



14th Energy Conservation Workshop (ECAP14)

Final Report Future Plan of Building Energy Code(BEC)

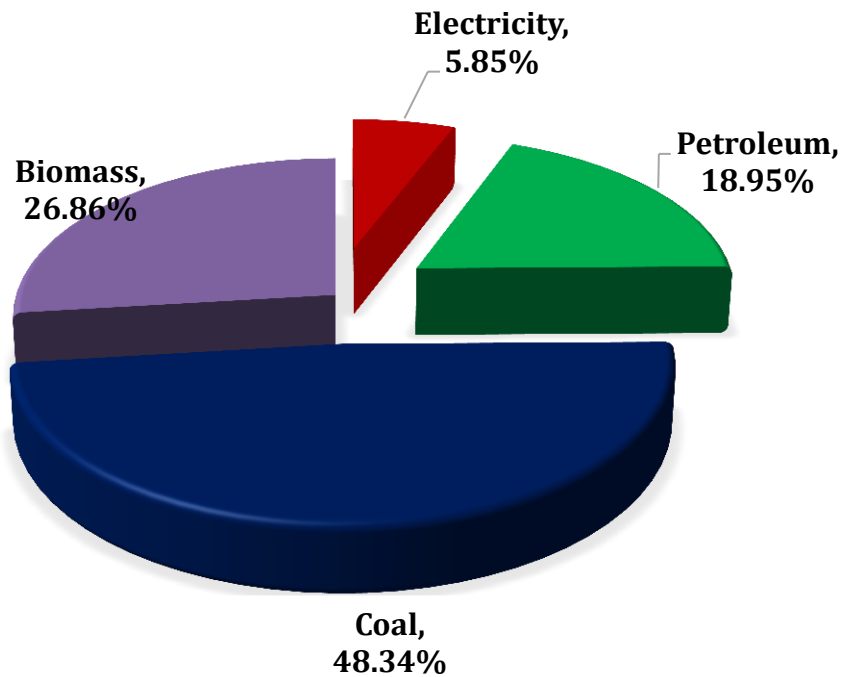
Institute of Renewable Energy Promotion (IREP)
Ministry of Energy and Mines(MEM) Lao PDR

