



Session 4: APERC's Research Activities

C. Proposals for 2013 APERC Activities

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The 24th Meeting of the Expert Group on Energy Data Analysis (EGEDA)
Jeju, Korea, 10~12 October, 2012



Asia-Pacific
Economic Cooperation



Outline

- **Peer Review on Energy Efficiency (PREE)**
- **Cooperative Energy Efficiency Design for Sustainability (CEEDS)**
- **Peer Review on Low Carbon Energy Supply (PRLCE)**
- **APEC Low Carbon Model Town (LCMT) Project**
- **APEC Oil & Gas Security Exercises**



Peer Review on Energy Efficiency (PREE)

Objectives of PREE

- **To provide a broad review of EE goals, EE strategies, institutional setup, and policy measures in all sectors at a time for a volunteer economy;**
- **To provide recommendations for a volunteer economy based on best/high performance practices in order to implement the best practices in as many economies as possible.**



Peer Review on Energy Efficiency (PREE)

Work Plan on PREE Phase 4:

- **10th PREE in Volunteer economy**
(**Brunei** has expressed her interest to host the 10th PREE)
- **2nd Follow-up PREE**
(**Thailand** has expressed her interest to host the 2nd Follow-up PREE)
- The proposal for PREE Phase 4 was **not approved** for the fund from APEC Support Fund in APEC BMC Session 2 in May – June 2012.
- **APEREC is waiting for the approval in APEC BMC Session 3 in September – October 2012.**



Peer Review on Energy Efficiency (PREE)

- Will all 21 APEC Economies be reviewed in PREE?

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 country which can receive IEA peer reviews



Cooperative Energy Efficiency Design for Sustainability (CEEDS)

Objectives of CEEDS

- To promote “high-performance” energy efficiency policy measures in developing economies in the APEC region.
- To assist developing economies who wish to design and implement measures for achieving energy efficiency improvements in a specified sector.

Activities of CEEDS:

- Analysis/ Study on energy saving potential
- A set of two workshops to study on how the best practices of policy measures might be implemented in the selected sector



Cooperative Energy Efficiency Design for Sustainability (CEEDS)

Work Plan on CEEDS:

- **CEEDS Phase 1 on “Appliance Energy Efficiency Standards and Labelling “**
- **CEEDS Phase 2 on “Building Energy Efficiency Codes and Labelling “**
- **CEEDS Phase 3 on “Energy Efficiency for Urban Passenger Transportation”**
- **CEEDS Phase 4 on “Promotion of Energy Service Company (ESCO)”**



Cooperative Energy Efficiency Design for Sustainability (CEEDS)

- **The first workshop of CEEDS Phase 4 will be hosted by **Thailand** during the week starting on **21 January 2013**. We will initiate the invitation process for participating eligible economies.**
- **The second workshop for CEEDS Phase 4 will be held in 26~28 March 2013 and hosted by **Chinese Taipei**.**
- **Any appropriate sector to be tackled in CEEDS Phase 5?**



Peer Review on Low Carbon Energy Supply (PRLCE)

Objective of PRLCE:

- **To assist volunteer APEC economy to promote low-emission power sources such as renewable energy, nuclear and fossil fuel with CCS by providing recommendations from APEC peer review experts.**
- **APERC is planning to further carry out analyses on best practices for efficient and effective policies to promote low carbon power supplies in APEC economies, and how such best practice policies can be applied, considering different conditions in different economies.**



Peer Review on Low Carbon Energy Supply (PRLCE)

Work Plan on PRLCE Phase2:

- Phase 2 PRLCE is planned to assist two additional economies in developing policies to promote low-carbon energy supply.
- **APERC is waiting that PRLCE Phase 2 will be approved for the fund from APEC Support Fund in APEC BMC Session 3 in September – October 2012.**
- **No economy has so far expressed any interest to host the event.**
 - **Expecting candidates: Malaysia, Viet Nam, Indonesia or Mexico**



APEC Low Carbon Model Town (LCMT) Project

Objective of LCMT:

- **To promote low-carbon town developments in order to manage rapidly growing energy consumption especially in urban areas of the APEC region.**
- **Key activities include:**
 - 1) feasibility study to encourage creation of LC town**
 - 2) the assessment of real LC town development projects**
 - 3) the development of the “Concept of the LC Town in the APEC”**



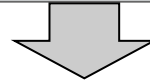
APEC Low Carbon Model Town (LCMT) Project

Work Plan on LCMT Phase3:

<Selection of the Case>

13 June, 2012

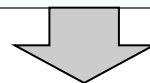
Invitation letter for nominations of LCMT phase 3 project was sent to [eligible economies](#)



13 July, 2012 (Nomination Deadline)

Two candidate projects were nominated

- Da Nang, Viet Nam
- San Borja Town, Lima, Peru



Evaluation on a scale of 1-5 for each selection endorsed by the APEC LCMT Task Force

