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***PREE and CEEDS Update***

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Asia-Pacific  
Economic Cooperation



# Outline

- 1. Introduction**
- 2. Reform of PREE and CEEDS**
- 3. PREE Phase 5**
- 4. New workshop proposal**
- 5. Conclusion**



# 1. Introduction: PREE

## Initiated by APEC Energy Ministers' 2007 Darwin Declaration

- *Broad review* of energy efficiency policies and measure
- Provide *recommendations* on potential improvements
- **Compendium:**
  - Compilation of energy efficiency policies across APEC.
- **Peer review:**
  - Visit by experts
  - Review of EE policies and recommendations
- **PREE** has been hosted by **10 Economies**
  - Of the remaining 11 Economies, 5 Economies are IEA members which are eligible for IEA peer reviews.
  - The remaining **6 Economies** (**China, Hong Kong, Mexico, Papua New Guinea, Russia, Singapore**) would be ideal candidates for future PREE events.



# 1. Introduction: PREE





## ***1. Introduction: Follow up PREE***

- Follow-up PREE was first carried out in 2012
- Designed for economies that previously hosted PREE
  - Assist in the implementation of PREE recommendations
  - Assist on M & E of action plans arising from PREE
  - Filling the gap between recommendations and implementations
- Follow-up PREE was first hosted in 2012 in Vietnam
  - Assisted the government to identify and utilize suitable EE data
  - Link the identified data to policies and action plans.
- The 2<sup>nd</sup> Follow-up PREE in Philippines
  - Carried out in Mid-September
  - Focuses on industrial energy efficiency
  - Presentation later today





## 1. Introduction: 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 to implement energy efficiency improvements in a **specified sector**.
- **Two workshops** are organized for each topic:
  1. Presentations by experts on EE opportunities
  2. Implementation discussions with delegates from developing economies.
- **CEEDS** has completed in **4 sectors**:
  - Appliance Energy Efficiency Standards and Labeling (2010)
  - Building Energy Codes and Labeling (2011)
  - Energy Efficient Urban Passenger Transportation (2012)
  - Promotion of Energy Service Company (ESCO). (2013)



## 2. Reform of PREE and CEEDS

- The increasing APERC load of these cooperative activities have placed a large burden on APERC's
- To improve the balance between research and cooperative activities APERC proposed to **prioritize** and **streamline** its cooperative projects.
- **Slow down PREE** or Follow-up PREE to one per year
- **Replace CEEDS** with single EE policy workshop as a part of PREE.





### 3. PREE Phase 5

- APERC requested funding from APEC during Session 1 of 2014 for PREE Phase 5 which consists of
  - Compendium 2013
  - 3rd Follow-up PREE
  - Energy Efficiency Policy Workshop.
- The funding bid was **not successful**.
  - Operational fund is small and oversubscribed
  - Recommended to re-submit to support fund
- If successful with support fund
  - PREE and EEP workshop will focus on **APEC developing economies**
  - Developed economies welcome to attend





### 3. PREE Phase 5

- Support fund implications
  - PREE can only be hosted by travel eligible economies
  - EEP will focus in capacity building
- APERC still wants participation of developed economies
  - Self-funded project
  - APERC and developed economy sharing the cost
  - Please let APERC know if there is interest.





## 4. Trial Energy Efficiency Policy Workshop (EEP)

- **One day workshop**
  - Cooperate with EGEE&C to align the workshop with the next meeting 45
  - Delivered by expert consultant (EGEE&C)
  - **logistical support** from the host economy
  - Host will not in any **financial burden**.
- EEP will be funded through support fund as part of PREE
- APERC will cover the first EEP as a trial or proof of concept as a self-funded project



Singapore



## 4. Trial Energy Efficiency Policy Workshop (EEP)

### ➤ Suggested workshop content

#### Session 1

- Policy Making in EE (Generic)
- Policy making in specific topic of interest

#### Session 2

- Case studies
- Economy presentations (2 or 3)

#### Session 3

- Perspectives
- Workshop scenario

#### Session 4

- Presentations and Discussion of workshop
- Summary Session



## 4. Trial Energy Efficiency Policy Workshop (EEP)

### ➤ Potential topics

#### Transport

- Road Freight
- Integration of mass transit in urban areas

#### Policy development

- Development of strategies and action plans
- Setting smart targets
- Policy capacity

#### Data and Monitoring

- Data collection
- Collection powers by government

#### Industrial

- Energy intensity requirements
- Large user reporting
- Energy manager requirements



## 4. *New Energy Efficiency Policy Workshop (EEP)*

- Estimated budget for EEP Workshop
  - Support for up to 5 developing economies
  - Consultant preparing and delivering content
  - Venue for up to 50 participants

Estimated Costs (USD)	
Venue	10,000
Travel (support)	20,000
Consultancy	20,000
<b>Total</b>	<b>50,000</b>



## 4. *New Energy Efficiency Policy Workshop (EEP)*

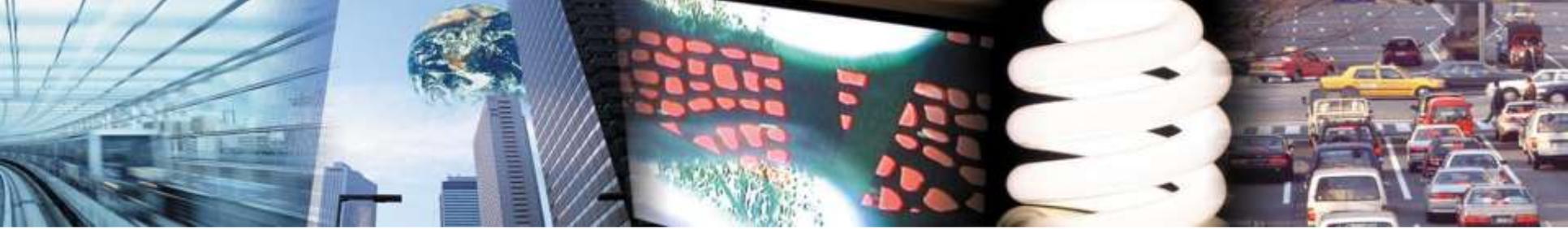
- APERC requests
  - Co-sponsors for the self-funded trial
  - Insights for topic selection
  - Aligning workshop with EGEE&C 45
  - Logistical support from EGEE&C 45 host economy
  - Continued support from EGEE&C

**APERC**

ASIA PACIFIC ENERGY RESEARCH CENTRE

APEC Expert Group on Energy Efficiency and Conservation (EGEE&C)  
Under the APEC Energy Working Group





**Thank you for your kind attention**

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