1 Dec, 2017

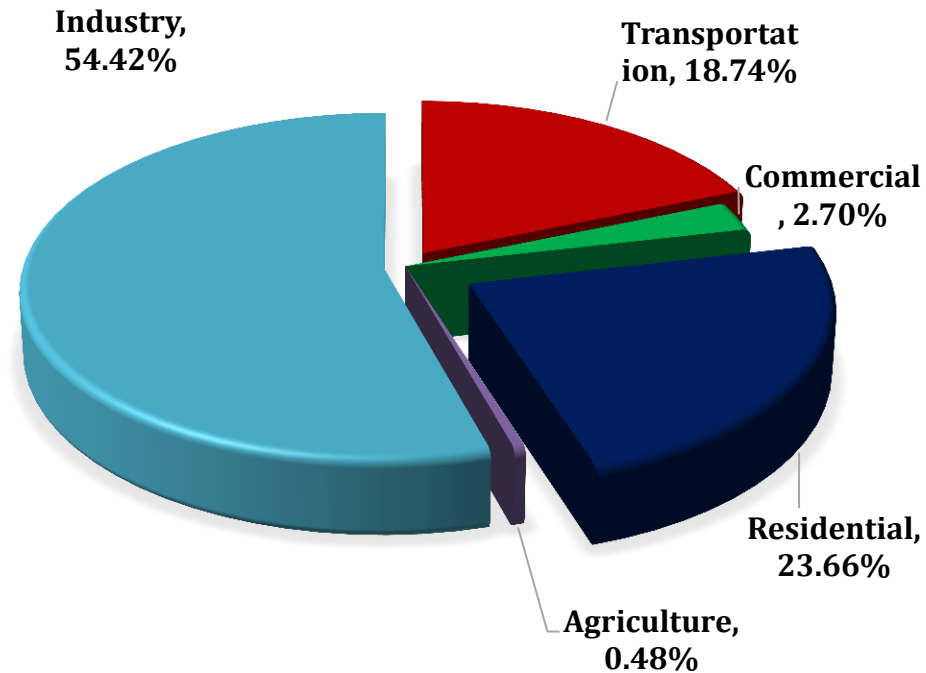
Tokyo, Japan

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

Future plans of Building Energy Code

	2017				2018				2019			
	1/4	2/4	3/4	4/4	1/4	2/4	3/4	4/4	1/4	2/4	3/4	4/4
1. Energy Management					↔	←	→	→	→	→	→	→
2. Building Energy Code					↔	←	→	→	→	→	→	→
3. S & L System			↔	←	←	→	→	→	→	→	→	→
4. Energy Efficiency in Industry						↔	←	→	→	→	→	→

↔ Organize Working Gr.



Project implementation

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

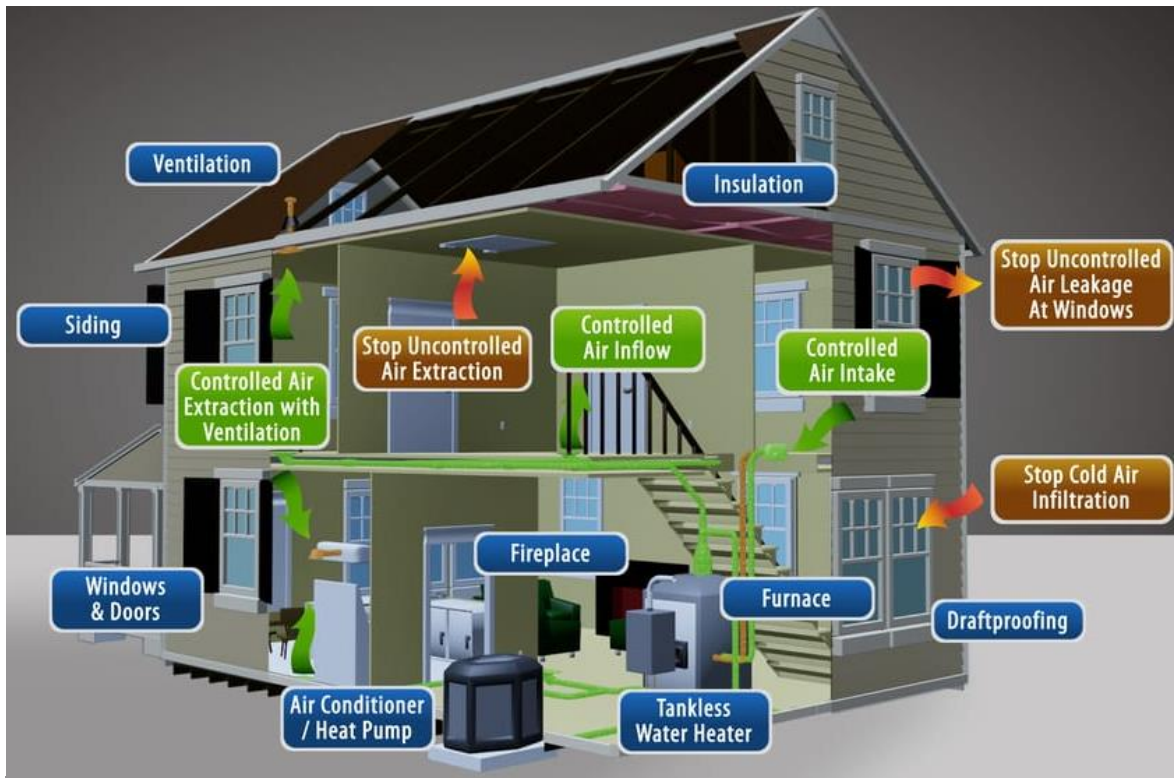
- ❑ Propose ACE to be a leader for prepare the document(Guideline or Rule) by cooperate or assist from ECCJ

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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