



Preparation for PRLCE with a focus on RE in Thailand

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Asia-Pacific
Economic Cooperation



Outlines

- 1. Introduction**
- 2. Overview of PRLCE**
- 3. PRLCE Work Programme in Thailand**
- 4. Participation Invitation**



APEC Peer Review Mechanisms

APEC Energy Ministers' 2007 Darwin Declaration:

“We directed the APEC Energy Working Group (EWG) to develop a ***Voluntary Energy Peer Review Mechanism***, with an initial focus on progress toward attaining **energy efficiency goals**”

APEC Leaders' 2007 Sydney Declaration:

“We agreed on the two specific initiatives: 1) to facilitate and review progress through ***voluntary APEC Energy Peer Review Mechanism***, with a report back to APEC Leaders; and 2) to work towards achieving an APEC-wide goal of a reduction in energy intensity of at least 25 percent by 2030 (with 2005 as the base year)”



Peer Review Mechanisms for Low-Carbon Energy Supply

APEC Energy Ministers' 2010 Fukui Declaration:

“We commend the **Peer Review on Energy Efficiency (PREE)** which has been successfully carried out for four APEC economies and urge additional economies to participate”.

“We instruct the EWG to explore *mechanisms* to encourage economies to set **individual goals** and **action plans** for introducing *low-emission power sources* - renewable, nuclear and fossil fuels with carbon capture and storage (CCS) - to make our energy supply cleaner. We will create *low-carbon communities* in the region”.



Purpose and Possible Scope

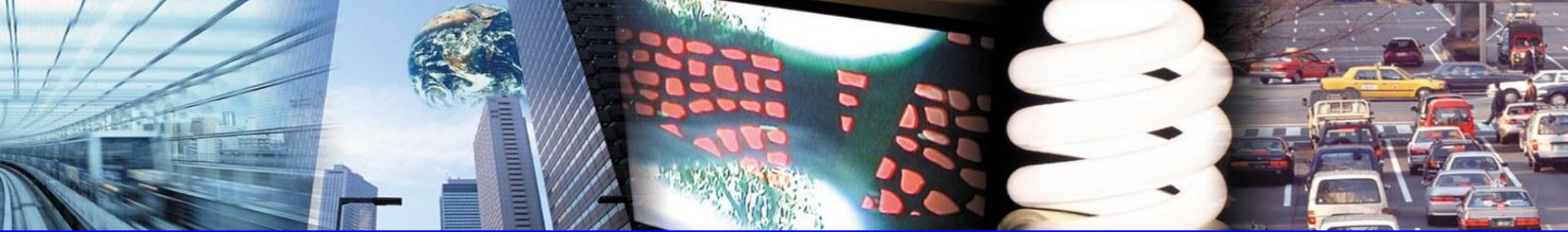
Purpose:

To assist volunteer APEC economy to promote **low-emission power sources** by providing recommendations from APEC peer review experts.

Possible scope:

- ❑ Policy/strategy/action plan for low carbon energy;
- ❑ Efficient policies to overcome non-economic barriers at various stages of development and deployment;
- ❑ Effective RD&D policy to promote low carbon energy;
- ❑ **Depend upon condition and circumstance of individual economy.**

Encourage developing APEC economies to set individual goals on power supply from low carbon sources and to formulate action plans to achieve the goals.



Main Roles and Responsibilities of Stakeholders

Host Economy

- Plan review process
- Prepare Documents for Review
- Arrange logistic needs
- Assess the preliminary and the draft final report

Review Team

- Conduct the review
- Present findings and recommendations in the preliminary report
- Prepare the draft final report

