



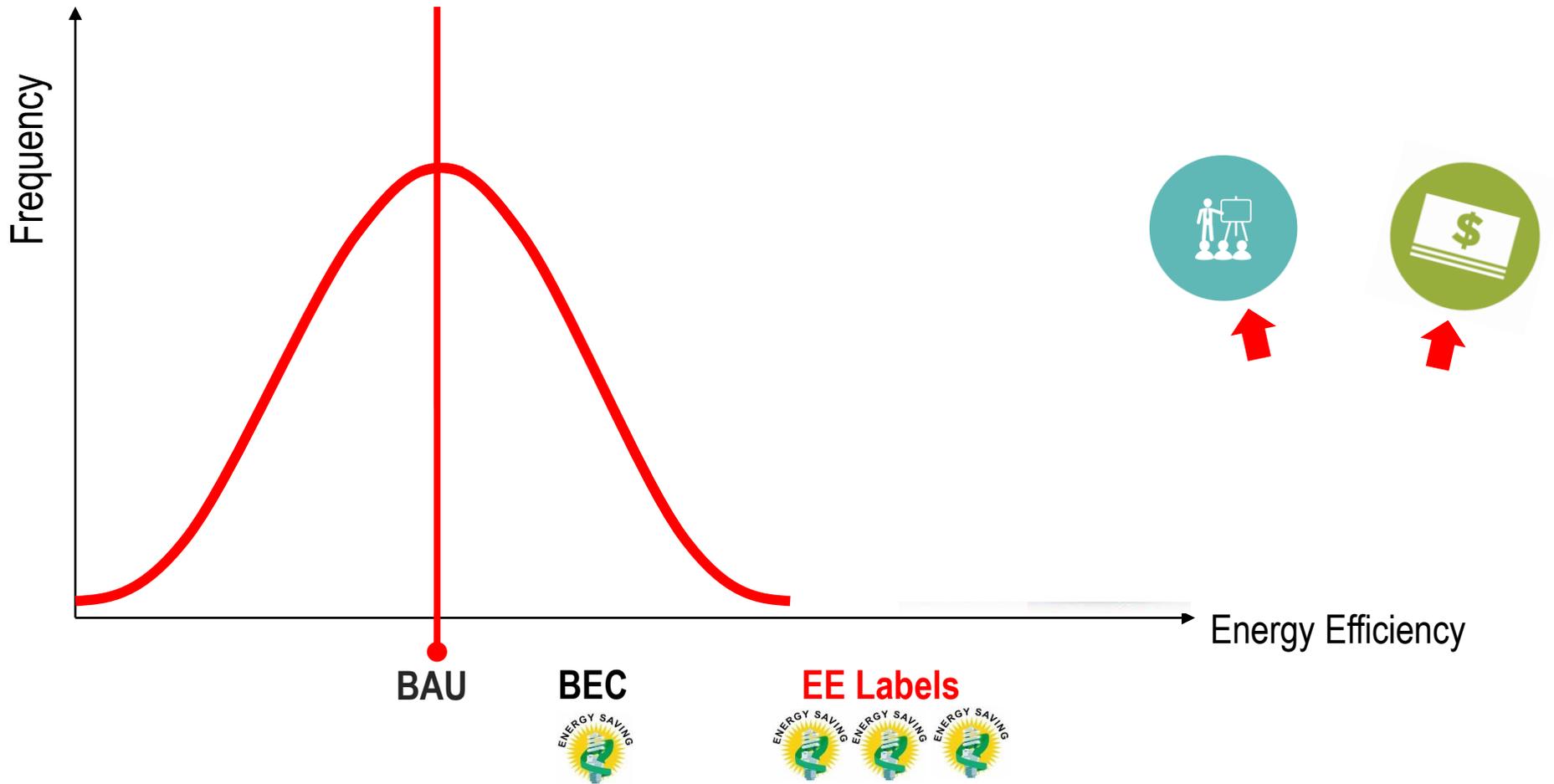
TGP-EEDP BEC Activities

Objective of the Meeting

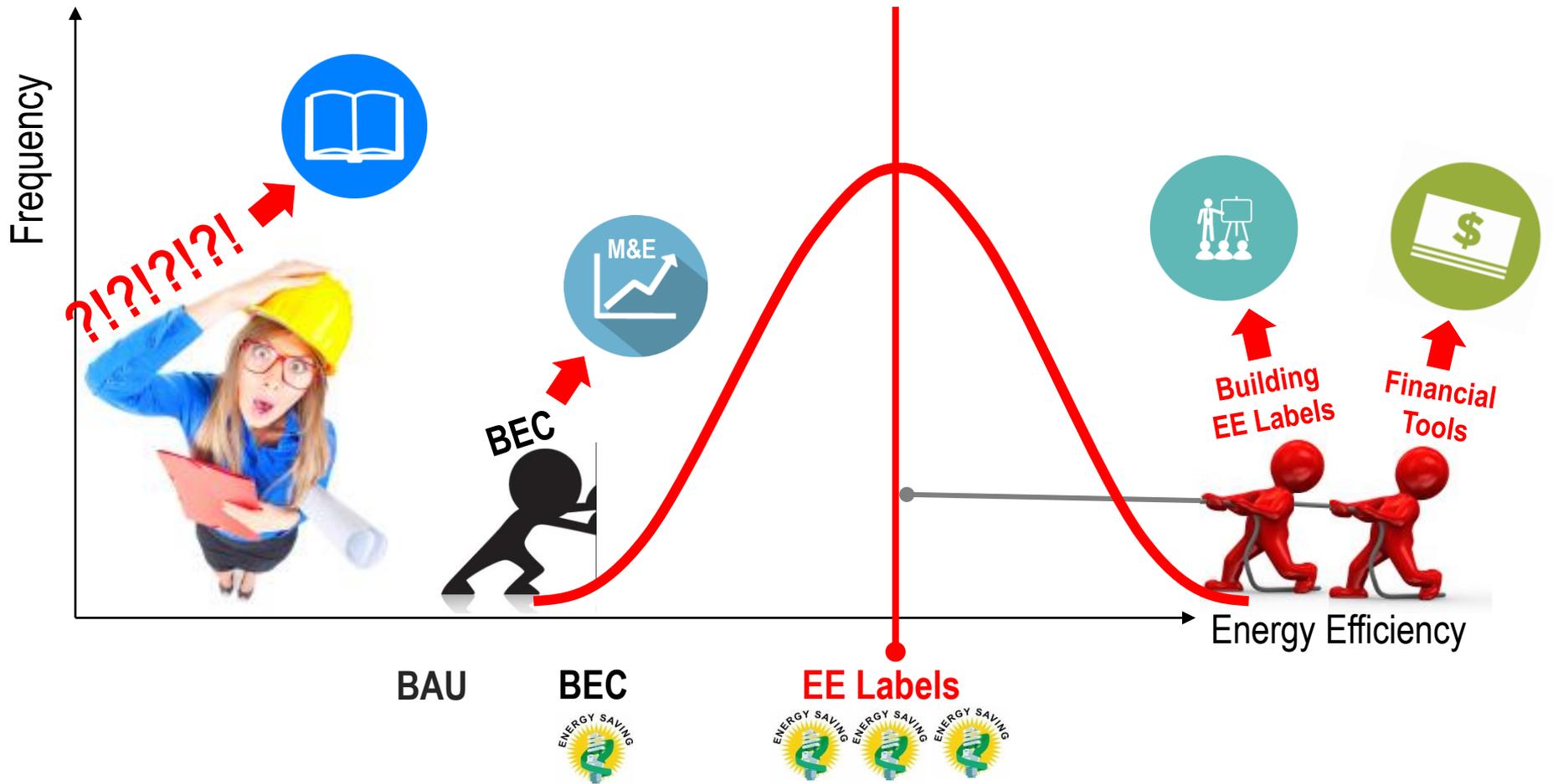
- To update on TGP-EEDP activities on Building Energy Code and discuss further collaboration with DEDE
