

14th Energy Conservation Workshop (ECAP14)

Final Report Future Plan of Building Energy Code(BEC)

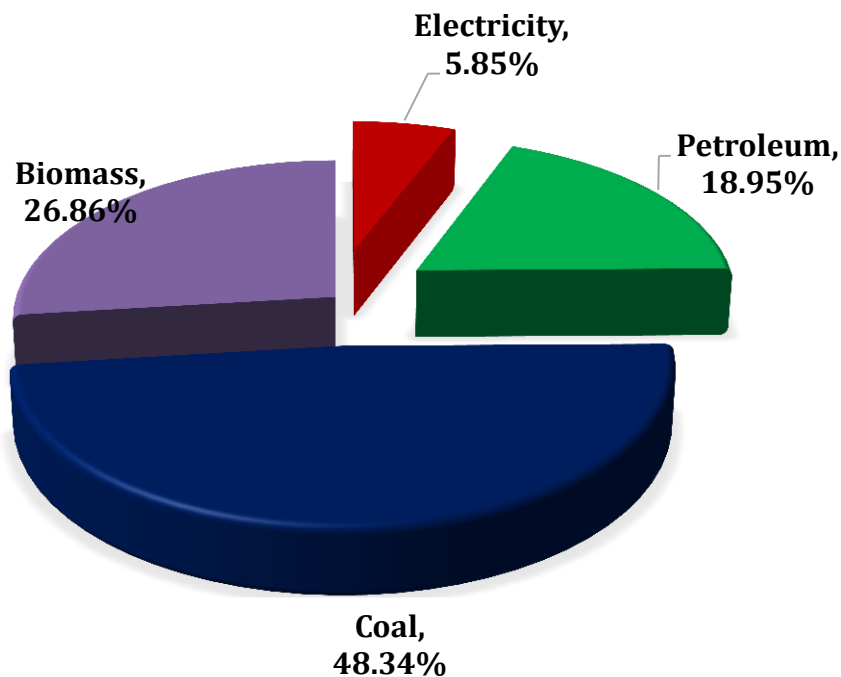
Institute of Renewable Energy Promotion (IREP)
Ministry of Energy and Mines(MEM) Lao PDR

1 Dec, 2017

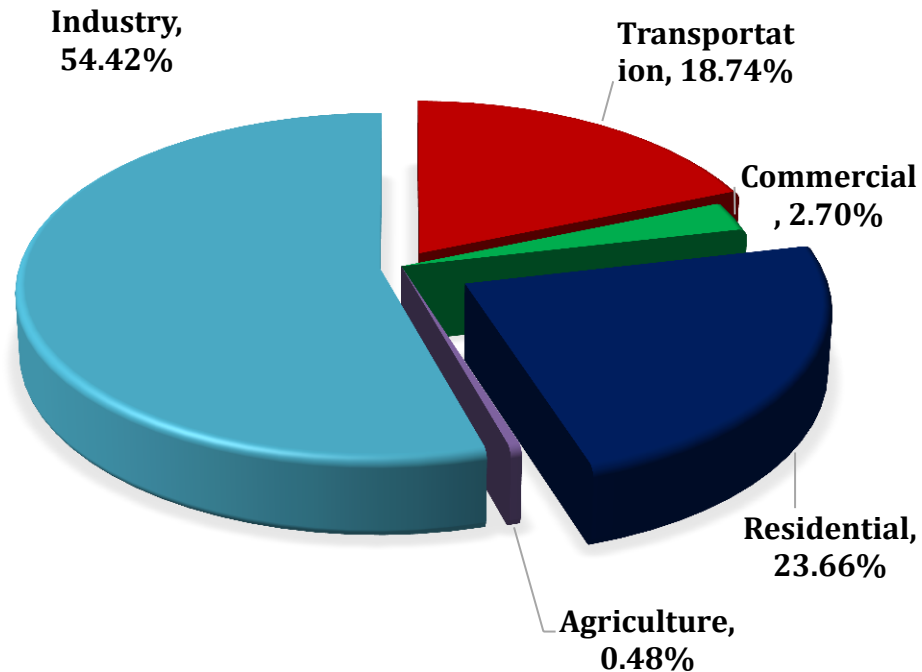
Tokyo, Japan

Overview of Energy

ENERGY CONSUMPTION BY TYPES



ENERGY CONSUMPTION BY SECTORS



Primary Energy Consumption in Lao PDR by 2015 (MEM)

Present Status of Regulatory Instruments on EE&C

1. National EE&C Policy (Industry, Residential, **Building** and Transportation)

☐ Approved by Government-July 2016

2. Final Draft Decree on EE&C (**8 chapters and 64 articles**)

☐ Revised Based on the Comments and Discussions by Ministry of Justice, September 2017.

