

**APEC Expert Group on  
New and Renewable Energy Technologies**

**EGNRET Updates**

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**March 28, 2017**



**Asia-Pacific  
Economic Cooperation**

**EGNRET**

**EGNRET 48 & EGEE&C 49 Joint Meeting**

*Jeju, Republic of Korea, Mar. 28-31, 2017*

# Review of EGNRET 46



## EGNRET 46



## EGNRET & EGEE&C Joint Meeting Taichung, Chinese Taipei 11-15 April, 2016

# Review of EGNRET 46



- ◆ **EGNRET 46th Meeting** was held on April 11 to 15, 2016 in Taichung, Chinese Taipei.
- ◆ A site visit to the i3 Travel Project - Low Carbon Tourism and Intelligent Transportation Services in Sun-Moon-Lake (2015 ESCI Annual Best Practices GOLD Award).
- ◆ **Two EGNRET Workshops** were held alongside the EGNRET 46
  - 1) Ethanol Trade Development as Part of APEC's Renewable Fuel Strategy Workshop (US, EWG 12 2015A)
  - 2) APEC Workshop on Developing the Green Energy Smart Farm (Chinese Taipei, EWG 23 2015A)



# Review of EGNRET 47



- **EGNRET 47th meeting and associated event were held on October 10-13, 2016 in Jakarta, Indonesia.**



- ◆ **EGNRET 47 was held on October 10 to 11, 2016.**



- ◆ **An APEC workshop, “2nd Workshop on Developing the Green Energy Smart Farm in APEC Region” (EWG 23 2015A), was held alongside the meeting on October 12-13, 2016**



- ◆ **A site visit to Indonesian PUSPIPTEK (Research Center for Science and Technology) in Banten, Indonesia.**

# Review of EGNRET 47

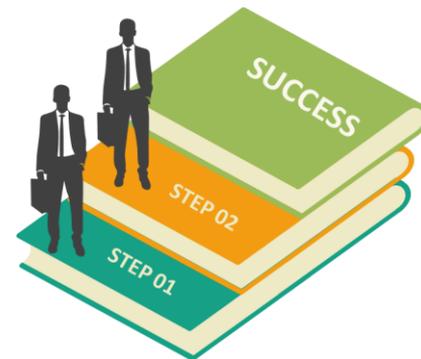


## ■ EGNRET 47

### Two major topics were discussed

#### (1) Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region

- ◆ Renewable energy doubling goal would be reached by aggregate renewable energy development among the APEC economies.
- ◆ It is suggested to measure the cost of developing renewable energy, and underline by different sectors and technologies.
- ◆ Cooperating with EGEDA and APERC, and integrating APEC's energy data to draw the roadmap are proposed.



# Review of EGNRET 47

## ■ EGNRET 47

### Two major topics were discussed

#### (2) Future Cooperation between EGNRET and PPFS



- ◆ EGNRET and PPFS could cooperate to enhance food security and improve the farmers' living standards.
- ◆ The cooperation is suggested to integrate the EGNRET projects in past two years and the integrated data could be used as the reference for future proposed cooperation project direction.
- ◆ The cooperation between EGNRET and PPFS could be included in sharing the technology of bioenergy and biodiesel with farms in the APEC region, improving the efficiency in farms by energy technologies, and bringing microgrid technology to rural area electrification.

# Review of EGNRET 47



## ■ EGNRET 47

### Elections of Chair and Vice-Chair

- ◆ Chinese Taipei was elected as the EGNRET Chair, and Korea as the Vice Chair consecutively to serve a two-year term, 2017-2018.
- ◆ In addition, the secretaries were nominated by the Chair, and endorsed by EGNRET Representatives to hold the EGNRET secretariat.



# APEC Activities Since EGNRET 47



Date	Meeting	Venue
17 - 21 Oct. 2016	52th Energy Working Group Meeting (EWG52)	Moscow, Russia
17 - 18 Nov. 2016	APEC Ministerial Meeting (AMM)	Lima, Peru
20 Nov. 2016	APEC Economic Leaders' Meeting (AELM)	Lima, Peru

Date	Meeting	Venue
17 - 21 Oct. 2016	52th Energy Working Group Meeting (EWG52)	Moscow, Russia
17 - 18 Nov. 2016	APEC Ministerial Meeting (AMM)	Lima, Peru
20 Nov. 2016	APEC Economic Leaders' Meeting (AELM)	Lima, Peru

# EWG Activities



## 52<sup>th</sup> APEC Energy Working Group Meeting

October 17-21, 2016, Moscow, Russia~



EGNRET Secretariat attends EWG meeting to update EGNRET activities.

# APSEC Activities



## 2<sup>nd</sup> Asia-Pacific Energy Sustainable Development Forum by APSEC

*November 3-5, 2016, Tianjin, China~*



**EGNRET Chair attended the forum to report the Next Steps toward Achieving Renewable Energy Doubling Goal in APEC Region.**

# EGEDA Activities



## 28th Meeting of APEC EGEDA

*November 1-3, 2016, Kuala Lumpur, Malaysia~*



- ◆ EGNRET Secretariat attends EGEDA meeting
- ◆ Updating EGNRET activities with EGEDA members
- ◆ Seeking cooperative opportunities with EGEDA.



# EGNRET Project Update

(2014-2017)



Asia-Pacific  
Economic Cooperation

Status	Projects	Note
Completed	7	2 project (2015) 5 projects (2014)
Implementation	21	7 Projects (2016) 14 projects (2015)
Concept Note (Session 2, 2017)	2	
Proposing Projects (Session 1, 2017)	5	

# EWG 52 Summary



## ◆ Requests of project management

1. EWG project process, including co-sponsorship and submission deadlines would be strictly enforced in future.
2. Projects should try to provide high-level recommendations for APEC-related activities to allow greater visibility of EWG achievements.
3. Projects with a seminar or workshop should invite the participation of other relevant APEC fora and ABAC where appropriate.
4. EWG members should strongly encourage POs to complete the project Evaluation Survey underway by the APEC Secretariat's Project Management Unit.
5. Economies, Chairs of Research Centres /Expert Groups/Task Forces will be requested to report on the achievements and potential in the EWG meeting.

# EWG 52 Summary



- ◆ EGNRET stated its continuous discussion during 2013-2016 on scope and definition of renewable energy, and prioritized sector and major activities to achieve renewable energy doubling goal.
- ◆ EGNRET will collaborate with APEC sub-groups on developing a roadmap toward renewable energy doubling goal by 2030.
- ◆ APEC Secretariat encouraged EGNRET to explore potential partnership with international organization such as IEA, IRENA and other fora.
- ◆ Member economies also noted potential conflict between biofuels and food securities, and requested EGNRET to study on how to avoid these conflicts.

# Thank you for your attention!

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



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APEC Energy Working Group  
Expert Group on new and Renewable Energy  
Technologies



31 Calendar  
Meeting

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## WELCOME

Welcome to 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



PROJECTS



MEETINGS



APEC Energy Working Group  
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This site is hosted by the New Energy Technology Division, Green Energy & Environment Research Laboratories of Industrial Technology Research Institute, with support from the Bureau of Energy, Ministry of Economic Affairs, Chinese Taipei.