 1. BEC Data base training/handing over
 2. Architectural Guidebook
 3. Financial tool for higher energy efficiency building
 4. BEC MRV/M&E



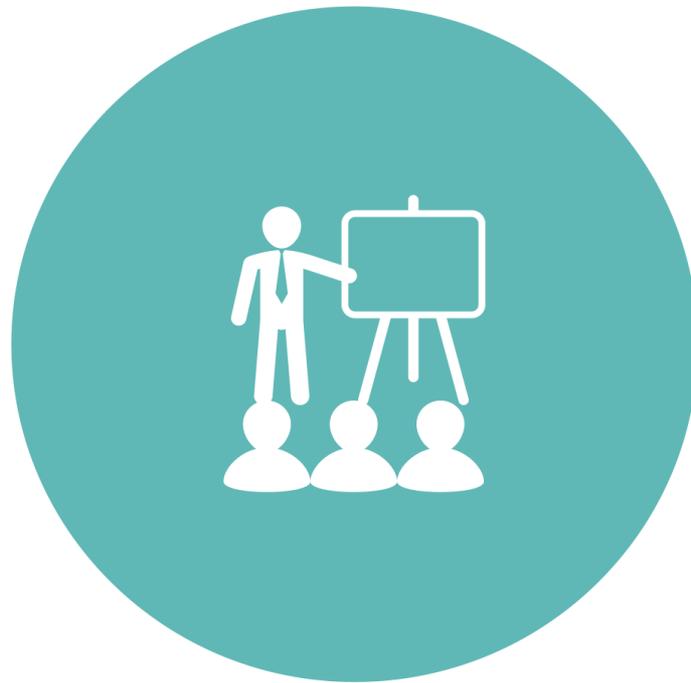
Push & Pull Building Mechanism for Building Energy Efficiency Programs