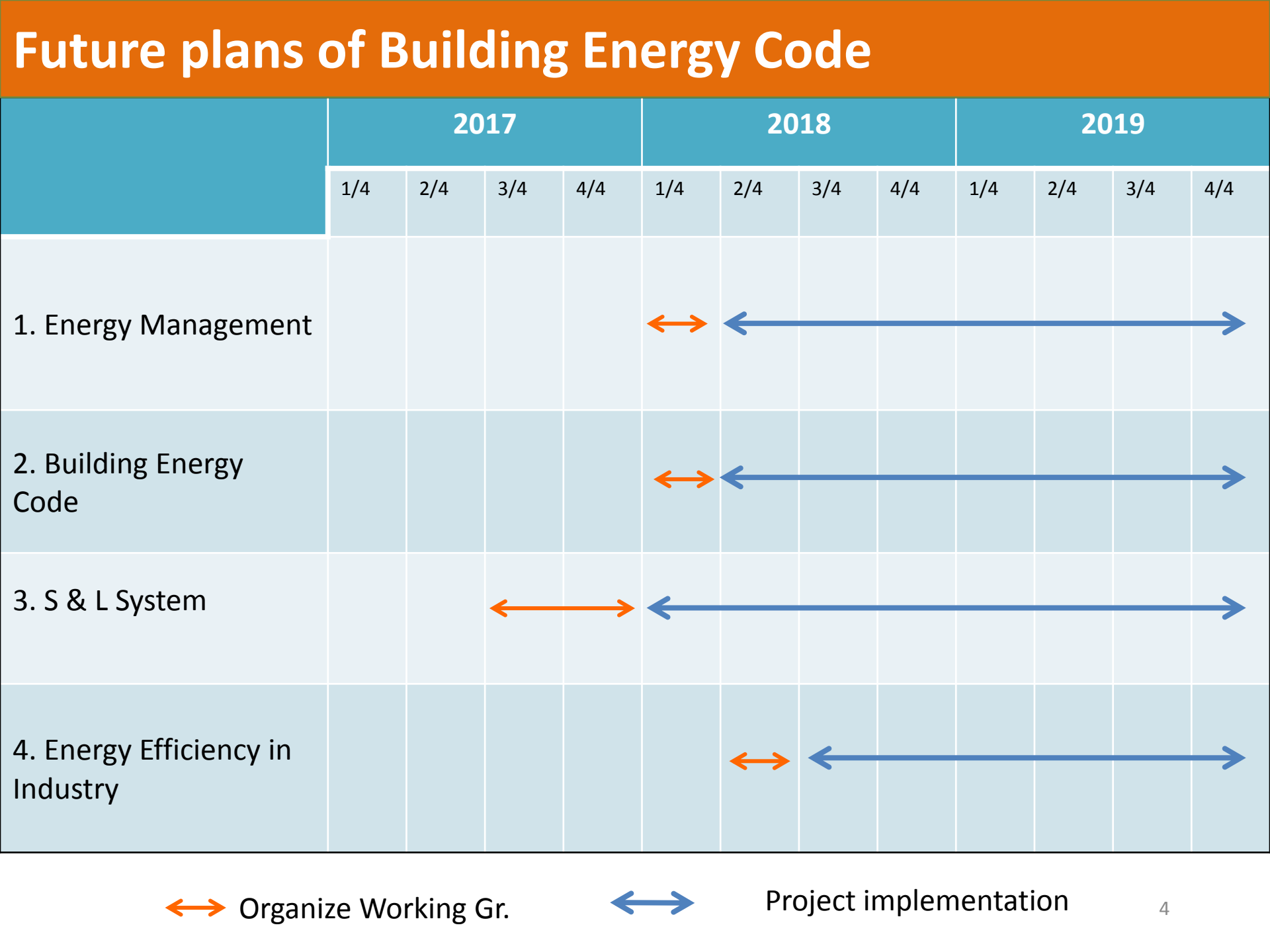
3. Draft Building Code Prepared by Ministry of Public Work and Transportation (**11 chapters and 68 articles**)

