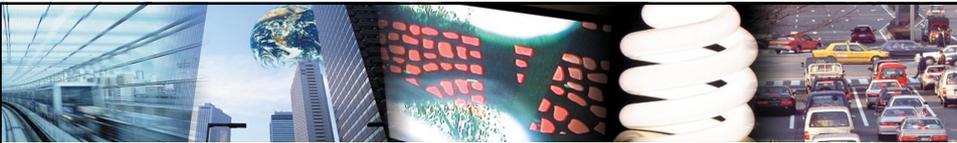


**EGEE&C 42, Bangkok, Thailand**  
11 November 2013

**APEC Peer Review on Energy Efficiency (PREE)  
Brunei Darussalam**

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Asia Pacific Energy Research Centre



**Presentation Outline**

<b>Background of APEC PREE</b>	<ul style="list-style-type: none"><li>• Objectives of PREE</li><li>• Mechanisms and Responsibilities of Stakeholders</li><li>• Previous PREEs</li></ul>
<b>Overview of EE&amp;C in Brunei Darussalam</b>	<ul style="list-style-type: none"><li>• Brunei Darussalam in brief</li><li>• EE&amp;C Key Policies</li><li>• EE&amp;C Institutional Framework</li></ul>
<b>PREE in Brunei Darussalam</b>	<ul style="list-style-type: none"><li>• Issues Covered</li><li>• Key Findings</li><li>• Photos</li></ul>

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## Background of APEC Peer Review on Energy Efficiency (PREE)



### Objectives of PREE

**Initiated by APEC Energy Ministers' 2007 Darwin Declaration**

- Provide a *broad review* of EE policies and measures for more effective EE policies.
- Provide *recommendations* on how implementation of action plans could be improved to achieve EE goals.
- Two activities are organized:
  - **Peer review:** Visits by experts from member economies to the volunteer economy in order to interview people and meet with stakeholders. A report of the findings and recommendations is provided.
  - **Compendium:** Compiles energy efficiency policies of all the APEC member economies under a common format which reflects the diversity of approaches that could be adopted by member economies.

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## Mechanism and Responsibilities of Stakeholders

Host Economy	Review Team	EWG	APERC
<ul style="list-style-type: none"> <li>Plan review process</li> <li>Prepare Documents for Review</li> <li>Arrange logistical needs</li> <li>Assess the preliminary and the draft final report</li> </ul>	<ul style="list-style-type: none"> <li>Conduct the review</li> <li>Present findings and recommendations in the preliminary report</li> <li>Prepare the draft final report</li> </ul>	<ul style="list-style-type: none"> <li>Discuss and Endorse the draft final report</li> <li>Report to APEC Senior Officials</li> </ul>	<ul style="list-style-type: none"> <li>Coordinate the review team formation with the host economy</li> <li>Coordinate the draft final report preparation with Host Economy</li> <li>Prepare the guidelines for PREE</li> </ul>

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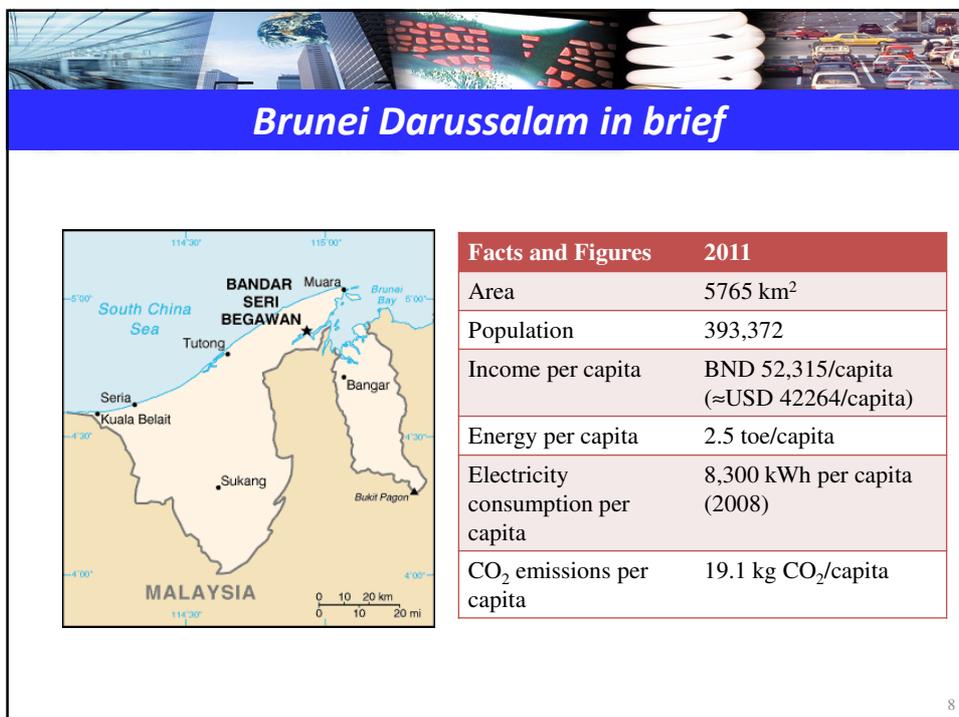


