRET 43 Summary



- Role of EGNRET Toward the Doubling Renewable Energy Goal in APEC Region
- The discussion was mainly focused on issues:
 - Total Primary Energy Supply (TPES) or Total Final Energy Consumption (TFEC) is possible for the calculation, depend on the major concern in promoting renewable energy.
 - Monitor system and report mechanism will be the important issues in future
 - Financial mechanism is needed for private sector to make the contribution to the implementation of renewable energy.
 - Discussion about Hydrogen and Hydros definition
 - EGNRET will encourage the proposal based on the identified priority in order to remove the barrier and speed up the implementation of renewable energy.

Group photo of EGNRET 43 in Chiang Mai



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APEC Activities Since EGNRET 43



17 - 22 Nov 2014	48th Energy Working Group Meeting	Papua New Guinea
22-26 June, 2015	49th Energy Working Group Meeting (EWG 49)	Gyeongju, Korea
12-14 October 2015	the 12th Energy Ministerial Meeting (EMM 12)	Cebu, The Philippines
18-19 November 2015	APEC Economic Leaders' Meeting (AELM)	Manila, The Philippines
2nd Semester 2015	50th Energy Working Group Meeting (EWG 50)	Mexico

EWG 48 Summary



- Report from APEC Secretariat by Mr. Jonghan Park, EWG Program Director at the APEC Secretariat
 - 44 of 99 concept notes were approved last year with an average cost of \$150K per project.
 - To redirect unused sub-fund to the General Fund (TBC). It may impact the Energy Efficiency Sub-Fund.

EWG 48 - Goal for Doubling RE



- EGNRET highlighted challenges towards the goal of doubling renewable energy – **definition and calculation**
- EWG has defined the renewable energy should exclude traditional biomass and include the standard large hydro.
- **Discussion of the share calculations should be based on primary energy or energy consumption.**
 - should identify the best practices and make the practices available cross the economies. This will be the key to remove barriers to renewable energy and address poverty.
- EGNRET will continue to work with EGEDA, EGEEC, and APERC within APEC, and will reach out to IRENA, IEA and ASEAN to make further progress on this effort.

Develop Cleaner Energy Sources:

- Support the UN Secretary General's SE4ALL initiative by endeavoring to double the share of renewables from 2010 levels in the APEC energy mix, including in power generation, by 2030 and increasing the number and type of renewable energy projects.
- Conduct renewable energy resource assessments to facilitate a thorough understanding of renewable energy resource availability in APEC Member Economies.
- Engage in clean energy technology assessment and related activities to demonstrate the cost-effectiveness of clean energy applications.
- Facilitate improved reliability and stability in the provision of clean energy supply to meet demand.

EWG Proposed Work Plan for 2015



- The EWG plans to accelerate efforts on renewable energy to help meet the new aspirational goal endorsed by the Leaders' in 2014 to double the share of renewable energy in APEC's energy mix by 2030.
- The EWG is developing projects and activities to promote innovation, reduce costs and improve sustainability of renewable energy to support this goal for the APEC region as a whole.
- Specific activities may include capacity building for equipment installers and auditors, helping policymakers set renewable targets and reach their goals, improving data gathering such as resource mapping, conducting a Peer Review on Low Carbon Energy Policies (PRLCE), and other areas to share lessons learned and develop best practices.
- The EWG will seek collaboration with international partners such as the International Renewable Energy Agency (IRENA) and ASEAN to implement a set of new projects.

Current Program Director for EWG



**Ms. Penelope Howarth,
Program Director, APEC Secretariat**

E-mail: ph15@appec.org

Effective 1 April 2015

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 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 'WELCOME' message, a description of the group's mission, and three image-based buttons for 'News', 'Meetings', and 'Contacts'. The footer contains copyright information and hosting details.

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

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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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Meetings

Date	Meeting Number	Meeting Location	Documents
Nov. 12-13, 2014	EGNRET 43	Chiang Mai, Thailand	View documents
April 7-8, 2014	EGNRET 42	Hawaii, USA	View documents
October 14-19, 2013	EGNRET 41	Beijing, China	View documents
April 2-5, 2013	EGNRET 40	Ha Noi, Viet Nam	View documents
December 11-14, 2012	EGNRET 39	Shanghai, China	View documents
June 18- 20, 2012	EGNRET 38	Wellington, New Zealand	View documents
August 22-26, 2011	EGNRET 37	Taipei, Chinese Taipei	View documents
February 28-March 4, 2011	EGNRET 36	Washington, DC, United States	View documents
October 13-15, 2010	EGNRET 35	Tokyo, Japan	View documents
April 26-28, 2010	EGNRET 34	Kuala Lumpur, Malaysia	View documents
October 5-6, 2009	EGNRET 33	Taipei, Chinese Taipei	View documents
April 01-03, 2009	EGNRET 32	Honolulu, Hawaii, USA	View documents
October 14-15, 2008	EGNRET 31	Mexico City, Mexico	View documents
July 14-15, 2008	EGNRET 30	Taipei, Chinese Taipei	View documents
October 22-23, 2007	EGNRET 29	Bangkok, Thailand	View documents
January 29-30, 2007	EGNRET 28	Tokyo, Japan	View documents
October 9-11, 2006	EGNRET 27	Zhuhai, China	View documents
April 3-5, 2006	EGNRET 26	Auckland, New Zealand	View documents
October 31 - November 2, 2005	EGNRET 25	Taipei, Chinese Taipei	View documents
May 17-19, 2005	EGNRET 24	Honolulu, Hawaii	View documents