☐ Plan to submit to Government for approval in 2018



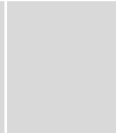










4. Draft Road Map of Air Conditioner

☐ Plan to submit to Government for approval in 2018

5. **No building Energy Code**



Action Plan on Building Code arrangement in Lao PDR

	Detailed Items	Timeline : 2017-2018 Fiscal Year											
	Responsible organization : MPWT	Jan	Feb	Mar	Ari	May	Jun	Jul	Aug	Sept	opt	Nov	Dec
1	Technical Working Group Meeting												
2	Study on building codes of other countries (Referring to Japan and Thailand)												
3	Brainstorming among the technical working group for the essence of building code												
4	Draft of building code												
5	Review the draft of building code by technical working group												
6	Revise and incorporate comments provided by the technical working group												

How to increase the number and the quality of entries to AEA

❑ Short term:

- Promote AEA to the enterprise
- Capacity building for prepare the report submission of the enterprise.
- Guideline development.

❑ Long term:

- Set up the National Energy Award System in each AMS countries.

How to promote BEC/GBC in respective countries

☐ No building energy code and(BEC & GBC)

- Building Energy Code & Standard Development
- Building Energy Code Dissemination
- Best Practices Guidelines/Manuals
- Capacity Building
- Market Mechanism for code implementation
- Developing independent certifying agencies

Develop ZEB concept in the special submission category

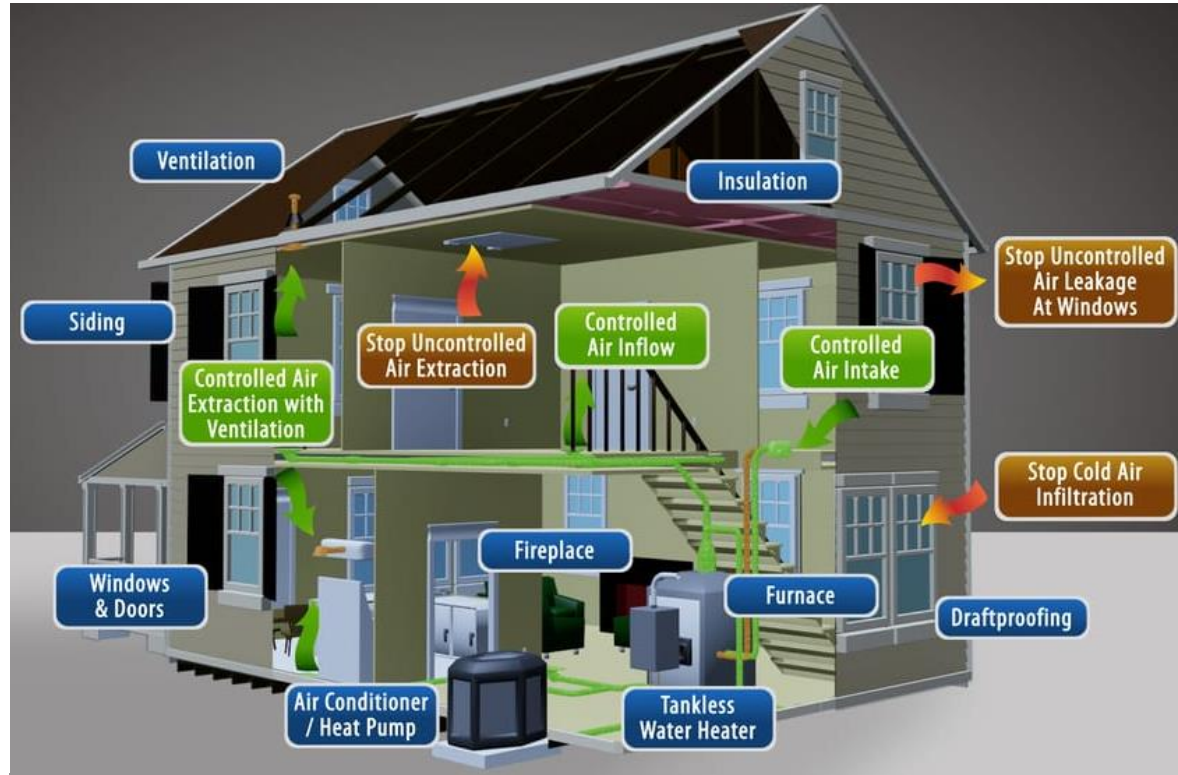
- ❑ Propose ACE to be a leader for prepare the document(Guideline or Rule) by cooperate or assist from ECCJ

Request for the AJEEP activities

- Capacity building for prepare the report submission of the enterprise(Building/Factory) for Lao PDR.
- Building Energy Code & Standard Development
- Best Practices Guidelines/Manuals
- Capacity building for Energy Audit
- Set up the National Energy Award System

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Thank you for your kind attention



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