

# The Buildings Energy Efficiency Ordinance

The infographic features a central blue building with several callout boxes connected by white lines. At the top left is the EMSD logo with the text '機電工程署 EMSD' and '珍惜資源 全民節能'. To the right are three language selection buttons: 'ENG', '繁體', and '简体'. The main title '《建築物能源效益條例》' is written in large blue characters on a green banner, with 'The Buildings Energy Efficiency Ordinance' written below it in white. The callout boxes include: '空調裝置 Air-conditioning installation' (pink box), '電力裝置 Electrical installation' (yellow box), '照明裝置 Lighting installation' (purple box), '升降機及自動梯裝置 Lift & escalator installation' (blue box), and 'Energy Audit Form 能源審核表格' (blue box).

21<sup>st</sup> Hotel BLG Meeting (2 Feb 2016)

# Building Coverage

ENERGY SAVING  
FOR ALL



## Building Energy Code

- 1) Commercial building
- 2) Industrial building - common area
- 3) Residential building - common area
- 4) Composite building - commercial portion
- 5) Composite building - common area of portion for residential or industrial use

- 6) **Hotel & guesthouse**
- 7) Educational building
- 8) Community building
- 9) Municipal services
- 10) Hospitals & clinics
- 11) Government building
- 12) Airport passenger building
- 13) Railway station

## Energy Audit Code

- Commercial building
- Composite building – **commercial portion**

# Relevant Definitions



| Bldg. Type           | Definition under the BEEO   |
|----------------------|---|
| Hotel and Guesthouse | Same meanings as in the Hotel and Guesthouse Accommodation Ordinance ( <b>Cap 349</b> )   |
| Commercial Building  | <ul style="list-style-type: none"><li>• For offices, <b><i>shops</i></b> or <b><i>entertainment facilities</i></b>;</li><li>• For the purpose of any <b><i>trade, business</i></b> or profession.</li></ul> |
| Composite Building   | A building partly for commercial use and partly for non-commercial use.   |

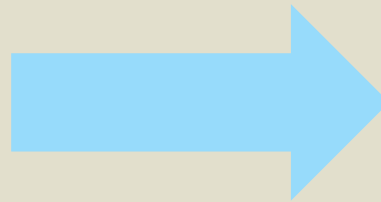
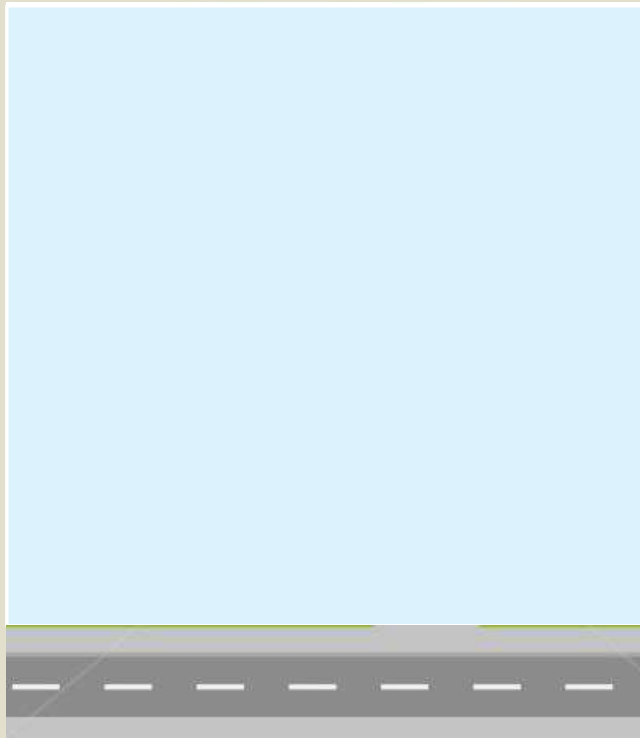


# Relevant Definitions (Cont'd)

- A hotel building is ***not*** regarded as a commercial building under the BEEO;
- But for the non-hotel portion, if any:
  - Demarcation: By areas not covered by hotel license;
  - may be regarded as **commercial portion**;
  - **energy audit** may be required.