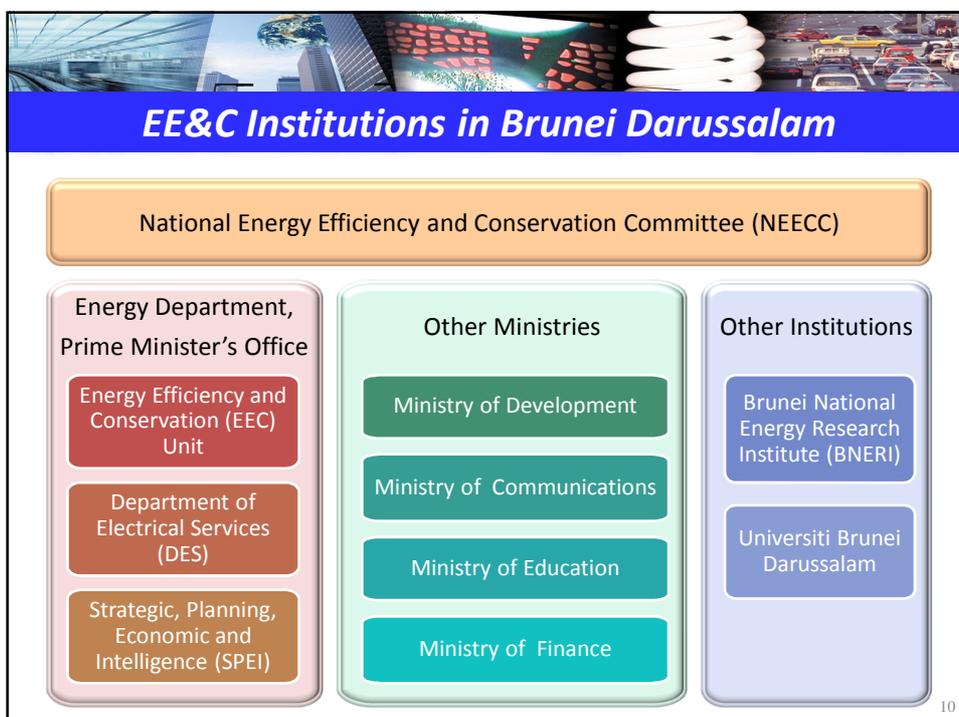
## Previous PREEs

<b>NEW ZEALAND</b> 23-27 February 2009	<b>CHILE</b> 16-20 March 2009	<b>VIET NAM</b> 8-12 June 2009	<b>THAILAND</b> 9-14 November 2009
<b>CHINESE TAIPEI</b> 22-27 August 2010	<b>PERU</b> 8-12 November 2010	<b>MALAYSIA</b> 29 Nov-3 Dec 2010	
<b>INDONESIA</b> 10-14 October 2011		<b>PHILIPPINES</b> 6-10 February 2012	
<b>BRUNEI DARUSSALAM</b> 10-14 June 2013			

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## Overview of EE&C Measures in Brunei Darussalam





# PREE in Brunei Darussalam

10-14 June 2013



## *EE&C Issues Covered in PREE Brunei Darussalam*

- Institutional Context**
- Energy Efficiency Goals, Targets and Strategy**
- Energy Data Collection and Monitoring**
- Policy Measures - Residential, Commercial, Government and Industrial Sectors**
- Policy Measures - Transport Sector**
- Policy Measures - Electricity Sector**
- Policy Measures - Appliances and Equipment**

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### PREE Brunei Darussalam Key Findings

- Brunei Darussalam enjoys a **high GDP per capita** that is among the highest in the region due to the **abundant oil and natural gas resources**.
- Prioritizing energy efficiency initiatives will free up more oil and gas for exports to increase or prolong export revenues.
- Energy efficiency initiatives face **substantial barriers** due to the current energy pricing mechanism, which in the long-run may not be sustainable.
- Brunei Darussalam has already identified key policy options that should be implemented in order to achieve the **goal of 45% reduction in energy intensity by 2035** (using 2005 as the base line)

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### PREE Brunei Darussalam Recommendations

➔

- The PREE Review Team made 47 recommendations
- PREE recommendations are tailored towards:
  - aligning and prioritizing policy options under a unified framework
  - sharing innovative EEC approaches that are suitable for Brunei Darussalam

4	Institutional Context
3	Energy Efficiency Goals, Targets and Strategy
4	Energy Data Collection and Monitoring
15	Policy Measures - Residential, Commercial, Government and Industrial Sectors
7	Policy Measures – Transport Sector
9	Policy Measures – Electricity Sector
5	Policy Measures – Appliances and Equipment

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**Photos from PREE Review Team Visit**

Site Visit to Bukit Pangkal CCGT Power Station

Meeting with Minister for Energy

PREE Review Team and Ministry Officials

Visit to BNERI and UBD

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**Thank you for your kind attention**

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

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