

SEforALL (Sustainable Energy for All)
International Workshop in Japan
on Energy Efficient Building

Guidance for Group Work

Wednesday, 15 February 2017 Tokyo Japan
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The Energy Conservation Center, Japan

Methodology

➤ Country Report :

Current status of the countries in terms of;

- Recognition of Present status and future plan at the moment
- Barriers
- Conceivable countermeasures

➤ Works (lecture, site visit and discussion etc.)

➤ Roadmaps :

Measures to enhance the performance of EE&C of the building and cooperation in the future between ASEAN and Japan (ECCJ)

Procedure

- **14 Feb. 14:45 ~ 17:00**: Country Report Presentation
- **15 Feb. 15:40 ~ 16:10**: Guidance for Group Work
 - **Group formation (2 groups)**
 - **GroupA: Singapore, Indonesia, Malaysia, Philippines**
 - **GroupB: Thailand, Cambodia, Lao PDR , Myanmar,**
 - **How to proceed the discussion**
 - **Role to be born among members**
 - **leader-elect – underlined country (ECCJ designated to be reconfirmed by group members.)**
 - **recorder etc.(accordingly with necessity) to be decided by group members**
 - **Exchange of opinion and information among participants**
 - **Q & A between participants and adviser**
 - **Advisers**
 - **GroupA(exclusive): Mr.Kawaguchi(ECCJ)**
 - **GroupB(exclusive): Mr.Tanaka(ECCJ)**
 - **Common: Dr.Petrichenko, Mr.Miyta(NILIM), Ms.Nishida(Tokyo), Mr.Zamora(ACE), Mr.Sato/Mr.Kitamura(ECCJ), Mr.Ushio(ECCJ), Mr.Ogawa(ECCJ)**
- **15 Feb. 15:40 ~ 17:00 and 16 Feb. 09:00 ~ 10:40**: Summary
- **16 Feb. 11:00 ~ 12:30**: Wrap-up

<ref.> Basic Rule of Group Work

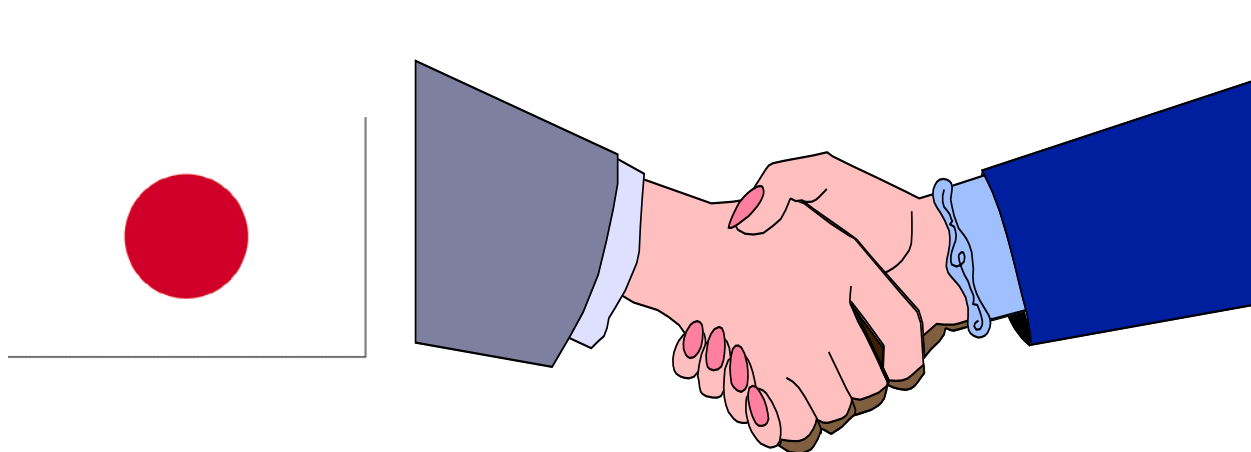
**This Group Work is a kind of Brain Storming.
Share the knowledge, experience etc.**

- Every member participates and contributes
- Free idea, free talk
- No criticizing another's comments
- Lots of ideas gathered

Work out your own solutions by the aid of someone else's advice

- Examine ideas
- Compare alternatives
- Study with many factors considered
- Prioritize activities in Mid-Long term base
- Make a plan (solution) with implementing time table

Thank You Very Much



省エネのシンボルです
SMART CLOVER

For More Information;
The Energy Conservation Center, Japan
<http://www.eccj.or.jp> <from 1996>
Asia Energy Efficiency and Conservation Collaboration Center
(Established in April 2007)
<http://www.asiaeec-col.eccj.or.jp>
Japanese Business alliance for Smart Energy-Worldwide
(Established in October 2008)
<http://www.jase-w.eccj.or.jp>

The Energy Conservation Center, Japan
Since 1978

The Symbol of Energy Conservation
Since 2005
ECCJ has been spread the symbol mark with the visual image of a four-leaf clover which is thought to bring happiness named as “SMART CLOVER”, representing everyone’s energy conservation activities.

<appendix-1> comparison table

		Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Vietnam
building law regulation	exist or not	x	○	x	○	x	○	○	○	○
	report at newly built	x	○	x	○	x	○	○	○	○
	mandatory or not	x	○	x	x	x	○	○	○	○
related items in building law	wall/roof	x	○	x	○	x	○	○	○	○
	window	x	○	x	x	○	○	○	○	○
	sunshade/caves	x	○	x	x	x	○	○	○	○
	lighting	x	○	x	○	○	○	○	○	○
	cooling	x	○	x	○	x	○	○	○	○
EE&C Law regulation	exit or not	x	○	x	○	x	x	○	○	○
	regulation at newly built	x	○	x	x	x	x	○	○	○
	regulation at use	x	○	x	○	x	x	x	○	○
	regular report of Energy consumption	x	○	x	○	x	x	○	○	○
related items in EE&c law	wall/roof/window	x	○	x	x	x	x	○	○	x
	sunshade/caves	x	x	x	x	x	x	○	x	x
	obliged or not	x	x	x	x	x	x	x	x	x
	reduction target	x	△*1	x	x	x	x	x	x	△*1
Award system	EE&C building	x	○	x	○	x	○	x	○	○
	green building	x	○	x	○	x	x	○	○	x
Labeling system	EE&C building	x	x	x	x	x	x	x	x	x
	green building	x	○	x	○	x	x	○	○	x

<Data source> ECAP9 held in Japan In2015 *1 some industries have it

<appendix-2-①> discussion viewpoints

<final goal>

To work out “roadmap for the effective application of the EE&C laws for every single buildings”

<discussion viewpoints>

- relationship between green building code and EE&C building design codes, guidelines and standards
- collaboration between national and local authorities
nation first or local authorities (city, town, district etc.) first?
- Structure of building EC ACT
like Japan ? i.e.
 - design phase - measures pertaining to the buildings
(Act on the improvement of the EE performance of building)
 - operation phase-measures pertaining to the factories
(Act on the Rational use of Energy)

<appendix-2-②> discussion

<discussion viewpoints> (continued)

- Measures for promotion and dissemination of the law

what to be learned from advanced countries?

- Corporation between Public and Private, Public and (other type of)Public
- Function of National coordinating center, architects etc.
- Work categories to be attended
 - the action for design phase and the one for operation phase
 - residential and non-residential sector
- Introduction of stick and carrots(financial incentives, Award System etc)
- On-the-job training for Building Energy management system and TOT
- Requested support by the international organization such as
 - C2E2- as the leader of the Building Efficiency Accelerator Platform (SEforALL)
 - ECCJ- in the area of raising awareness, capacity building etc