



MitigationMomentum



Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety

Roundtable Workshop

“Financial mechanisms to transform the ESCO market in Thailand: Discussion of the NAMA proposal”

Co-organized by Mitigation Momentum and Thai-German Programme on
Energy Efficiency Development Plan (TGP-EEDP)

Thursday 25th June 2015 (8.30-15.30)

At Study Room, 2nd Fl., Hilton Sukhumvit Hotel, Bangkok Thailand

Project Overview:

❖ **TGP-EEDP**

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) Ministry of Energy and the Thailand Greenhouse Gas Management Organization (TGO).

❖ **Mitigation Momentum**

Mitigation Momentum is a project which is funded by the German government to support the development of concrete NAMAs proposals in a range of partner countries, and foster cooperation and knowledge exchange within the international NAMA community. This project “Mitigation Momentum” has successfully supported NAMA development in Chile, Kenya, Indonesia, Peru and Tunisia since 2012 and started working in Thailand in 2014, which has been implemented mainly by the Energy research Centre of the Netherlands (ECN), since 2014.

❖ **Energy Efficiency (EE)- NAMA development for Thailand**

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 four work-packages is integrating energy efficiency policy into climate scheme by supporting the development of the proposal for “National Appropriate Mitigation Action or NAMA”. In particular, the Mitigation Momentum on behalf of ECN in close collaboration with TGP-EEDP have encouraged Thailand in bringing forward the mitigation activities through NAMAs and supported partners with the development of NAMA proposals as well as financing and implementation strategies.

Objectives of the roundtable workshop:

- To present, collect feedback and verify findings of the ESCO market study
- To elaborate the linkage of the Thai ESCO market study to the development of ESCO-NAMA proposal or additional sources of funding for Thailand
- To enhance knowledge on the process of NAMA proposal development and introduce the technical and financial components of the ESCO NAMA proposal.
- To identify potential approaches to the technical and financial components and next steps for the development of these.

Expected outputs & results:

- Validation of Thai ESCO market study, especially in regards to potential customers and barriers
- Enhanced understanding of NAMA development, its process and keys components of the proposal
- Identified potential approaches to the technical and financial components of the ESCO-NAMA proposal
- Agreed next steps for the development of the proposal and the support needed from key stakeholders

Invited organisations:

- **Government & State own enterprise**
 - Ministry of Energy
 - Ministry of National Resources and Environment
 - Ministry of Finance
 - Electricity Generating Authority of Thailand (EGAT)
 - Thai Credit Guarantee Corporation (TCG)
 - Government banks
- **Institute and association**
 - The Institute for Industrial Energy (IIE)
 - Thai ESCO Association
 - Energy Conversation Center of Thailand (ECCT)
 - Energy Conversation Foundation of Thailand (ECFT)
 - Energy for Environment Foundation (EforE)
 - Joint Graduate School of Energy and Environment (JGSEE), KMUTT
- **Private sectors**
 - Commercial Banks
 - Insurance companies
 - ESCO companies
 - EE and finance experts and consultants

Schedule for the roundtable workshop

“Financial Mechanisms to transform the ESCO market in Thailand:

Discussion of NAMA proposal”

Thursday 25th June 2015

Moderator: Mr. Christopher C. Seeley, CEO of Climate Change Solutions Co., Ltd.

An Energy Efficiency Expert and Consultant to Thai ESCO Market Study

08.30-09.00	Registration	
09.00-09.10	Welcome Speeches “Objectives of the roundtable workshop and Opportunities & Challenges of ESCO market in Thailand”	<ul style="list-style-type: none"> • Dr. Milou Beerepoot TGP-EEDP project director, GIZ
09.10-09.30	“Overview of NAMA development: Key required elements of technical and financial components”	<ul style="list-style-type: none"> • Mr. Xander Van Tilburg Project leader of Mitigation Momentum (ECN)
09.30-09.50	Presentation on Thai ESCO market Analysis	<ul style="list-style-type: none"> • Ms. Verena Streitferdt Project Analyst, Mitigation Momentum (ECN)
09.50-10.20	<i>Roundtable Discussion and feedback session for Thai ESCO market study</i>	
10.20-10.35	Coffee Break	
10.35-10.50	Technical components of NAMA: “Concept of ESCO Facilitation”	<ul style="list-style-type: none"> • Mr. Monthon Kumpaengseth Senior Project Manager, GIZ
10.50-11.10	Financial components of NAMA: <ul style="list-style-type: none"> • Guarantee mechanism/Pilot • Grant facility for ESCO • Technical Facility for Banks 	<ul style="list-style-type: none"> • Mr. Matthew Halstead Project Coordinator, Mitigation Momentum (ECN)
	Parallel Group Discussion I (Introductory)	
11.10-12.10	Technical Component *Capacity Building *ESCO Facilitation Approach	Financial Component *Guarantee mechanism *Other financial mechanisms
12.10-12.30	<i>Roundtable wrap-up and brainstorming opportunities & challenges</i>	

12.30-13.30	Joined Lunch	
13.30-13.45	Introduction to the 2 nd Discussion	<ul style="list-style-type: none"> • Mr. Chris Seeley Consultant, Climate Change Solutions Co.,Ltd.
13.45-14.45	Deep Dive Group Discussion II (continued)	
	Technical Component *Capacity Building *ESCO Facilitation Approach	Financial Component *Guarantee mechanism *Other financial mechanisms
14.45-15.15	<i>Presentation of the discussion results and roundtable wrap-up</i>	
15.15-15.30	Final conclusion and remarks: Next steps and supports needed for the further development	

Remarks: The schedule of the work is partly supposed to be adjusted, if necessary and appropriate