



# Final Report of Myanmar

*REFINEMENT OF ASEAN ENERGY AWARD SYSTEM BY THE DISCUSSION OF  
GROUP WORK AND IMPROVEMENT TO INCREASE ENTRIES FOR ASEAN  
ENERGY AWARD*

*ECAP 14*

SUBMITTED BY

MS. NAING NAING LINN

DIRECTOR FOR ENERGY EFFICIENCY AND CONSERVATION DIVISION

MINISTRY OF INDUSTRY, MYANMAR

Tokyo, Japan

1<sup>st</sup> Dec , 2017



# Comments on proposal of Malaysia to improve ASEAN Energy Award System

---

## **Proposal 1**

Good to consider to mention detailed criteria in marking scheme which are the same as the guideline manual of ASEAN Energy Awards 2017 (Page 8 to 16) but the detail score weight should not be fixed so that BOJs can be decided according to their own expert experiences.

## **Proposal 2**

This point is not really necessary because the guideline manual already mentioned that maximum score to be set. It also has pros and cons on judging process and numbers of winners.



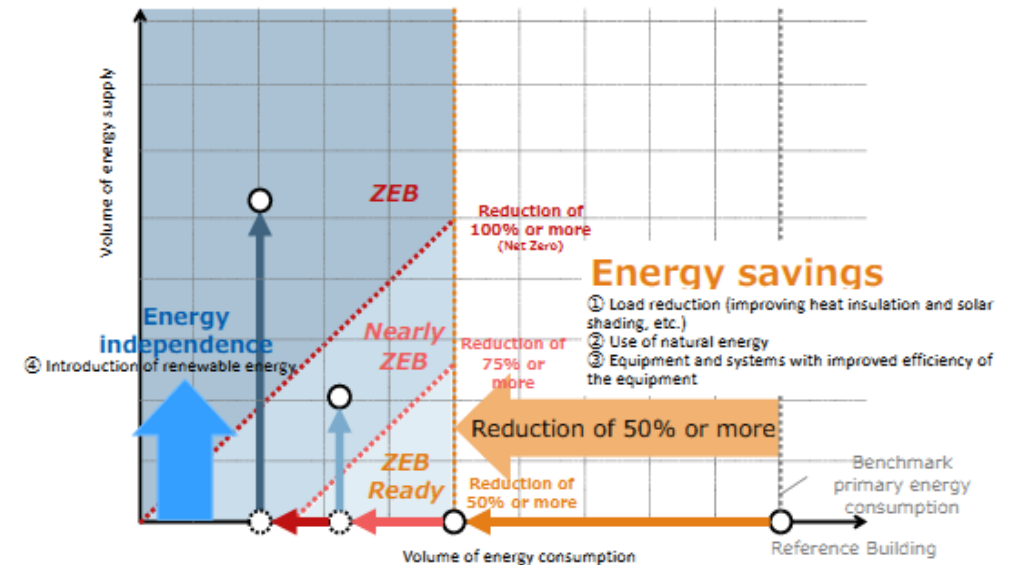
# Concept to ZEB into ASEAN Energy Award System

- It is a good category to consider and put under SPECIAL Submission Category.
- There needs clarification for score sheet about summary of Zero Energy Building definition. Example;

At least 50% Energy saving for such building according to their own country's building standard reference " Building Envelop standard and equipment standard of CEC for Air conditioning, Ventilation,....." and so on.

## Eg. Sample Diagram of ZEB

### 2. (2) Definition and evaluation methods of ZEBs (Image of ZEB definition)





# How to promote BEC/ GBC in Myanmar

---

1. Survey and establish standard for new and existing buildings to be BEC or GBC according to country situation;
  - Seasons and Weather of the country
  - Safety
  - Affordability
  - Available Construction materials
  - Rules and Regulations
  - People Comfortability and Living standard
2. Cooperation and coordination is really important between ministries and building association especially for construction and energy efficiency
3. Seek for international expertise who already has the best practices
4. Raise public awareness and consultation
5. More encouragement and incentives programme such as publication in mass media for the effort or work permit for construction companies, etc.



# Why less entries to AEA

---

- To compete in AEA, the companies/ business owners need the following factors to be prepared and completed;
  - Strong Willingness
  - Working team/ Management team and Expertise
  - Investment and Time
  - Implementation (manage the energy yearly or building design before construction or retrofit)
  - Documentation
- Expectations from their side is the benefits in terms of finance, business penetration and company reputation as the last. But even when they became winners for AEA, their expectations were not fulfilled and not much satisfied. That's from one case study survey by me.
- According to current country situation, most of the companies are facing many challenges to survive their own business because most of them are SMEs. So, lack of knowledge for energy efficiency benefits or couldn't care to pay for energy cost to compare with other cost or for many reasons, the programme couldn't attract for most of them.



# How to promote this situation

---

- National Awarding system has to be established along with the encouragement and incentives programme for them such as;
- Establish the fund for recognition the entries and the winners
- Publication for company's reputation such as top ten announcement in newspaper or Ministry website
- Educate the businesses for energy saving benefits in terms of financial profit focus
- More Pilot Programmes or projects to be implemented and more coordination
- Electricity Tariff system to be improved for commercial and establish feed-in tariff system



## 3 years Action Plan for (2018-2020)

Sir No.	Plan Description	2018	2019	2020
1	Building Design Survey	▨		
2	Improvement on National Building Code		▨	
3	Setting Standard for Building Energy Efficiency Guideline		▨	
4	Public Awareness for Energy Efficiency Benefits in terms of Pilot Project			▨
5	National Energy Award System		▨	
6	Incentive Programmes			▨



# Request for the AJEEP Activities

---

- Assistance to implement more practical pilot programmes or activities related to energy efficiency in industries and buildings especially in CLM countries.

**Thank you!**

