



**Asia-Pacific  
Economic Cooperation**

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**2017/EWG/EGEEC50/004**

## **APERC Energy Efficiency Cooperative Activities Update: Peer Review on Energy Efficiency**

Purpose: Information  
Submitted by: APERC



**50<sup>th</sup> Expert Group on Energy Efficiency and  
Conservation Meeting  
Moscow, Russia  
6-7 October 2017**



50<sup>th</sup> APEC Expert Group on Energy Efficiency and Conservation  
**APEREC's Energy Efficiency Cooperative  
Activities Update:  
Peer Review on Energy Efficiency**

Martin Brown-Santirso  
4-7 October 2017, Moscow, Russia





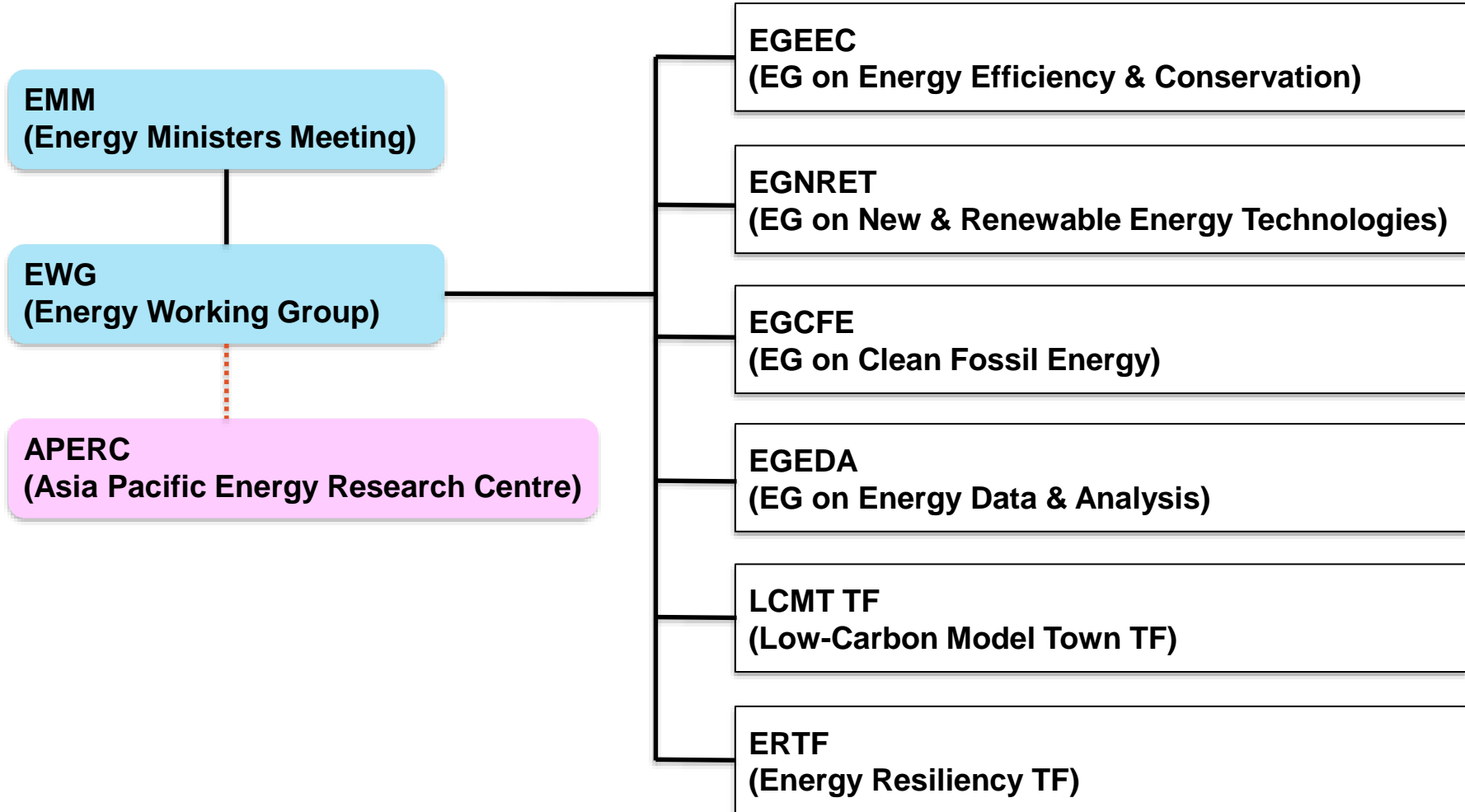
# 1. APERC background

APERC was established in Tokyo in 1996 after the Osaka APEC leaders meeting in 1995

