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***Future Plan of  
Peer Review on Energy Efficiency (PREE)***

**Kazutomo IRIE  
General Manager, APERC**



Asia-Pacific  
Economic Cooperation



# Outline

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- 2. Reform of PREE and CEEDS**
- 3. PREE Phase 4**
- 4. PREE Phase 5**
- 5. Conclusion**



# 1. Introduction: Objectives of PREE

## Initiated by APEC Energy Ministers' 2007 Darwin Declaration

- Provide a *broad review* of EE policies and measures for more effective EE policies.
- Provide *recommendations* on how implementation of action plans could be improved to achieve EE goals.
- Two activities have been organized:
  - **Compendium**: Compiles energy efficiency policies of all the APEC member economies under a common format which reflects the diversity of approaches that could be adopted by member economies.
  - **Peer review**: Visits by experts from member economies to the volunteer economy in order to interview people and meet with stakeholders. A report of the findings and recommendations is provided.



## *1. Introduction: Objective of Follow-up PREE*

- The Follow-up PREE is designed to assist **former PREE host economies** in implementing the earlier recommendations of the PREE review teams.
- The objective is to fill the gap between the implementation of energy efficiency action plans and the monitoring and evaluation of those plans.
- The first Follow-up PREE was held in Viet Nam from 27 February to 2 March 2012.
- The Follow-up PREE training in Viet Nam was developed to help the government identify and utilize energy efficiency data in order to ensure that the National Energy Efficiency Programs of Viet Nam are carried out in accordance with best practices currently employed in other economies worldwide.



# 1. Introduction: Objectives of CEEDS

## Referred in APEC Energy Ministers' 2010 Fukui Declaration

- Promote “**high-performance**” energy efficiency policy measures in **developing economies** in the APEC region.
- Assist developing economies who wish to design and implement measures for achieving energy efficiency improvements in a **specified sector**.
- **Two workshops** are organized for each topic:
  - One is presentations by experts on opportunities for energy savings in participating developing APEC economies.
  - The other is focusing on how these measures might be implemented in developing APEC economies, with economy delegates being the main presenters.





## 1. Introduction: History of PREE & CEEDS

- **PREE** has been hosted by **10 Economies** among 21 APEC Economies.
  - Within the other 11 Economies, 5 Economies are IEA Member Economies which are eligible for IEA peer reviews.
  - Therefore, the other **6 Economies** (**China, Hong Kong, Mexico, Papua New Guinea, Russia, Singapore**) may be possible future hosts of PREE.
  - Follow-up PREE may become more important for developing Economies in the APEC Region.
- **CEEDS** has completed in **4 sectors**: Appliance Energy Efficiency Standards and Labeling, Building Energy Codes and Labeling, Energy Efficient Urban Passenger Transportation, Promotion of Energy Service Company (ESCO).



# 1. Introduction: History of PREE & CEEDS

Australia\*

Canada\*

China

Hong Kong

Japan\*

Korea\*

Mexico

Papua New Guinea

Russia

Singapore

United States\*

Brunei (PREE-10)

Chile (PREE-2)

Indonesia (PREE-8)

Malaysia (PREE-7)

New Zealand (PREE-1)\*

Peru (PREE-6)

The Philippines (PREE-9)

Chinese Taipei (PREE-5)

Thailand (PREE-4, Fu-PREE-2)

Viet Nam (PREE-3, Fu-PREE-1)

\*IEA Member Economy which is eligible for IEA peer reviews



## 2. Reform of PREE and CEEDS

- APERC's Cooperative Activities, including **PREE** and **CEEDS**, have become **too burdensome**.
- Especially, CEEDS is **a very complicated project** which is arranged into two workshops in two different economies, with the same participating delegates and expert speakers for both workshops.
- APERC must maintain **a fair balance between research activities and cooperative projects**, and thus must **prioritize** and **streamline** its cooperative projects.
- Given the resource constraints of APERC, it is necessary to reduce the number of peer reviews per year. **PREE** needs to **slow down** in speed.
- Also given the resource constraints of APERC, it is necessary to simplify the scope of the project. **CEEDS needs integration with PREE** after simplification of its scope.





## 2. Reform of PREE and CEEDS

- With these considerations, APERC proposed **a reform plan of PREE and CEEDS** to EGEE&C 42 in Bangkok, Thailand and EWG 46 in Da Nang, Viet Nam both in November 2013.

