

Summary Workshop
PROMOTION OF ENERGY EFFICIENCY AND CONSERVATION
SOME-METI WORK PROGRAMME 2006-2007
Future Plan for PROMEEC- Buildings
(2007-2008)



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27th - 28th February 2007
Seria, Brunei Darussalam

1. Activities in 2006 – 2007

(The detailed activities have been Presented)

- (1) Follow-up Survey and Energy Audit in Brunei Darussalam, **Philippines and Vietnam (HCMC)**
- (2) Local Seminar - Workshop for Dissemination
- (3) Development of Technical Directory
- (4) Development of Local DB / BM / GL

2. Basic Direction for 2007 - 2008

The 4th Year of Phase - 2

**Continuation of the similar activities as in 2006-2007
in different 3 Countries**

- (1) Follow-up Survey / Energy Audit**
- (2) Local Seminar-Workshop for Dissemination**
- (3) Development of Technical Directory**
- (4) Development of Local DB / BM / GL**

Updated Plan of 2nd Stage (2004 - 2008)

Project	Step	Activities	2004-05	2005-06	2006-07	2007-08	
Building	Step-1	● Disseminate Energy Audit (OJT Training of Energy Audit)	■			■	■
		● Follow-up the realization of the recommendation (check by follow-up survey & e. audits)	■			■	---
	Step-2	● Develop local DB/BM/GL (Seminar/Workshop)	■			■	■
		● Develop Technical Directory (Seminar/Workshop)	■			■	■
	Step-3	● Establish local DB/BM/GL	■			■	■
		● Investigation/study by the taskforce (ASEAN Internal Benchmarking)	■			■	■
		● Establish DB/BM/GL system for ASEAN			■	■	■
		● Disseminate Technical Directory				■	■

3. Activities for 2007-2008

1. **Follow-up Survey / Additional Energy Audit in 4 ASEAN Countries (Singapore and other 2 countries)**
 - **OJT for the local engineers (More involvement of the local engineers and giving the opportunity for the engineers from other ASEAN countries to join the audits)**
 - **Identification of the present energy consumption and their own benchmark (Target)**
 - **Identification of the barriers and the actual implemented measures recommended by their own team or the Japanese experts through the energy audit**
 - **Recommendations for EE & C**
 - **Identification of Barrier and Measures**

2. **Local Seminar-Workshop for Dissemination in Singapore and other 2 countries (Inviting the Presenters from Host Countries (at least 2 successful cases: The buildings audited by the Local Audit Team) and Other ASEAN Countries (4 cases))**