- Primary Objectives is to foster a common understanding of energy challenges facing APEC member economies.
  - Through analysis of the supply and demand outlook,
  - The development of energy markets, and
  - Discussion of policy responses



## Advisory body to EWG







## 2. PREE

## Initiated by APEC Energy Ministers' 2007 Darwin Declaration

- Broad review of energy efficiency policies and measure
- Provide recommendations on potential improvements
  - Peer review by visiting experts
- PREE has been hosted by 11 Economies
  - New Zealand, Chile, Viet Nam, Thailand, Chinese Taipei, Peru, Malaysia, Indonesia, Brunei Darussalam, and Mexico.
- Follow-up PREE hosted by 3 economies
  - Viet Nam, Philippines, Thailand.

<http://aperc.ieej.or.jp/publications/reports/pree.php>

- PREE also includes:
  - Energy Efficiency Policy Workshop (EEP)
    - One-day capacity building workshop
    - Topic selected in consultation with APEC economies
    - Three carried out to date
  - Energy Efficiency Policy Compendium
    - Repository for energy policies of APEC member economies.
    - Latest update from 2015 available from:  
<http://aperc.iecej.or.jp/publications/reports/compendium.php>



- PREE in Mexico:
  - 6 – 10 March 2017
  - Team of 11 international and APERC experts including: New Zealand, United States, Thailand, China, Chinese Taipei, Mexico, Philippines, and Japan.
  - Complete review of energy efficiency in the economy.
  - Some highlights include:
    - Mexico is implementing a significant energy reform to liberalize energy markets.
    - A growing and increasingly wealthy population is likely to increase energy demand significantly in coming years.
    - Efficiency can provide much needed relief from this growth.
  - Report will be available before the next EGEEC meeting.

## *PREE in Mexico*



- Held in Jeju Island, Korea
  - 27 March 2017
  - Hosted in conjunction with EGEEC 49
  - Topic: Energy efficiency Policy evaluation.
  - 30 Attendees from 15 economies
    - China, Japan, Korea, Malaysia, Indonesia, Thailand, Philippines, United States, Hong Kong, Chinese Taipei, Mexico, Russia, Vietnam, Malaysia, and New Zealand.
  - Included international experts presenting best practice case studies.
  - The summary report will available from the APEC website.

- Published in May 2016
  - Compendium has been collected in a survey format requiring significant input from economies.
  - Included responses from 18 economies (Only missing United States, Russia, and Papua New Guinea)
  - Includes information on the existing policies, government departments in charged of policy, implementation, and existing programs.
  - <http://aperc.ieej.or.jp/publications/reports/compendium.php>





# 3. Next steps

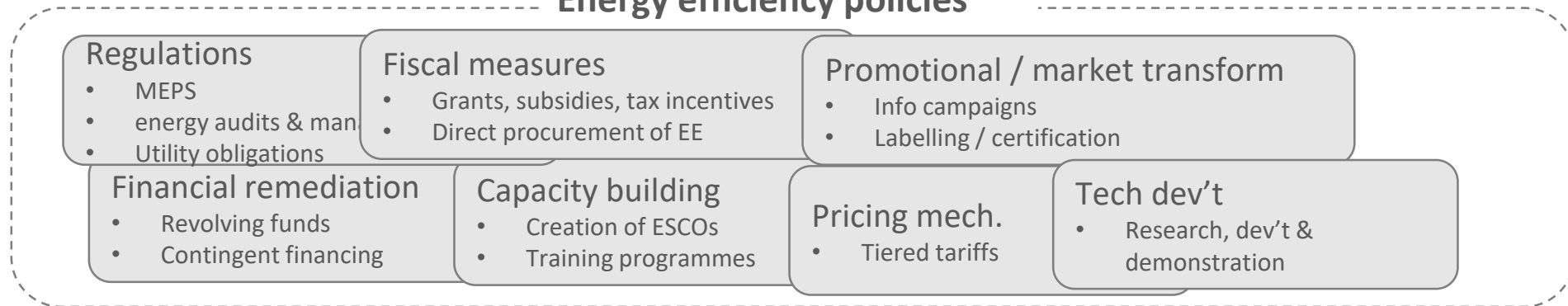


- Preliminary agreement from Malaysia to host Follow up PREE
  - End of March 2018
  - Topics: Urban Transport and Thermal Efficiency.