➤ *One PREE **and** one Follow-up PREE (in total **two**) in 2012 and 2013*



*One PREE **or** one Follow-up PREE (in total **one**) after 2014*

➤ ***Two** workshops for **several** Economies, inviting same **several** experts **twice** for the both workshops*



***One** workshop open to **all** Economies, inviting **fewer** experts **once**  
(May be held in conjunction with **one of the two bi-annual meetings of EGEE&C**)*

- With **the support of EGEE&C**, **EWG approved this reform plan.**



### 3. PREE Phase 4

- **“Compendium of Energy Efficiency Policies of APEC Economies 2012”**
  - “Compendium 2012” was completed in October 2013.
- **PREE 10 in Brunei**
  - Brunei hosted the 10th PREE in 10-14 June 2013. The final draft report was introduced to EGEE&C in 11 November 2013, and submitted to and approved by EWG 46 in 18-21 November 2013.
- **2nd Follow-up PREE in Thailand**
  - **Thailand** was planning to host the 2nd Follow-up PREE in the 1st Quarter of 2014, focusing on transportation sector.
  - Due to the domestic problems in Thailand, the timing of the 2nd Follow-up PREE has become uncertain.
  - APERC is planning to extend the deadline of PREE Phase 4 to December 2014.



## 4. PREE Phase 5

- APERC is requesting APEC Fund for PREE Phase 5 which consists of 3 activities: 1) Compendium 2013, 2) the 3rd Follow-up PREE, and 3) Energy Efficiency Policy Workshop.
- **“Compendium 2013”**
  - Though “Compendium 2012” was completed in October 2013, several Economies failed to update their information on EE Policies.
  - Those Economies include: Canada, China, Indonesia, Japan, Korea, Malaysia, Papua New Guinea, The Philippines, Russia, Singapore, Chinese Taipei, US, Viet Nam.
  - Among them, PNG has never supplied information since 2009. Russia and Viet Nam have not supplied since 2011.
  - **We urge those 13 Economies to update their information on EE policies in “Compendium 2013”.**



## 4. PREE Phase 5

- **The 3rd Follow-up PREE**
  - **The Philippines** signified interest in hosting the 3rd Follow-up PREE.
  - APERC is asking the Philippines Government to consider the focused sector(s) and the timing of the 3rd Follow-up PREE.
- **Energy Efficiency Policy Workshop**
  - Energy Efficiency Policy (EEP) Workshop is a new project which will succeed and replace CEEDS project.
  - The Policy Workshop will be **a half day event** led and chaired by an APERC researcher.
  - As a part of the PREE project, the expenses for the EEP Workshop will be covered by the APEC Fund and APERC budget.
  - **The 1st EEP Workshop** will be held **in conjunction with EGEE&C 44 (or 45)**.



## 4. PREE Phase 5

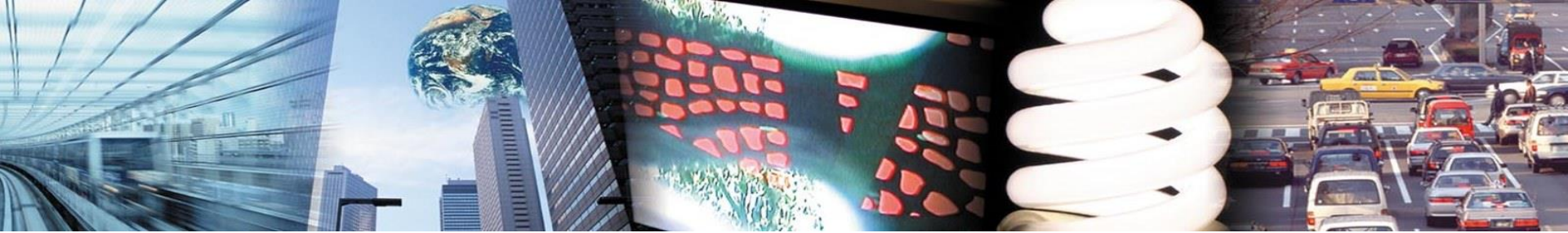
- **Energy Efficiency Policy Workshop (Cont'd)**
- **The host economy** of the EGEE&C 44 (or 45) will be expected to **assist with logistic arrangement**, but will incur **no financial burden**.
- The topics of the workshop will be selected from **the key issues highlighted in the previous PREE**.
- The host economy of EGEE&C 44 (or 45) can **offer its preferred topic** to the 1st EEP Workshop.
- APERC will pay due attention to the offered topic, since APERC can invite not only the EGEE&C delegates but also **other experts and stakeholders from the host economy** as audience of the Workshop.
- Of course, APERC will invite **experts from other APEC Economies** or international experts to the Workshop as speakers. The EGEE&C delegates may be invited to the Workshop as speakers.





## 5. Conclusion

- **APERC thanks EGEE&C** for its support to our reform plan of PREE and CEEDS.
- In order to successfully carry out PREE Phase 5, a new style PREE, **APERC needs continuous support of EGEE&C.**
- Especially, in order to launch a new EEP Workshop, **APERC would like to maintain close cooperation with EGEE&C.**
- **APERC hope EGEE&C decides the venue and the timing of EGEE&C 44** as soon as possible so that APERC can discuss **how to organize the 1st EEP Workshop** with the host Economy of EGEE&C 44.
- **APERC also ask EGEE&C members** to urge their home government to cooperate with APERC in finding **future host economies of PREE/Follow-up PREE** and in **updating EE policy information for Compendium 2013.**



**Thank you for your kind attention**

<http://aperc.ieej.or.jp>



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