



**State of monitoring and
evaluation of policy and GHG
emissions in Thailand**

State of monitoring and evaluation of policy

- **Ministry of Natural Resource and Environment**
- **Ministry of Energy**



The monitoring and evaluation system of MNRE



e-Project Tracking has been developed to be a tool for monitoring and evaluation project/activity, which is implemented by departments under MNRE.

e-Project Tracking (continued)

- Project Type
- **Responsible Organization**
- Budget
- **Personnel**
- Period
- **Outcome/Efficiency**



Operating system (Continued)

Projects can be followed up and evaluated through this monitoring system.

- Project can be selected from each organization.
- Overview of budget and progress will be presented.
- Outcome of Activity, Project will be showed up



Operating system (Continued)

- Project's descriptions are presented in terms of Objective, Indicators, Source of Budget, Project Cost, Project Schedule etc.
- Message from executive director can be conveyed to project's implementer via the system.
- Satisfaction/Feedback can be given to project's implementer.
- Executive Director has an authority to approve/prohibit or revise budget by operating through the system.



The monitoring and evaluation system of Ministry of Energy

Energy Policy and Planning Office (EPPO) is a pivotal agency in the formulation and administration of energy policies and planning for the national sustainability.



http://www.eppo.go.th/admin/link_about-E.html



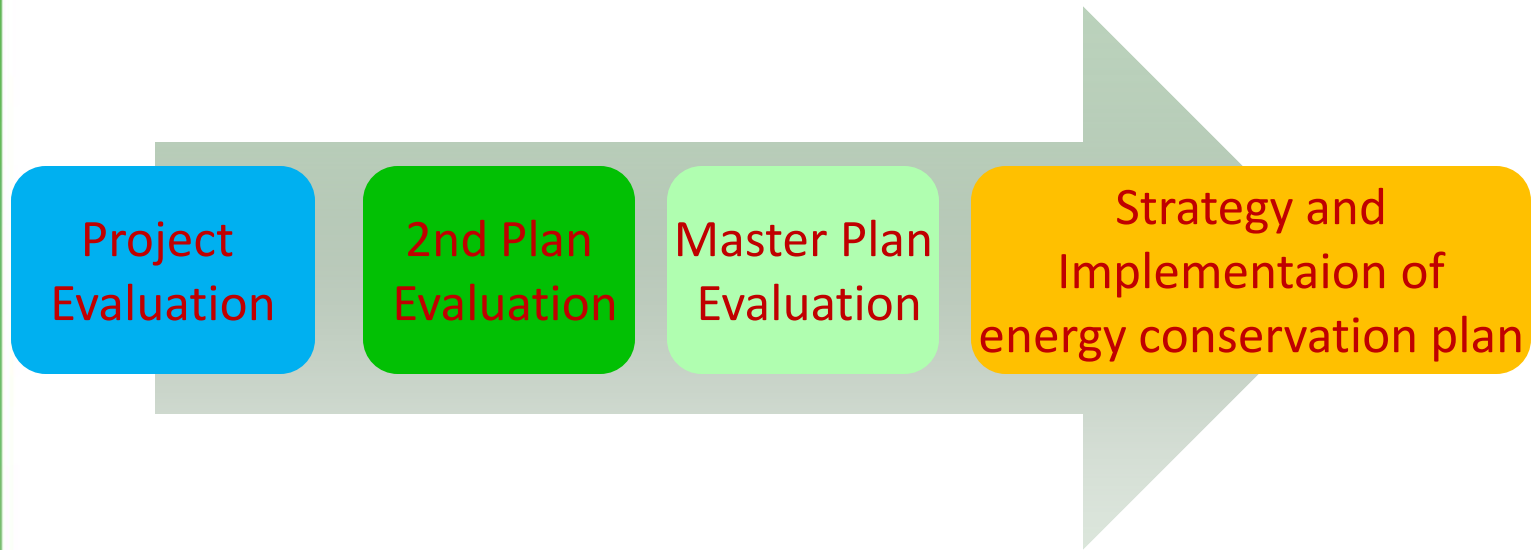
The monitoring and evaluation system of Ministry of Energy (Continued)

- EPPO is responsible for supervise, monitor and evaluate the effectiveness of national energy policy and energy management plans.
- Monitoring and evaluation follow indicators of each policy/plan/project.
- Convey suggestion and consultation.
- Hire a consulting firm with expertise and experience to support the evaluation of energy conservation projects under the plan on an annual basis.



http://www.eppo.go.th/admin/link_about-E.html

The monitoring and evaluation system of Ministry of Energy (Continued)



http://www.eppo.go.th/admin/link_about-E.html

The monitoring and evaluation system of Ministry of Energy (Continued)

2nd Plan Evaluation

Five Criteria Model

- Effectiveness - product/output eg. amount of AE, new technique
- Efficiency – pay back period, project management to follow national plan
- Relevance – to national energy policy
- Impact – to society, economic, environment
- Sustainability – energy consumption, knowledge,R&D



<http://p-eval.eppo.go.th/main/knowledge.php>

Source: Energy Policy and planning Office , ministry of Energy webpage.



The monitoring and evaluation system of Ministry of Energy (Continued)

Master Plan Evaluation

Balanced Score Card

- Mission
- Target
- Management



<http://p-eval.eppo.go.th/main/knowledge.php>



State of GHG emission reduction

As for Thailand,

- MRV system is available in various implementations, both mandatory and voluntary; GHG emission reduction is not completely included into reporting system.
- For Instances, energy management of designated factory and building, enforced by The Energy Conservation Promotion Act.
- Some factories are enforced to submit toxic chemical report to Department of Industrial Work; carbon dioxide and methane gases are not regulated to be reported.



State of GHG emission inventory

At sub-national level

- TGO received the financial support from EU to create a project with the objective of to encourage and promote carbon footprint for local administration.
- Project achievements were presented in term of the national guideline carbon footprint for local administrative organization and guideline of GHG mitigation for local administration activities.
- At present, project activity is extended to more of local administration.
- Khonkaen Province, The greenhouse gas inventory has been implemented with the corporation between German International Cooperation (GIZ) and Khonkaen University. However, data have not been approved yet.





**Thank you for
your attention**