Push & Pull Building Mechanism for Building Energy Efficiency Programs



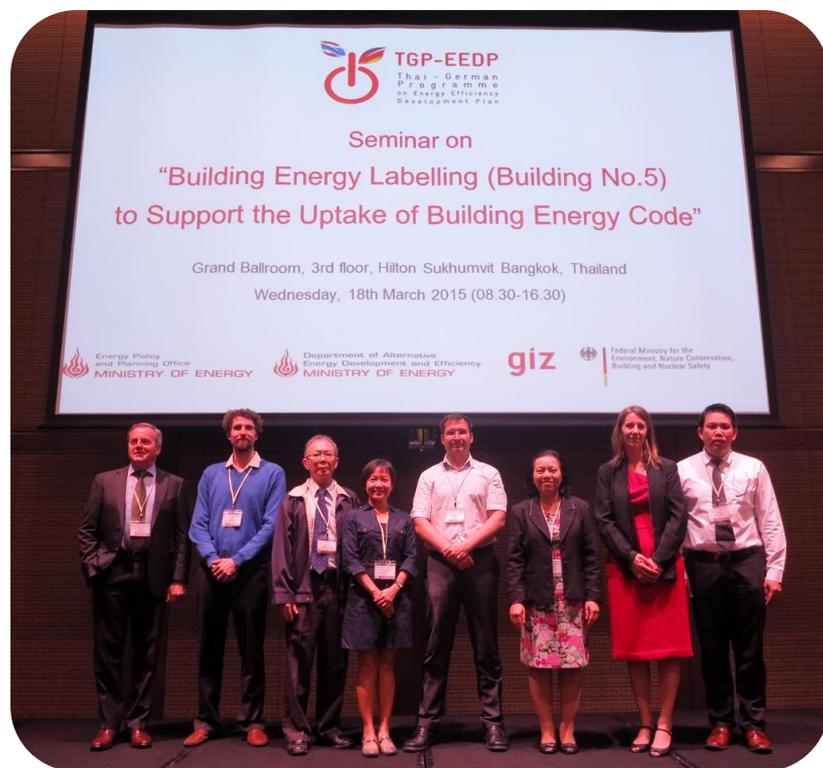
1. BEC Data base *training* */handing over*





1. BEC Data base training/handing over

Activity introduction:



A Study on Building Energy Labeling to Support the Uptake of Building Energy Code

Objective of the activity

- In order to improve uptake of Building Energy Code, it is relevant to know **what is the state of the art** in energy efficiency of new buildings
- Analysis of state of the art may lead to **adjustment of BEC** standards
- In order to **introduce Building Energy Labels, BEC tightening** on the basis of the labels



1. BEC Data base training/handing over

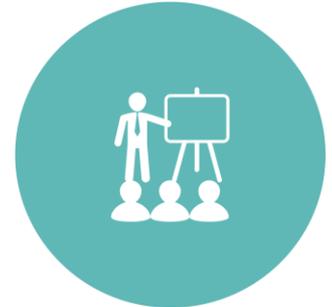
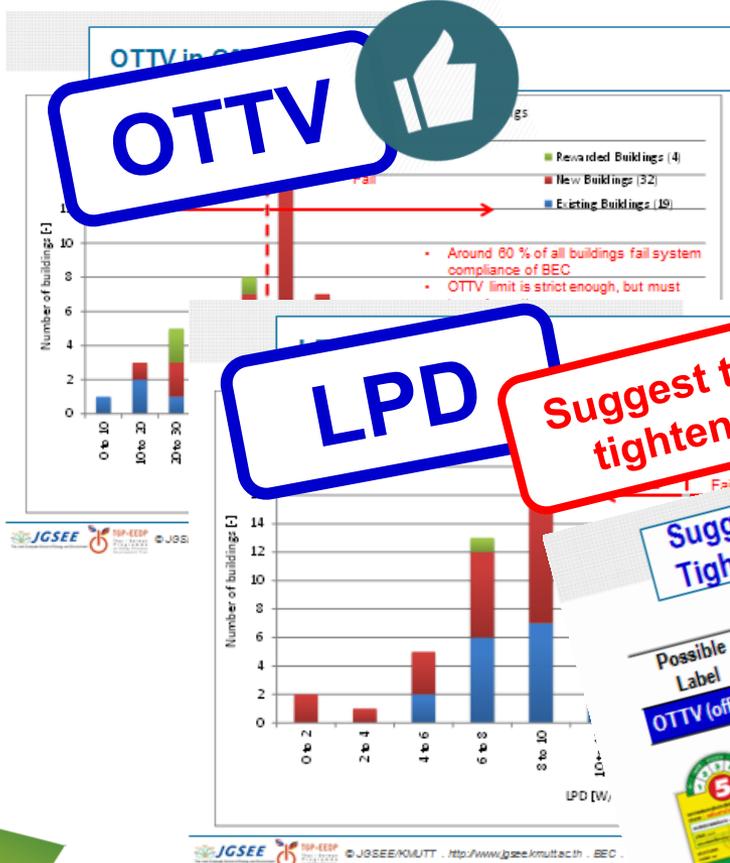
A Study on Building Energy Labeling to Support the Uptake of Building Energy Code