# New Hotel Building

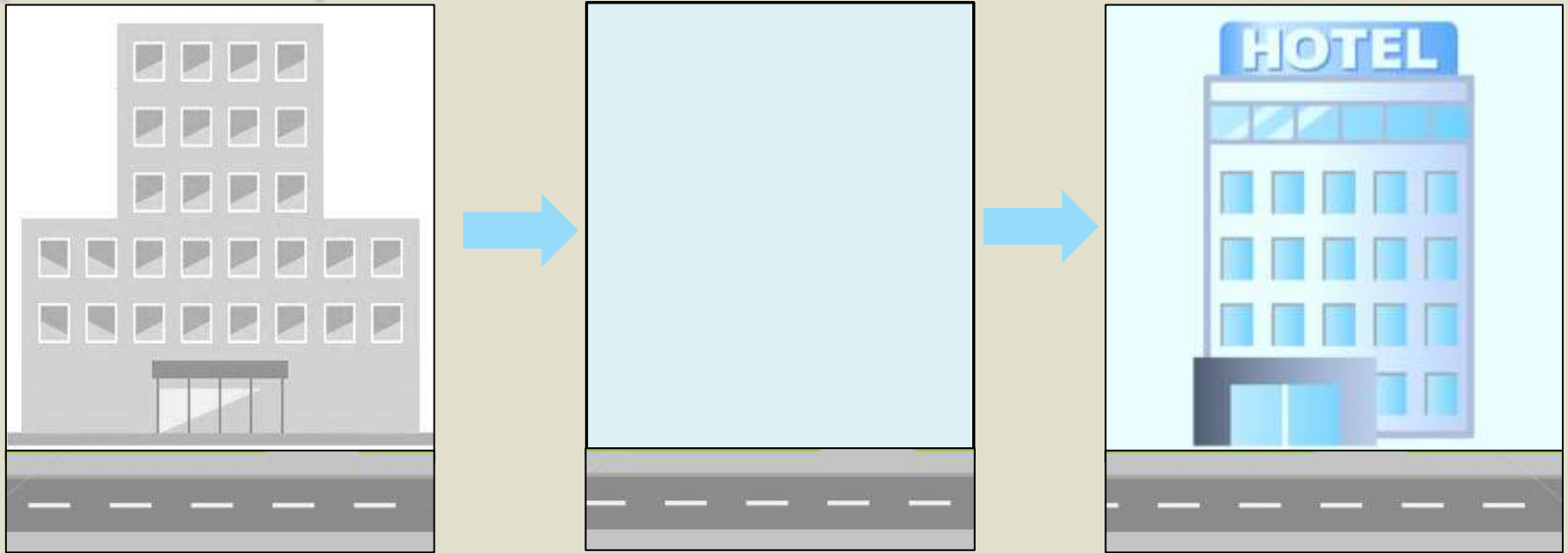
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- Brand new hotel building
- Full compliance with the BEC

# New Hotel Building (Cont'd)

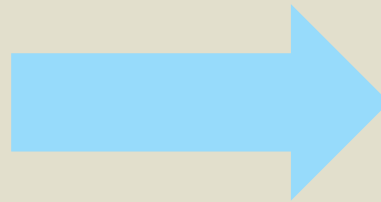
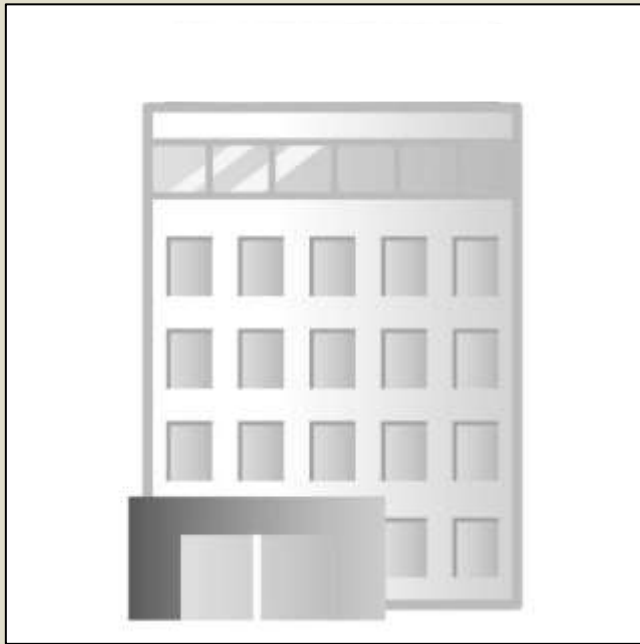
ENERGY SAVING  
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- Demolish an existing building;
- Construct a new hotel building;
- Full compliance with the BEC

