



# Wrap – Up & Summary Session ECAP 17 9 November 2018

Presented by:  
ASEAN Centre for Energy





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# Outline

- Objectives
- Key Results
- Way Forward



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# Objectives

- 1) Establish an evaluation criteria for the ZEB Ready sub category within the AEA system through discussions among the AMSs by the aide of the lectures, site visits and group discussions
- 2) Establishing an action plan for development and implementation of BEC and GBC in ASEAN region.
- 3) Refinement of evaluation criteria and BOJ procedure of the ASEAN Energy Award



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# Key Results

## ZEB Ready Evaluation Criteria

- 1) Principles: Energy Efficiency has to be achieved first, followed by RE. The judging phase shall recognise both efforts and results achieved. The completed and occupied building project with more than 1,000 sqm are applicable for entry (New & Existing Building).
- 2) Each country can submit maximum two (2) entries. Previous year winners are allowed to submit entries.
- 3) ZEB criteria (Energy Savings)

	A	B
Net ZEB:	100%	100%
Nearly ZEB:	75%	60%
ZEB Ready:	50%	40%
ZEB Oriented:	-	30%

Focal Points to decide which criteria will fit to country's situation.



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# Key Results

## ZEB Ready Evaluation Criteria

- 3) Baseline: Focal Points shall select the baseline used as the reference between:
  - By Simulation
  - By Building Energy Code
  - By Data Collection Method (Average of existing energy consumption)
  - By using 2000-2005 Energy Consumption Data
  - By using the building energy consumption data before retrofitting (vs. after retrofitting)
- 4) Additional Criteria:
  - The energy audit management and maintenance plan shall be described clearly (When , Who, How , How often should be included)
  - Project shall show cost effectiveness, i.e. ROI or simple payback period (optional)
  - Project shall demonstrate six core elements of ZEB (optional)
  - Project shall demonstrate Indoor Environmental Quality impact (optional)
  - Project shall describe the roadmap plan to realize net ZEB in the future with timeline. (When , Who, How)



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# Key Results

## ZEB Implementation Action Plans

- 1) Organise promotion/awareness seminars or workshops on ZEB.
- 2) Case Study Sharing on the ZEB Best Practice.
- 3) ASEAN ZEB/ZEB Ready Award Project Compilation.
- 4) AEA Winner Site Visit at BOJ session.

## Proposed Refinement of Evaluation Criteria and BOJ Procedures of ASEAN Energy Awards

- 1) Suggest to get back to the initial judging process. (without pre-judging)
- 2) To simplify the report format (maximum pages of the reports)
- 3) To include PDCA in the reports.
- 4) To have additional presentation session for the ZEB entries during the BOJ Meeting.
- 5) To add Energy Usage Intensity as the parameter besides EEI



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# Way Forward

- 1) ACE to update the guideline by incorporating the results of ECAP 17 and circulate it to EE&C Focal Points by next week.
- 2) ACE to circulate questionnaire to EE&C focal points on the ZEB criteria and baseline selection by next week.
- 3) Focal Points to decide the each country's baseline before 21 December 2018.



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THANK YOU