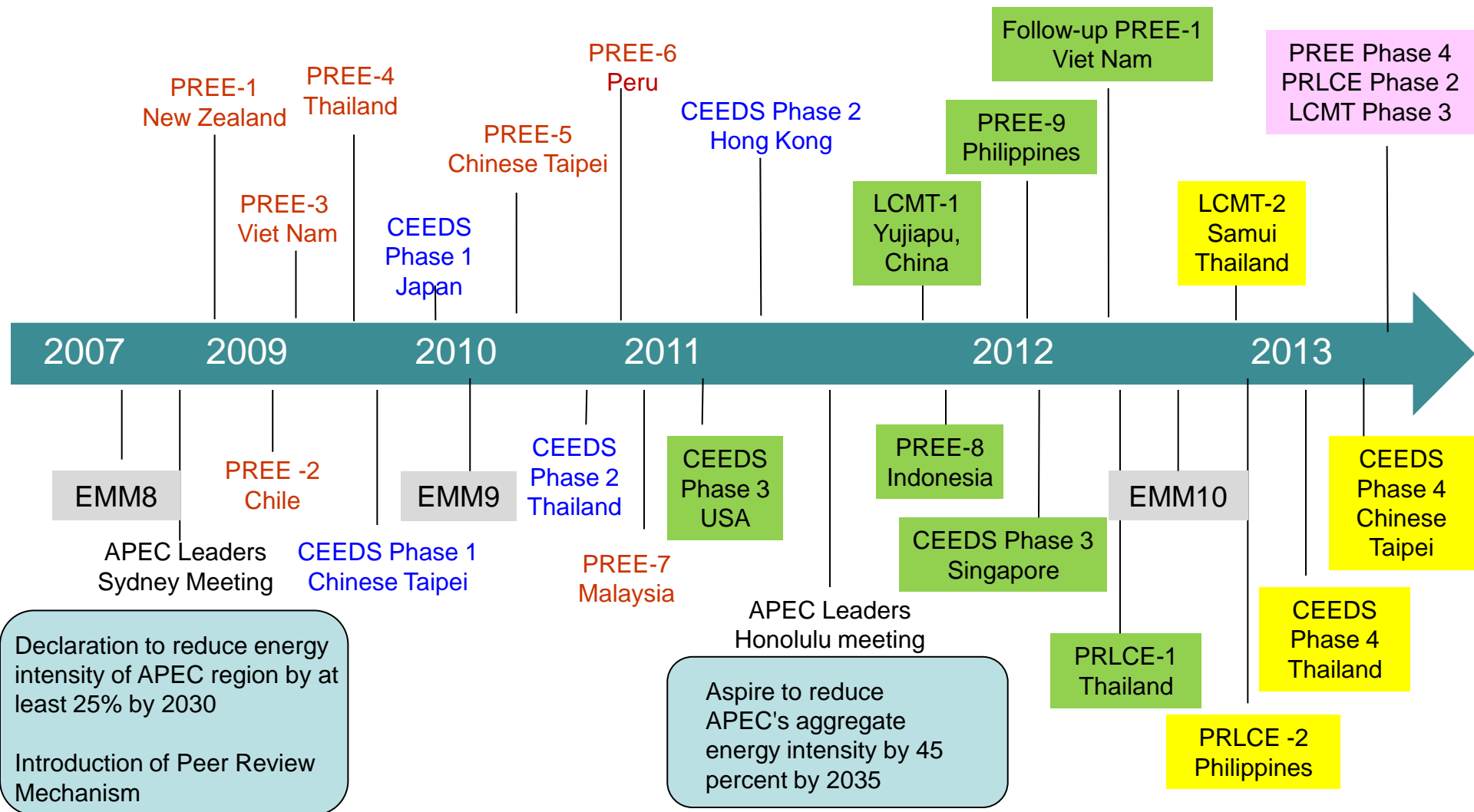


APEC Low Carbon Model Town (LCMT) Project

Work Plan on LCMT Phase3:

- **Da Nang, Viet Nam** , is endorsed by LCMT Task Force as the case for LCMT Phase 3.
- **APEREC is waiting that LCMT Phase 3 will be approved for the fund from APEC Support Fund in APEC BMC Session 3 in September – October 2012.**

Summary of PREE, CEEDS, PRLCE & LCMT





APEC Oil & Gas Security Exercises

- At APEC Energy Ministers' meeting in St. Petersburg, Russia, on 24-25 June 2012, the Ministers encouraged APERC to work on activities to improve the response to **oil and gas emergency** situations in the APEC region, including **emergency response workshops** and **exercises**.
- At the 20th APEC Economic Leaders' Meeting in Vladivostok, Russia, on 8-9 September 2012, the Leaders agreed to promote activities to improve **the response to oil and gas emergency situations** in the APEC region.





Thank you for attention

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