

Study Trip to Denmark and Germany “Energy Efficiency Policy and Implementation in industrial and building sector ”

Organized by Thai-German Programme on Energy Efficiency Development Plan (TGP-EEDP)

7 days during 31 Aug-6 Sep 2014 (for operational and EE working level)

Project Overview:

Under the Thai- German Programme on Energy Efficiency Development Plan or TGP-EEDP, GIZ has been commissioned by the German Federal Ministry for Environment, Nature Conservation, Building and Nuclear Safety (BMUB) to contribute to the further development of the 20-year Energy Efficiency Development Plan (EEDP, 2011-2030) and to support the actions and to assist the implementation. The 3-year project has officially started in May 2012 and will run until April 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.

7-day Schedule for Operational and EE Working Level

during 31 Aug-6 Sep 2014

Expected participants: (approx. 10-15 persons)

- **Representative from Energy Policy and Planning Office (EPPO): Ministry of Energy**
- **Representative from Department of Alternative Energy Development and Efficiency (DEDE), Ministry of Energy**
- **Representative from Energy Regulatory Committee (ERC)**
- **Representative from Utilities (EGAT/ PEA/ MEA)**
- **Representative from Thailand Greenhouse Gas Management Organization (TGO)**
- **Representative from Thai ESCO Association**
- **GIZ project team**

DAY	Tentative Schedule	Topics
DAY 0 Sat 30 Aug	22.30 Meeting point at Bangkok Suvarnabhumi Airport, Bangkok, Thailand	
DAY 1 Sun 31 Aug	01.20 Depart from Suvarnabhumi Airport, Bangkok by Thai Airways (TG 950) 07.40 Arrive at Copenhagen Airport, Denmark	

DAY	Tentative Schedule	Topics
DAY 2 Mon 1 Sep	<u>Morning:</u> <ul style="list-style-type: none"> Meeting with representatives from the Danish Energy Agency, Copenhagen , Denmark 	<ul style="list-style-type: none"> Policy-making and implementation for Energy Efficiency Resource Standard (EERS): Lesson Learnt from Denmark
	<u>Afternoon</u> <ul style="list-style-type: none"> Meeting with representatives from the Danish Energy Association, Copenhagen Denmark 	<ul style="list-style-type: none"> Policy-making and implementation for Energy Efficiency Resource Standard (EERS): Lesson Learnt from Denmark
DAY 3 Tue 2 Sep	<u>Morning:</u> <ul style="list-style-type: none"> Visiting Energy Efficiency Project in industrial and building sector in Copenhagen, Denmark (or nearby) <p>(preferably, managed by professional ESCO and related to EERS programme)</p>	<ul style="list-style-type: none"> Discussion on role and management of Energy Service Companies (ESCOs) to support implementing of Energy Efficiency Measures, eg. EERS
	<u>Afternoon:</u> The EE working team depart from Copenhagen Airport , Denmark to Berlin Germany (airport and flight : to be confirmed)	
DAY 4 Wed 3 Sep	<u>Morning:</u> <ul style="list-style-type: none"> Participating the mini-workshop which will be jointly organised by BMUB/ BMWi/ RENAC and BEA (tbc) 	<ul style="list-style-type: none"> Exchange platform for Energy Efficiency Policy Framework in Germany and Thailand Discussion on role and management of Energy Service Companies (ESCOs) to support implementing of Energy Efficiency Measures
	<u>Afternoon:</u> <ul style="list-style-type: none"> Energy Efficiency excursion to EE Building in Berlin, managed by ESCO 	<ul style="list-style-type: none"> Good practice of EE project managed by ESCOs and a role to support implementing of Energy Efficiency measures in city level Monitoring and Verification (M&V) for energy saving in building
DAY 5 Thurs 4 Sep	<u>Morning:</u> <ul style="list-style-type: none"> Excursion trip to visit one of biggest car producer, Volkswagen (VW) in Wolfsburg and their Energy Efficiency projects at site 	<ul style="list-style-type: none"> Good practice of Energy Efficiency project and campaign (with voluntary basis and/or policy incentive)

DAY	Tentative Schedule	Topics
	<p><u>Afternoon:</u></p> <ul style="list-style-type: none"> ▪ Energy Efficiency excursion to EE Building or in Industry, managed by ESCO in Potsdam 	<ul style="list-style-type: none"> ▪ Good practice of EE project managed by ESCOs and a role to support implementing of Energy Efficiency measures in city level ▪ Monitoring and Verification (M&V) for energy saving in building and industry ▪ Discussion on role and management of Energy Service Companies (ESCOs) to support implementing of Energy Efficiency Measures
<p>DAY 6 Fri 5 Sep</p>	<p><u>Whole day:</u></p> <ul style="list-style-type: none"> ▪ Joining the mini-workshop and discussion with Wuppertal Institute 	<ul style="list-style-type: none"> ▪ Policy-making and implementation for Energy Efficiency Resource Standard (EERS): Lesson Learnt from Germany and BigEE project ▪ Monitoring and Evaluation for EE policy in Germany and other countries
<p>DAY 7 Sat 6 Sep</p>	<p>Travel to the Berlin Airport</p> <hr/> <p><u>About 10.00</u> Depart from Berlin Airport to Copenhagen Airport, Denmark</p> <hr/> <p><u>Afternoon:</u> About 14.25 Depart Copenhagen Airport, Denmark (fly back to Bangkok Thailand by Thai Airways (TG 951)</p>	
	<p>Arrive Suvarnabhumi Airport, Bangkok Thailand on Sunday 7th Sep, about 6.00</p>	

Remarks: The schedule is subjected to be changed, if appropriate