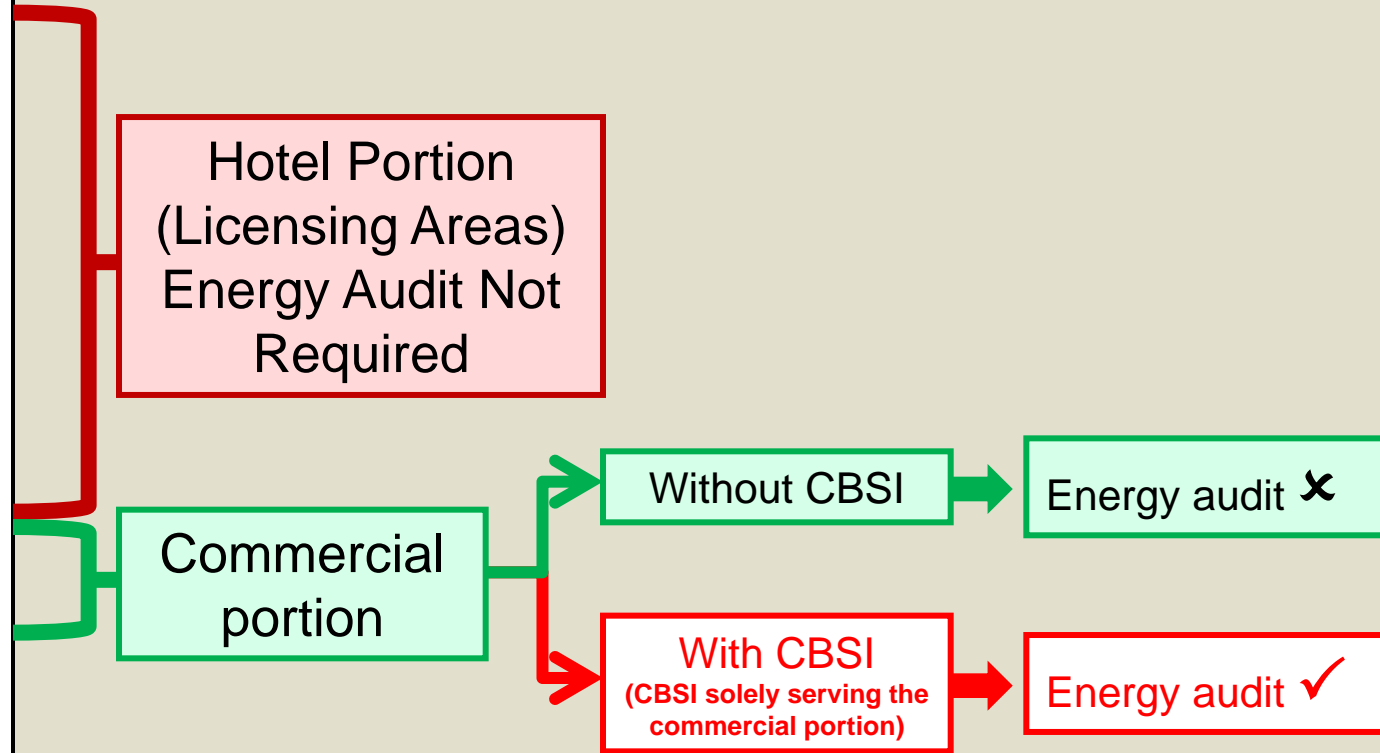
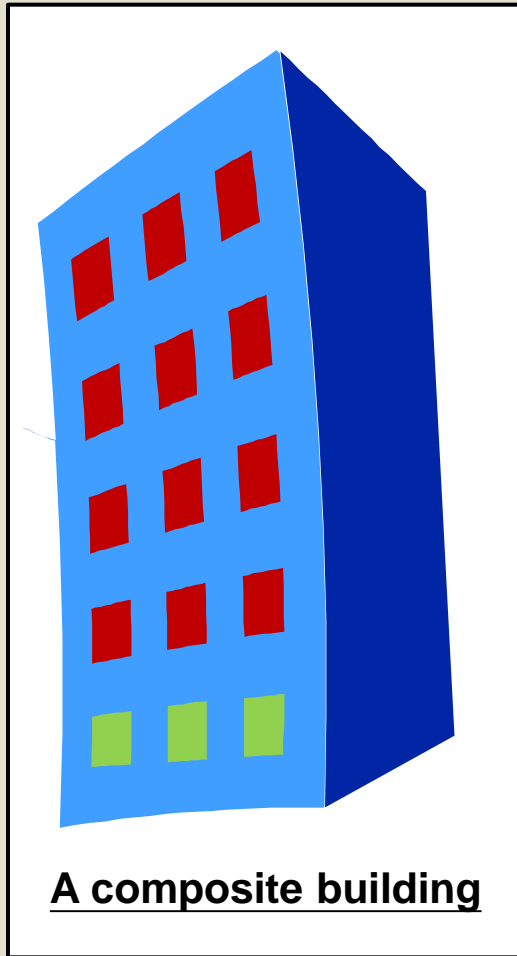