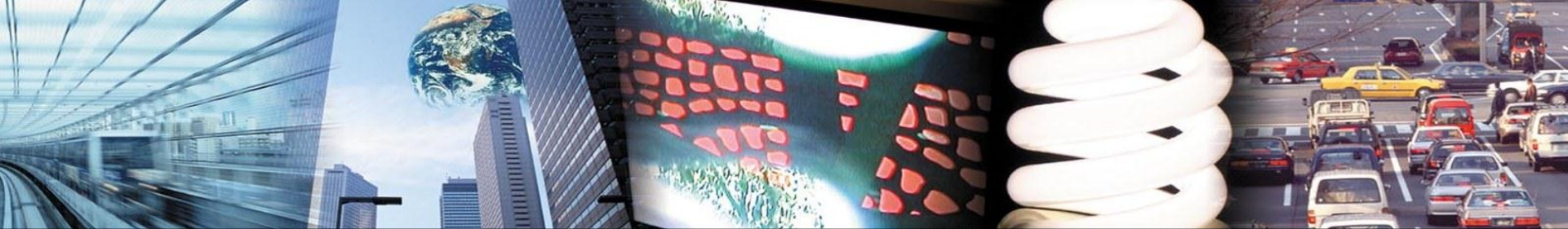
EWG

- Discuss and Endorse the draft final report
- Report to APEC Senior Officials

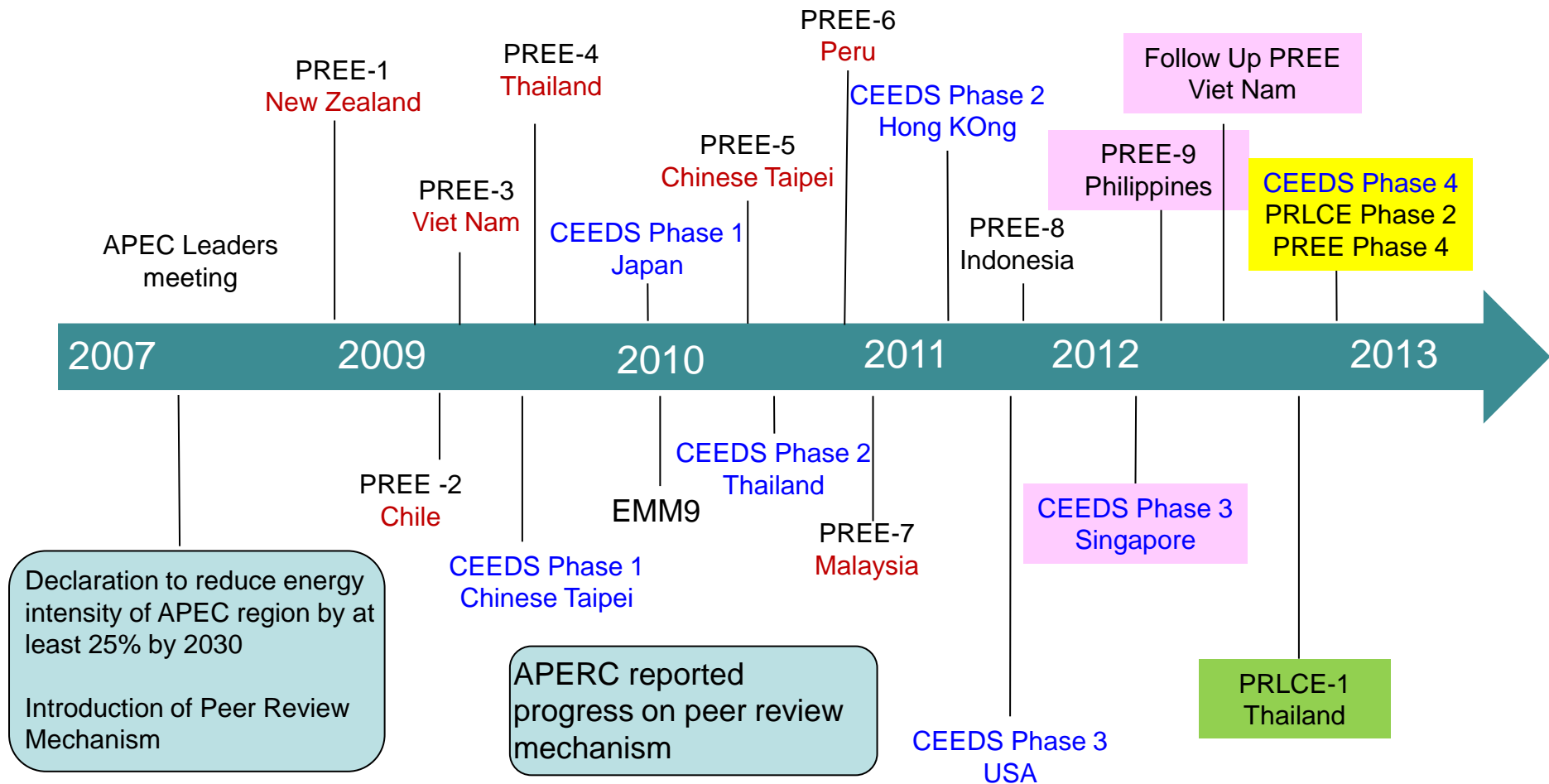
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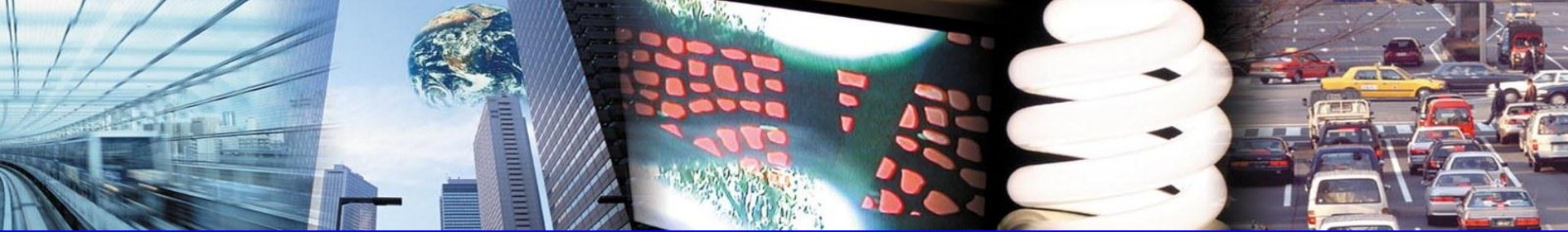
- Coordinate the review team formation with the host economy
- Coordinate the draft final report preparation with Host Economy
- Prepare the guidelines for PRLC

