

Expert Meetings: Development of

“Architectural Guidebook for High Energy Efficiency Building Design”

Organized by Thai-German Programme on Energy Efficiency Development Plan

Monday 15th June 2015 (12.00-17.00)

At VIE Bar (2nd Floor, YTSB building), VIE Hotel, Bangkok Thailand

Project Overview:

Under Thai- German Programme on Energy Efficiency Development Plan (TGP-EEDP) GIZ cooperates with the Energy Policy and Planning Office (EPPO) to contribute to the further development and support the implementation of the 20-year Energy Efficiency Development Plan (EEDP, 2011-2030), financed by the German Federal Ministry for Environment, Nature Conservation, Building and Nuclear Safety. The 3-year project has officially started in May 2012 and will run until 2015. Project partners of TGP-EEDP include the Energy Policy and Planning Office (EPPO), the Department of Alternative Energy Development and Efficiency (DEDE) and the Thailand Greenhouse Gas Management Organization (TGO). The TGP-EEDP Project aims at promoting the increase of energy efficiency in industry and building sectors by supporting the implementation of the EEDP plan which will have a direct impact on CO₂ emission reduction.

One of the seven core activities in the TGP-EEDP project focuses on encouraging the uptake of the Building Energy Code (BEC) in Thailand. A first aim of this activity is to develop a financial incentive model that rewards building energy performances that go beyond the level of the Building Energy Code. This implies developing a set of improved BEC performance levels, or “Building Energy Labels”, that could receive financial remuneration. Another aim of this activity is to develop a successive timeline to tighten the enforced building energy code levels. This will help the building industry to have certainty about future building standard requirements.

Another approach that can be important for the Building Energy Labels uptake is to encourage architects to design high energy efficient buildings, especially with improved building envelope. Therefore, TGP-EEDP is now working on “An architectural guidebook for high energy efficient buildings design” to inspire and convince the owners and architects to design high energy efficient buildings.

Objectives of the meeting:

- To decide on a design of the guidebook for High Energy Efficient Buildings

Invited Participants:

- EPPO, DEDE, Architects, Building material Industries

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12.00-13.30	Luncheon at La VIE, 11 th Floor (Main Building)	
13.30-14.00	Introduction to TGP-EEDP Project and Building Energy Code activities	<ul style="list-style-type: none"> • Dr. Milou Beerepoot TGP-EEDP project director, GIZ • Mr. Karun Pantong Energy Efficiency Engineer, GIZ
14.00-15.00	Architectural Guidebook for High Energy Efficiency Building Design: <ul style="list-style-type: none"> - The objective of the guidebook - Guidebook design options 	<ul style="list-style-type: none"> • Dr.-Ing. Robert Himmler International CIM Expert, JGSEE
15.00-15.15	Coffee Break	
15.15-16.45	Group work: Guidebook design options	
16.45-17.00	Final remarks and Next steps	<ul style="list-style-type: none"> • Dr. Milou Beerepoot TGP-EEDP project director, GIZ