257 Building data from DEDE



Analysis



Suggestion for Building Energy Label and BEC Tightening Scheme

Possible Label	Current BEC	Suggested BEC	BEC+	HEPS	HEPS+	ECON	ECON+	NZEB
OTTV (office)	50	50	40	30	25	20	17.5	15

1 2 3 4 5

Label becomes minimum BEC requirement	BEC 2015	BEC 2016	BEC 2019	BEC 2022	BEC 2025	BEC 2028	BEC 2031	BEC 2034

Remark: These labels need to be further developed and approved by MoE



1. BEC Data base training/handing over

Activity: BEC Data base training/handing over

Objective of the activity:

- To present and disseminate a final result of the “A Study on Building Energy Labelling to Support the Uptake of Building Energy Code” to DEDE who is going to continue on this topic
- To present and disseminate the methodology of the study analysis

Timeline: 1 day training in Mid August

Work plan/Progress: 5%

- Meeting with DEDE
- Preparation of training



1. BEC Data base training/handing over

Collaboration with DEDE:

- Send DEDE staff to attend the training

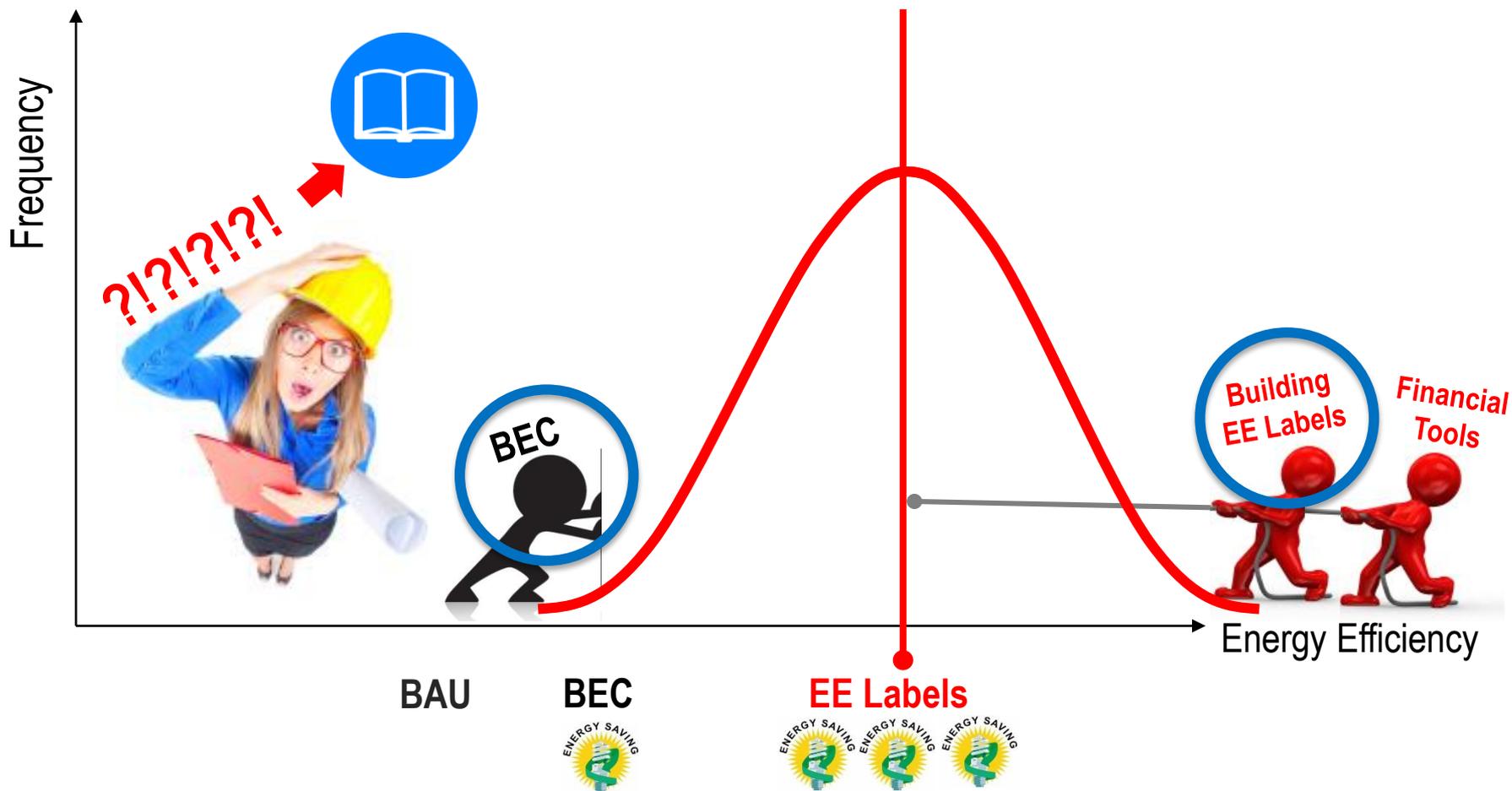
2. Guidebook for high EE buildings





2. Architectural Guidebook for high EE buildings

Activity introduction:





2. Architectural Guidebook for high EE buildings



การพัฒนา



”คู่มือแนวทางการออกแบบอาคารอนุรักษ์พลังงาน
ประสิทธิภาพสูงเชิงสถาปัตยกรรม”

Development of
“Architectural Guidebook for High Energy Efficiency Building
Design”



2. Architectural Guidebook for high EE buildings

Activity: Development of Architectural Guidebook for High Energy Efficiency Building Design

Objective of the activity:

- To develop a guidebook to inspire/convince building developers and/or architects to design high energy efficiency building

Timeline: 5 months (April – August 2015)

Work plan/Progress: 25%

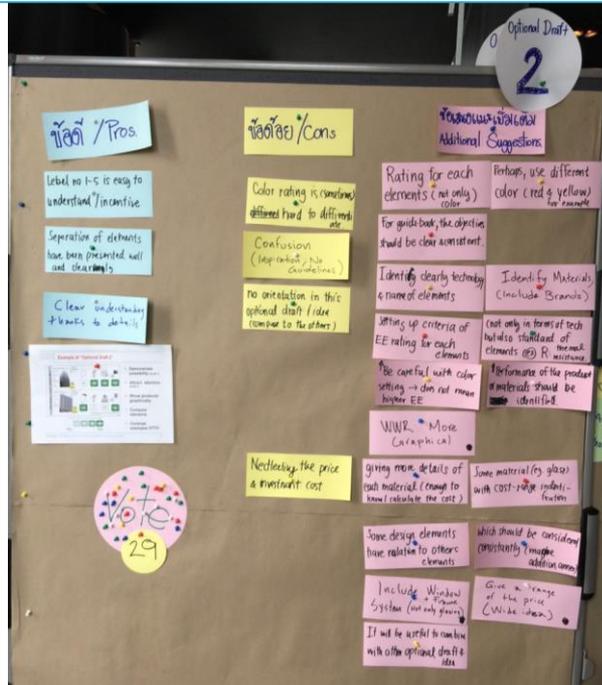
- Recruited a new intern to work with international expert (Robert) and local expert (Dr.Surapong)
- Developed guidebook design optional drafts for an expert meeting
- Organized an expert meeting on 15 June 2015
- Developing the guidebook



2. Architectural Guidebook for high EE buildings



Expert Meetings: Development of “Architectural Guidebook for High Energy Efficiency Building Design”
Monday 15th June 2015





2. Architectural Guidebook for high EE buildings

Working Team: Robert, Jose

Collaboration with DEDE:

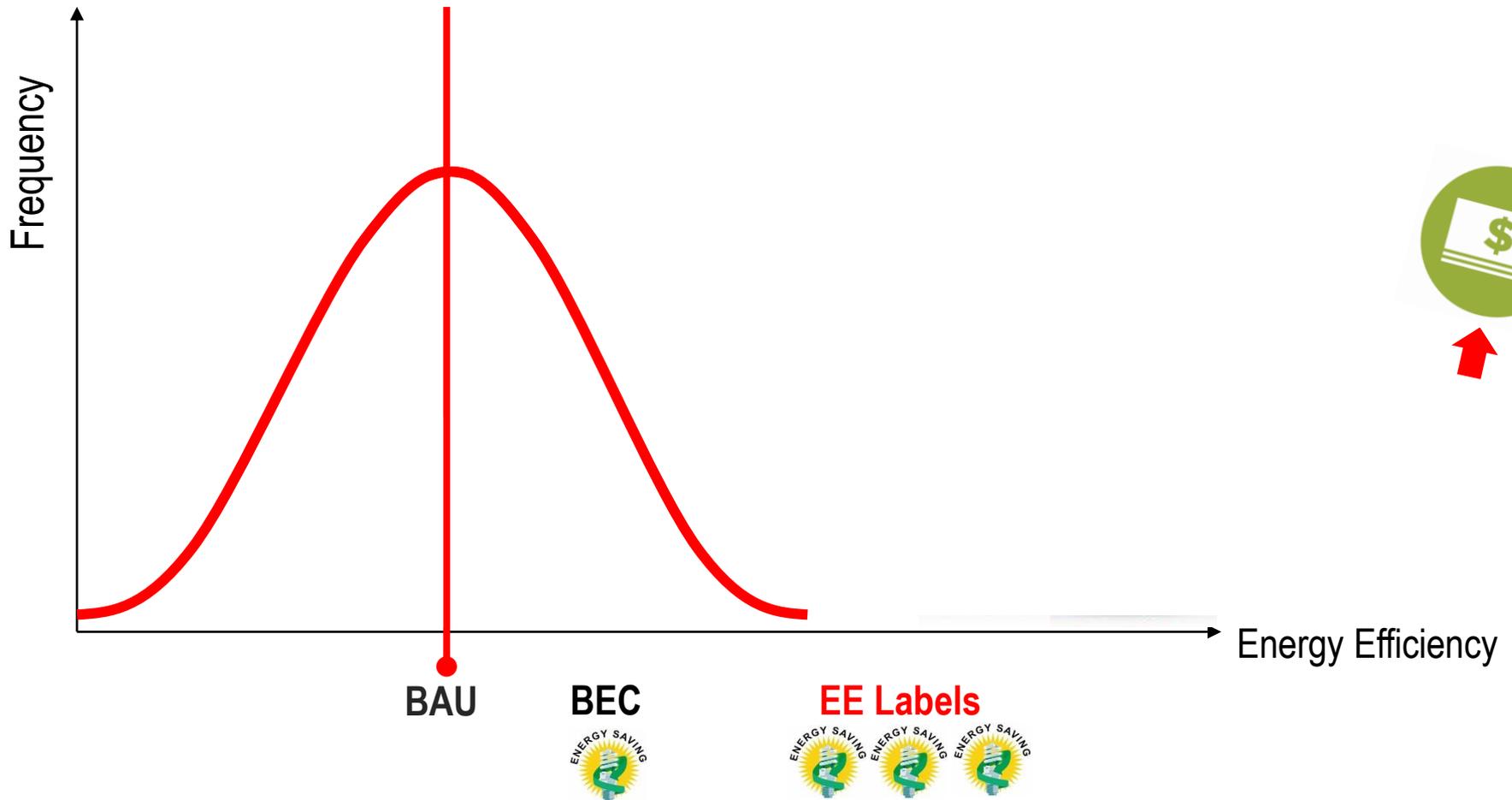
- Develop the guidebook together with 2E Building center