# Conversion of an Existing Building



- Conversion of an existing building to a hotel
- Major retrofitting works of the BSIs
- Partially compliance with the BEC (Clause 10 of the BEC)

# The Commercial Portion of a Hotel Building





# Enforcement of the BEEO

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Owner of hotel building if receiving advisory letter about carrying out of energy audit should reply:

- a) **Status** of the building /project (if under application for change of use or under wholesale renovation);
- b) Provide **relevant document proof** with drawing/layout, extent of hotel licensing area etc.;
- c) **Program** of the renovation/construction works;
- d) BSI provision at the **commercial portion, if any**; and
- e) Time frame of making the BEEO compliance submission

# Registered Energy Accessor (REA)

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- Sources of the REA:
  - 1) One of the design team members e.g. M&E design consultant, the project manager;
  - 2) The developer's / building owner's representative;
  - 3) Engaged under one of the design team members;
  - 4) One of the installation contractors;
  - 5) Engaged under the main contractor; or
  - 6) Directly engaged by the developer or building owner.

# Information Source

ENERGY SAVING  
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<http://www.beeo.emsd.gov.hk/>

機電工程署  
EMSD

ENG 繁體 简体

## 《建築物能源效益條例》 The Buildings Energy Efficiency Ordinance

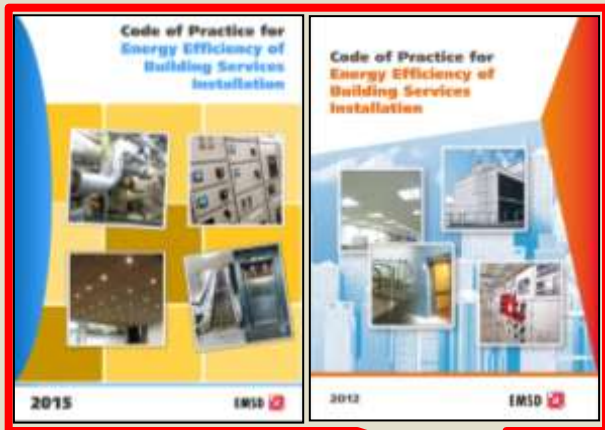
空調裝置  
Air-conditioning installation

電力裝置  
Electrical installation

照明裝置  
Lighting installation

升降機及自動梯裝置  
Lift & escalator installation

Energy Audit Form  
能源審核表格



**Publicity**

- Publication
- TV Announcements
- Events

**Events**

**Briefing Session for Registered Energy Assessors** 11 and 18 December 2015

EMSD share update on the implementation of Buildings Energy Efficiency Ordinance (BEEEO), common irregularities in the submissions of Stage One Declaration (SOD) 2015 with Registered Energy Assessors (REAs) and briefings on the Building Energy Code (BEC) 2015 and Energy Audit Code (EAC) 2015. Please click on the following links to download the Powerpoint presentations:

- Update on the implementation of BEEEO [PDF for REAs (1.3 MB)]
- Common Irregularities in the Submission Irregularities [PDF for REAs (1.3 MB)]
- Buildings Energy Code (BEC) 2015 & Energy Audit Code (EAC) 2015 [PDF for REAs (1.3 MB)]

- Specified Forms
- Technical guidelines

- Register of REA and COCR
- List of Stage One Declaration, FOC, EA Form and IN

- Frequently Asked Questions



# Thank you!