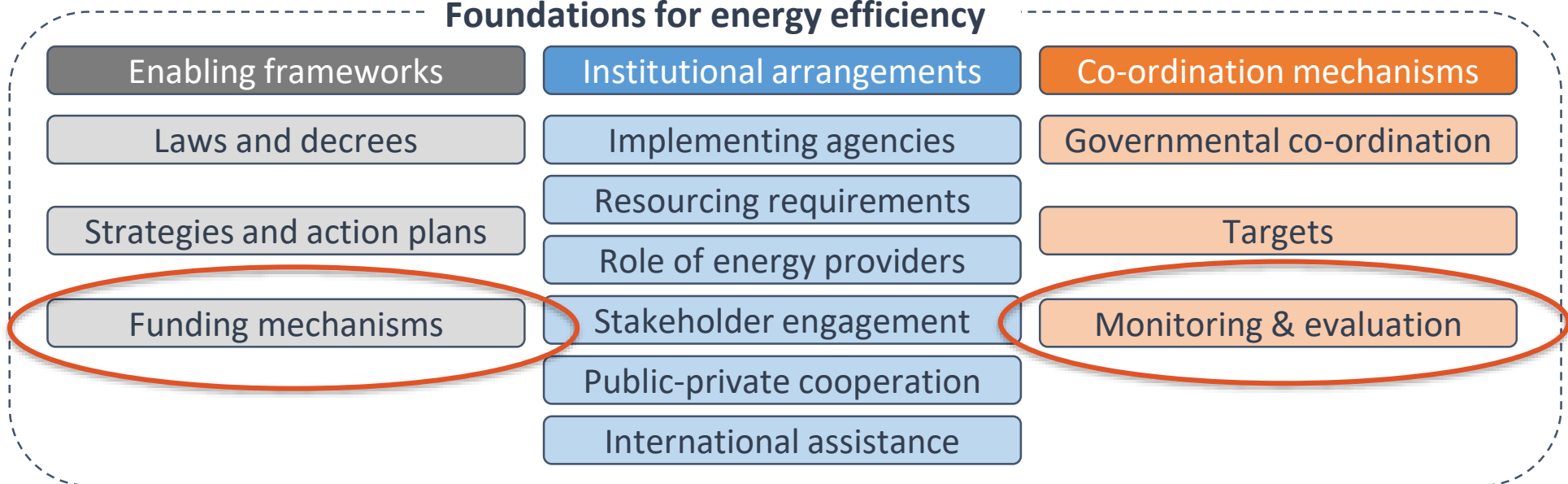


- To be held alongside EGEE&C 51
  - First half of 2018
  - Economy feedback will be sought for topic selection. Proposed topics:
    - Policy roadmap development
    - EE in Industry – Implementation of BATs
    - EE in Transport – Fuel economy regulations
    - Behavioural economics – Influencing responses.
  - Please consult with your economy representative and send feedback to: [m.brown-santirso@aperc.iecej.or.jp](mailto:m.brown-santirso@aperc.iecej.or.jp)

## Energy efficiency policies



## Foundations for energy efficiency



- Changes to the future of EE Compendium
  - APERC's cooperative activities rely on the support of economies to provide quality outputs
    - Data collection
    - Results review and endorsement
    - Workshop participation
  - In order to reduce the burden to economies APERC intends:
    - Stop the annual Compendium survey update.
    - Change the format to make it easier to review and update

- Compendium in 2017
  - Last major update of Compendium.
  - New format to display information more clearly and make it more user friendly.
  - The format more clearly displays the different sections of information, and focuses on short sharp descriptions.
  - The Compendium will include links to local sources when available to enable researchers access to greater information if needed.



- Timeline

<b>Activity</b>	<b>Schedule</b>	<b>Status</b>
Chapter drafting by APERC	From May 2017	Completed
Review and edit	July 2017	Completed
Economy review and endorsement	August 2017	Completed
Final editing	September 2017	Completed
EWG Endorsement and Publication	October 2017	In progress
Upkeep	As needed.	As needed

- 15 economy responses.
- Currently being endorsed by EWG prior to Publication

- Compendium from 2018 onwards:
  - Information will be updated through the APEC Overview process.
    - Yearly energy overview of APEC economies
    - Looks at supply, demand, policy, and major projects.
    - Including energy efficiency
  - Ad-hoc updates for individual economies as needed
  - All the changes aim to provide a more useful output and lower the workload for economies

- Please provide feedback on topic of next EEP
  - Kindly send comments by email.
- Please provide feedback on the new Compendium format
  - Kindly send emails by email before the end of April.
  - [M.brown-santirso@aperc.ieej.or.jp](mailto:M.brown-santirso@aperc.ieej.or.jp)



**Thank you for your kind attention**

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