3. Financial tool for *higher energy efficiency building*





3. Financial tool for higher energy efficiency building





3. Financial tool for higher energy efficiency building

Activity: Analyzing Incentives and Financial Mechanisms to promote High Energy Efficient Buildings in Thailand

Objective of the activity:

- To analyse and suggest potential incentive and financial mechanisms for Thailand to encourage high energy efficient building.

Timeline: 6 months (June – November 2015)

Work plan/Progress: 20%

- Organized a seminar on 18 March 2015
- Recruiting a consultant



3. Financial tool for higher energy efficiency building

Collaboration with DEDE:

- Review and give feedback to the activity

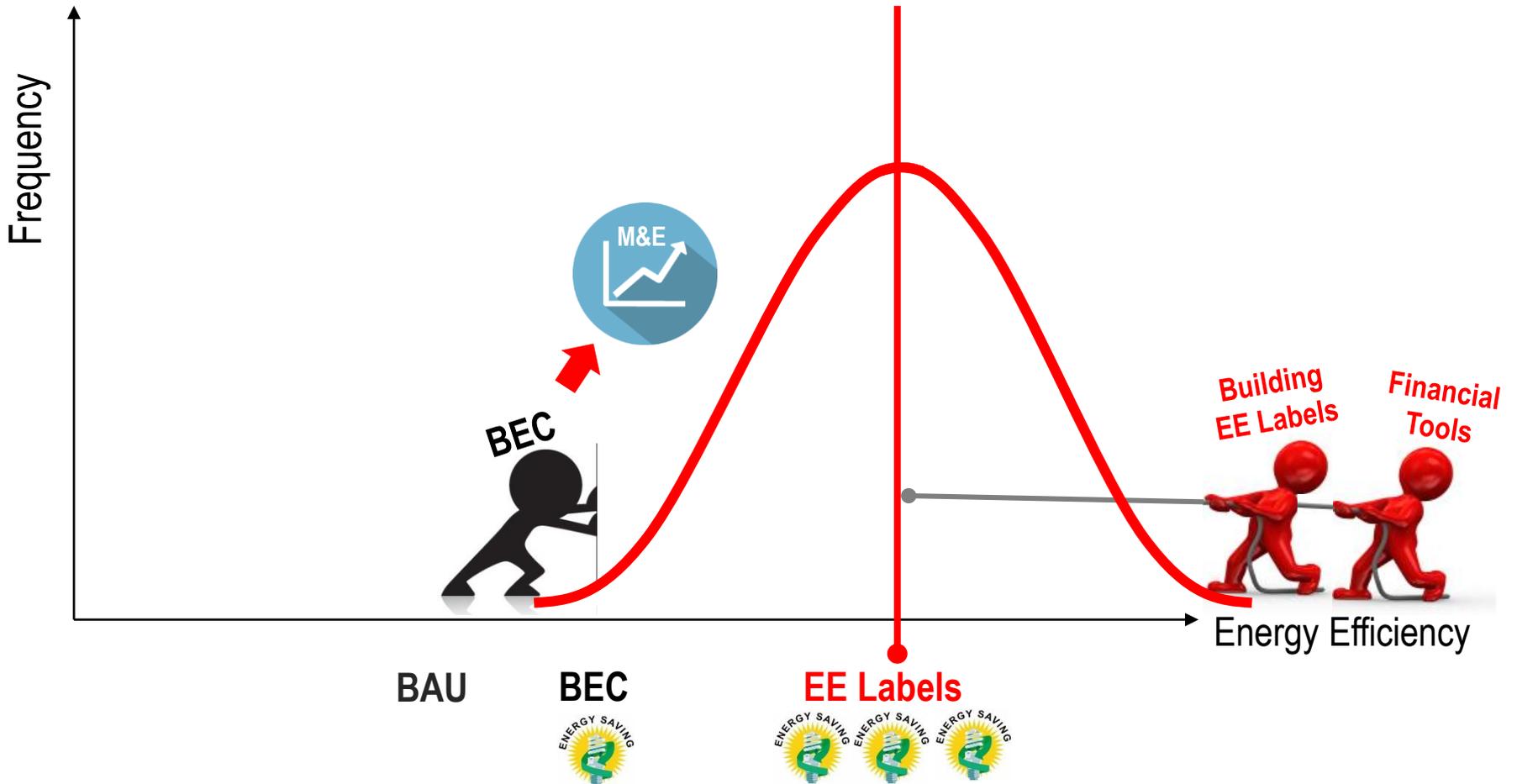
4. BEC MRV/M&E





4. BEC MRV/M&E

Activity introduction:





4. BEC MRV/M&E

Activity: Developing of M&E scheme for Thai BEC

Objective of the activity:

- To develop and suggest M&E system for BEC to the support the implementation of the BEC enforcement

Timeline:

Work plan/Progress: 50%

- Draft report “MRV for BEC” (Wupp.)
- BEC Expert meeting
- Expert roundtable September 2015



