



**Asia-Pacific
Economic Cooperation**

2019/EWG57/039
Agenda Item: 11b

Peer Review on Energy Efficiency

Purpose: Information
Submitted by: APERC



57th Energy Working Group Meeting
Manila, Philippines
23-24 May 2019

11.b. Peer Review on Energy Efficiency (PREE)

The 57th Meeting of APEC Energy Working Group (EWG)
Taguig City, Philippines, 23-24 May 2019

Munehisa YAMASHIRO, Vice President, APERC



11.b. (1) Introduction of PREE

PREE consists of two pillars:

- **PREE** to provide recommendations for the host economy on how implementation of their energy efficiency action plans could be improved, and **Follow-up PREE** to help a previous PREE host economy to more smoothly implement recommendations on energy efficiency action plans
- **Energy Efficiency Policy (EEP) Workshop** to further discuss key issues in policy formation for energy efficiency

11.b. (2) Progress of PREE

Phase 8:

1. PREE

- The 12th PREE in Russia, originally scheduled for October 2018, is postponed.

2. Energy Efficiency Policy (EEP) Workshop

- The 4th EEP Workshop was held in Hong Kong, China on 18 March 2019 in conjunction with EGEEC 53 and EGNRET 52.
- The main theme was transport fuel economy regulations.

Phase 9:

1. Follow-up PREE

- Follow-up PREE in Peru was conducted on 18-22 March 2019 in Lima, Peru.

11.b. (3) Follow-Up PREE in Peru

- **3 days of workshop, 1 day of site visit and 1 day of recommendations preparation and presentation to the Peruvian government**
- **The Review Expert Team was composed by 6 experts from 5 APEC economies:**

Dr. Terry Surlles

*California Institute for energy and environment at Berkeley University, USA
Senior advisor*

- *Energy efficiency goals, targets and strategies*
- *Data collection and monitoring*

Tali Trigg

*German Corporation for International Development (GIZ)
Consultant*

- *Transport*

Dr. Viritphol Vacharapanich

*Professional Engineer
Ministry of Energy, Thailand*

- *Electricity*

Santiago Creuheras Diaz

*Former Director General for Energy Efficiency at the Ministry of Energy, Mexico
Independent consultant*

- *Institutional and regulatory framework*

Pramesh Maharaj

*Energy Efficiency and Conservation Authority (EECA), New Zealand
Programme Manager-Industrial*

- *Industry*

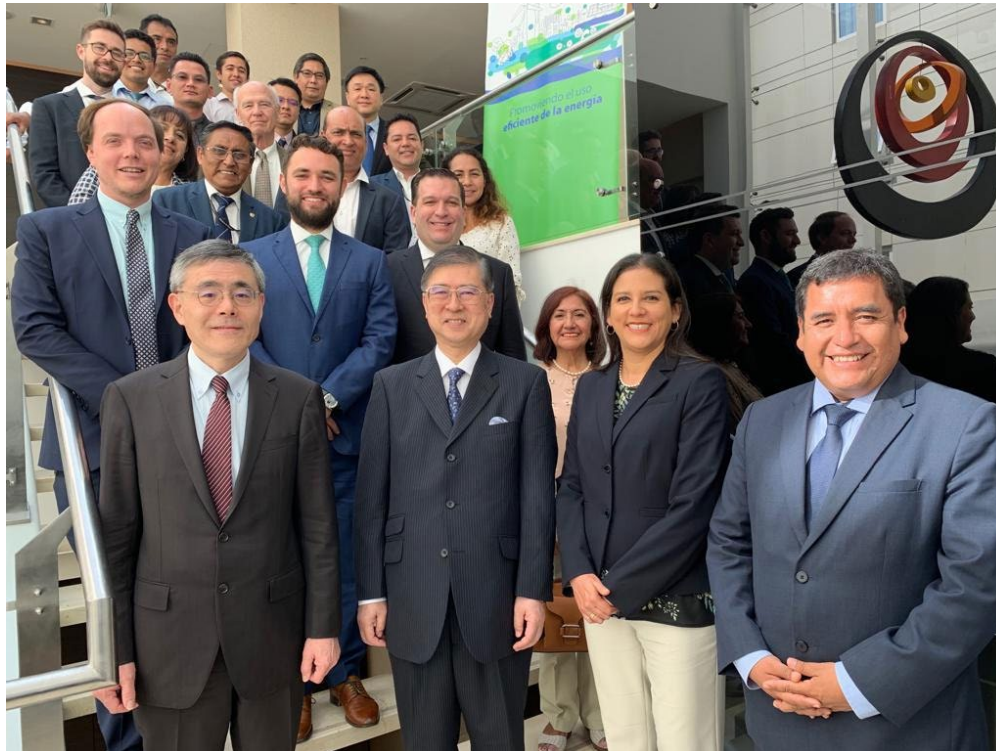
Dr. William Chung

*City University of Hong Kong,
Hong Kong, China
Associate professor*

- *Labelling and standards*

11.b. (3) Follow-Up PREE in Peru (Cont'd)

- The experts gave **51 preliminary recommendations** on 7 subsectors.
- Around 40 participants and 26 presentations from 12 different relevant organisations
- APERC is now working on the draft report for Follow-Up PREE and will circulate it to EWG members and APEC Secretariat before EWG 58.



11.b. (4) Energy Efficiency Policy Workshop

- **41 representatives** from **9 economies** attended the workshop in Hong Kong, China.
- **Focused on energy efficiency in the transport sector including policy for : fuel economy regulations, electric vehicles and charging infrastructure deployment**
- **Coordinated by a consultant with presentations by invited experts from New Zealand, Chile and Hong Kong, China**
- **Included a panel and group discussion sessions**
- **Summary report will be circulated and published on the APEC and APERC websites.**



11.b. (5) Future Plan of PREE

Phase 10:

1. PREE

- **APERC welcomes all eligible economies (in particular, those planning to establish or revise their energy efficiency policy) to volunteer themselves to host **future PREEs** or **Follow-up PREEs**. If interested, please contact: master@aperc.ieej.or.jp or APERC researchers .**

2. Energy Efficiency Policy (EEP) Workshop

- **Planning is underway for the next workshop with EGEEC 55**

11.b. (6) PREE Host Economies

PREE		
1	Chile	2009
2	New Zealand	
3	Viet Nam	
4	Thailand	
5	Chinese Taipei	2010
6	Peru	
7	Malaysia	
8	Indonesia	2011
9	The Philippines	2012
10	Brunei Darussalam	2013
11	Mexico	2017
12	Russia (postponed)	2018

Follow-up PREE		
1	Viet Nam	2012
2	The Philippines	2014
3	Thailand	2015
4	Malaysia	2018
5	Peru	2019



Thank you for your kind attention.

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