cf. "Guideline on APEC Peer Review on Low-Carbon Energy Supply (PRLCE)"



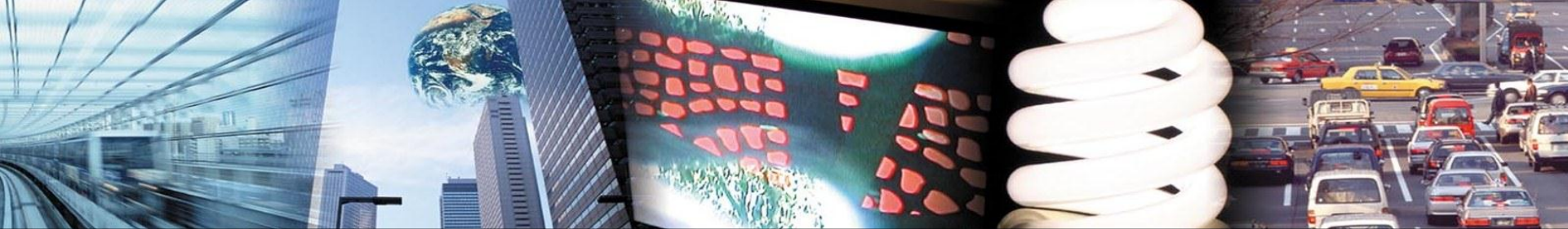
Summary of PRLCE, PREE & CEEDS





PRLCE Work Program in Thailand

- Date: May 21 ~ 25, 2012.
- Scope of Peer Review:
 - Policy, strategy and target for renewable energy
 - Energy policy institutional arrangement (SPP/VSP, grid, FIT)
 - Energy regulation
 - Role and activities for renewable energy promotion
 - Successful case for the promotion of renewable energy
 - Contribution by private sector
 - CDM



Participation Invitation

Your Economy is invited to host or join Future PRLCE to enable APEC economies to share experiences and knowledge, and learn “high–performance” strategies from their peers in terms of setting goals, formulating action plans, and improving the effectiveness of current policies in promoting LCES development, as well as providing useful recommendations for voluntary LCE implementations towards a more secure and sustainable energy future for APEC.”

The participation by experts from member economies is the important key to success.



Thank you for your kind attention

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