



Department of Alternative
Energy Development and Efficiency
MINISTRY OF ENERGY



ROADMAP FOR DEVELOPING BEC IN
THAILAND

THAILAND PRESENT STANDING POINT

- Has already BEC
- Has already BEC evaluation program
- Has already well-trained BEC Building Plan Inspector
- Has already submitted the BEC to curriculum in Thai University
- Has already BEC Labeling for Building Plan
- BEC laws control the Design Plan and Building Energy Control
Law control the operation of existing Building

WHAT WE LEARNED HERE

- The calculation methods and idea of use BEI as the tool to class the BELS
- The classification of room type of each building type
- Calculation flow of each system
- Simplified Approach: the Model Building Method
- Scheme for evaluation of Energy Conservation Compliance and Building Certification/Inspection

WHAT WE WANT TO DEVELOP

- In short term (6 Months) Enforce and Implement of BEC between DEDE and DPT by offering the idea to use only envelope design to enforce by DPT
- In intermediate term (2 Years) Correction/Update/Revision of present BEC to be updated with Technology and Simplified.

REQUEST TO THE ADVISORY

- Know how in detail to formulate all of Japanese Commercial Building Energy Consumption
- Method and best available techniques to define parameters in the type of rooms for each building type
- And many of advise in the future