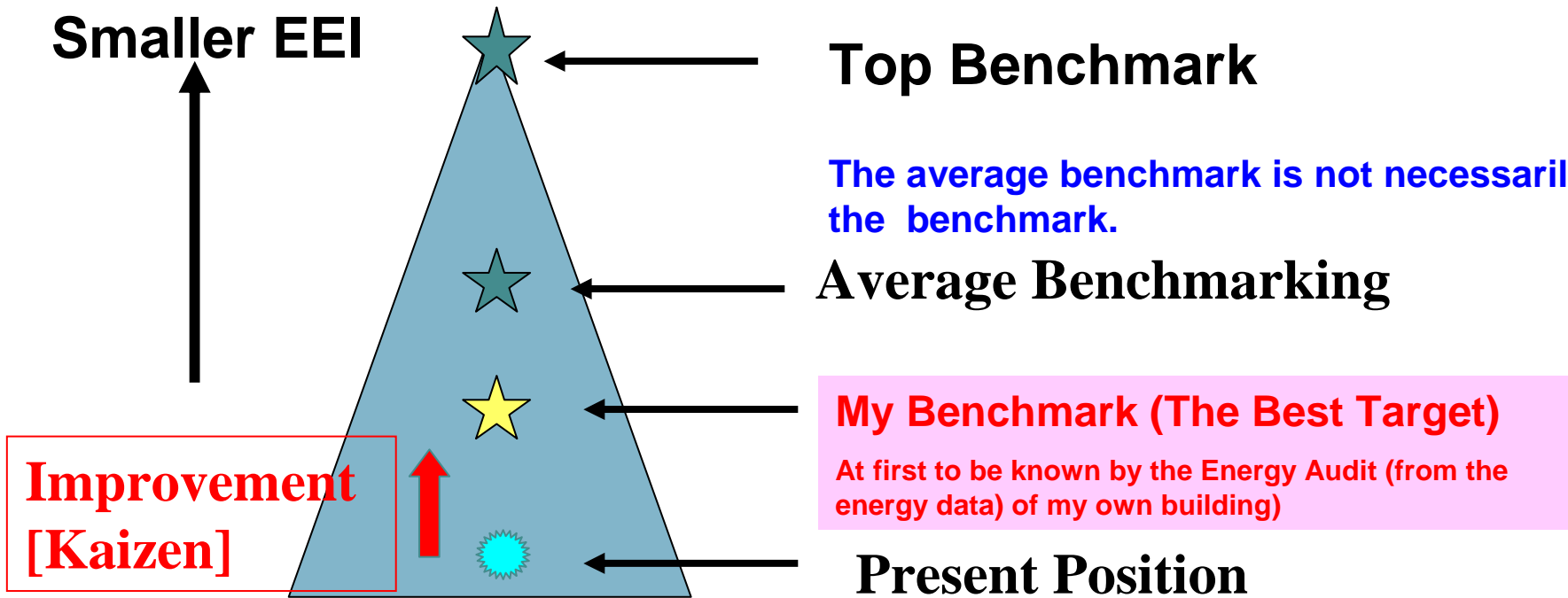
3. Activities for 2007-2008

(Continued)

- 3. Development of Technical Directory by all the ASEAN countries (Previous PROMEEC audit results, the information and data from the ASEAN Energy Award, etc.)**
- 4. Development of Local Database / Benchmark / Guideline for Building by all the ASEAN countries (Previous PROMEEC audit results, the information and data from the ASEAN Energy Award, etc.)**
- 5. Continued Joint Activities with “ASEAN Benchmarking”**
- 6. Continued activities for the support to the evaluation by BOJ for ASEAN EE & C Award System of Best Practice and Energy Management for Buildings**

4. The Key Issue for the PROMEEC (Building) 2007 to 2008

Importance of Energy Data Collection (Again!) : Setting the own target
To Know My Best target (My Benchmark) by the Energy Audit (Survey)