BEC Expert Meeting on 29 April 2015



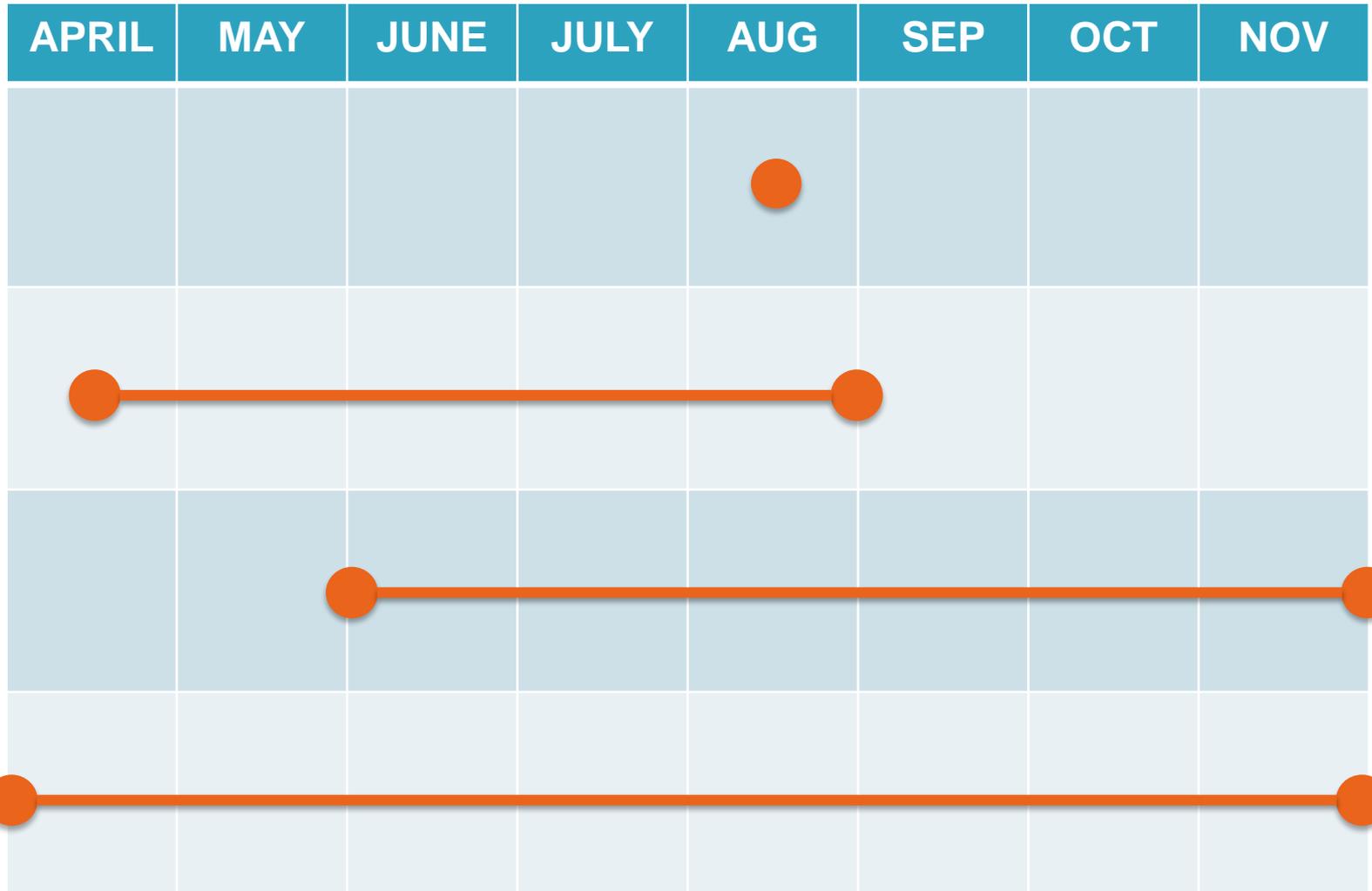
4. BEC MRV/M&E

Collaboration with DEDE:

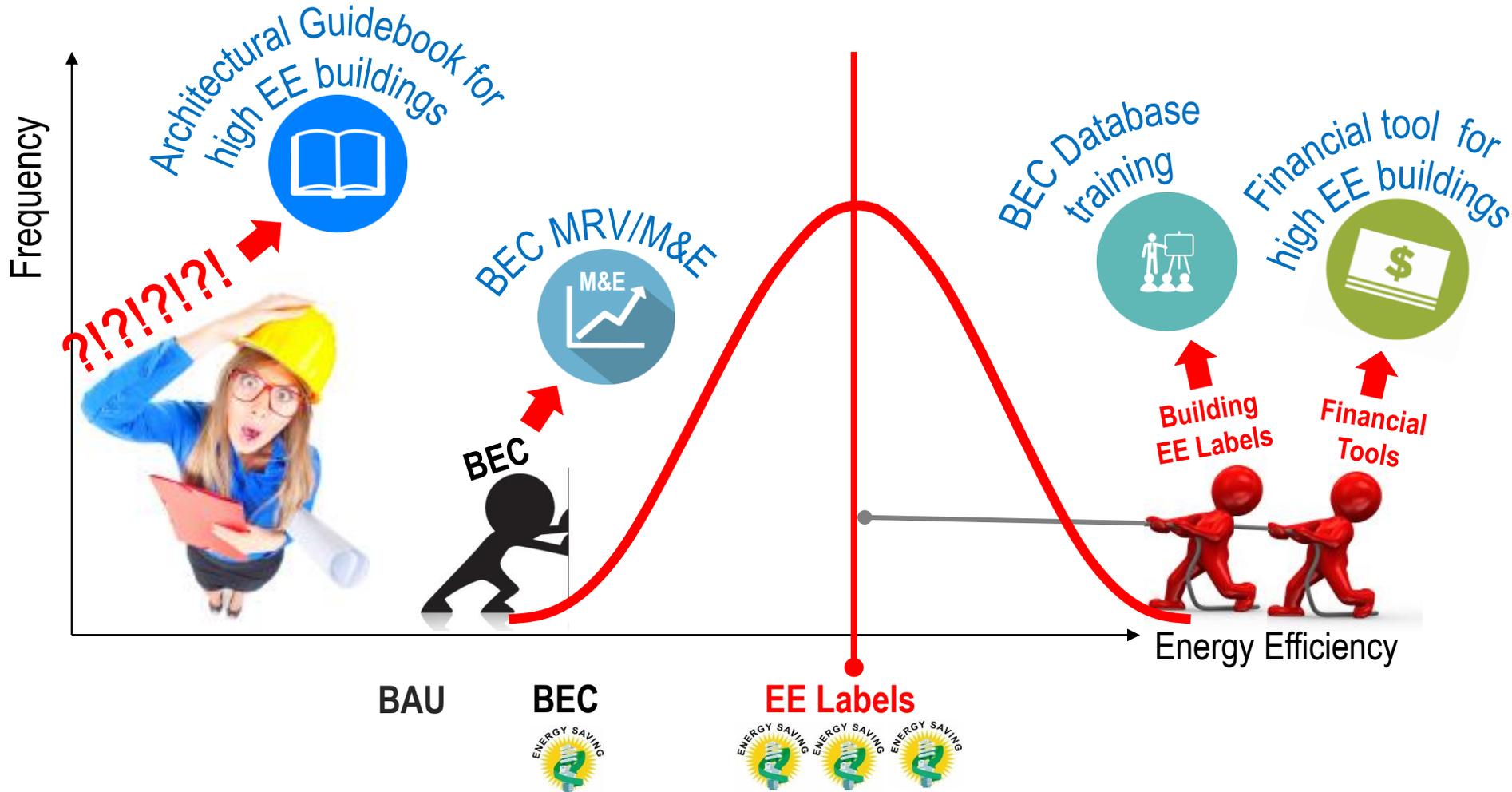
- Review and give feedback to the activity



Timeline (2015)



BEC Activities





Thank you for your attention!