Importance of Collecting and Analysis of the Energy Data

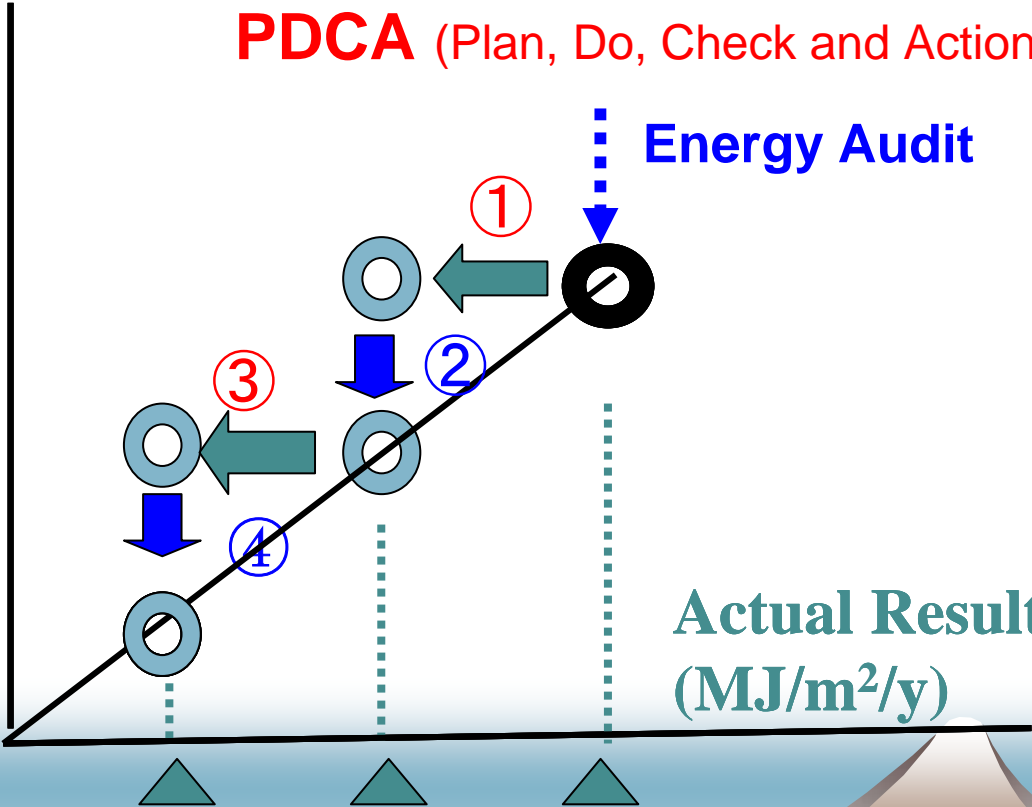
Setting the own target

To Know My Best target (My Benchmark) by the Energy Audit (Survey)

The results of the Energy Audit (the EEI Management Tool) ($\text{kWh/m}^2/\text{y}$)

←..... Implementation of EC measures

PDCA (Plan, Do, Check and Action)



Actual Result ($\text{MJ/m}^2/\text{y}$)

(DRAFT) Basic Time Schedule for 2007 - 2008

PROMECC/Building for 2007-2008 - Implementation Schedule -

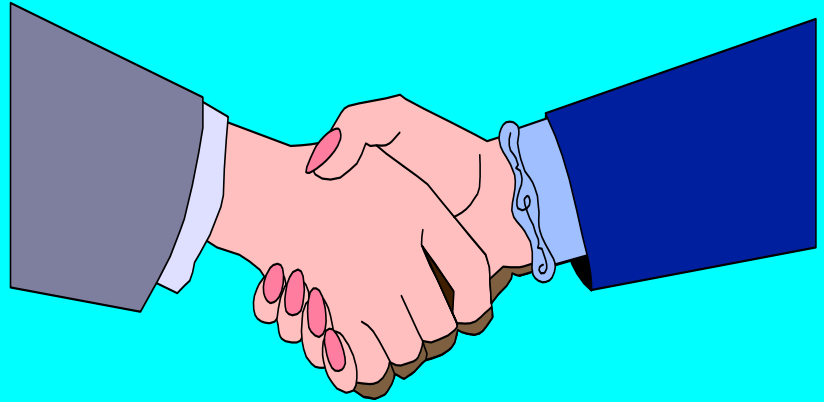
ECCJ
21-Feb-07

Project / Activities	2007												2008			Remarks	
	Apr	May	Jun	Jul	Aug	Sep	OCT	Nov	Dec	Jan	Feb	Mar					
(Overall)																	
(1) Project Plans / Preparatory Work	█	█															
(2) Contract with ACE		█	█	█													
(3) Inception Workshop (7/6-7/7)				█													
(4) Implantation of Projects				█	█	█	█	█	█	█	█	█	█	█	█	█	
(5) Post Workshop (2/27-2/28)													█	█	█	█	
(6) Preparation of Report													█	█	█	█	
(Building)																	
(1) ASEAN EE&C Building JEM Award			█	(Ceremony)	*	()			()								
(2) Detailed Plan			█	█	█												
(3) Preparation for the Site Activity				█	█	█	█	█	█	█							
(4) 1st Activity (Brunel)										█							
(5) 2nd Activity (Philippines)											█						
(7) Preparation of Report													█	█	█	█	

█ : Key activities

Thank You

Very Much



The Energy Conservation Center, Japan