



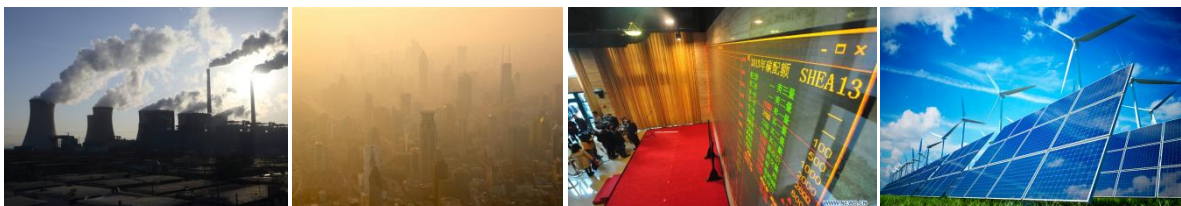
**Technical Workshop on
“Laws, Regulations, Institutional Arrangement
and Technical Aspects on GHG Reporting and
Emissions Trading Scheme (ETS)/Initiatives”**

Sharing Experiences in China and Thailand

27th - 28th March 2014

The Sukosol Hotel

Bangkok, Thailand



Agenda of a Technical Workshop on “Laws, Regulations, Institutional Arrangement and Technical Aspects on GHG Reporting and Emissions Trading Scheme (ETS)/Initiatives”

Sharing Experiences in China and Thailand

On 27th – 28th March 2014

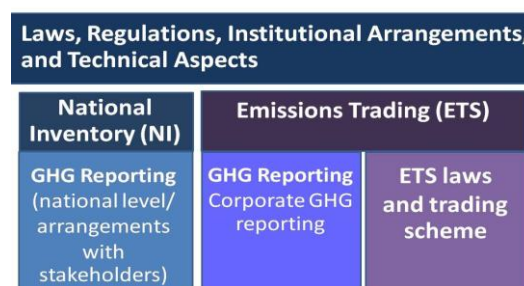
**At Duangkamol Venue
the Sukosol Hotel
Bangkok, Thailand**

Objectives:

As climate change becomes the global agenda that requires the urgent need to intensify the mitigation efforts. China is one of the most prominent countries in their economy and global efforts that adopted proactive policies and measures to mitigate and adapt to climate change, as well as significant initiatives in low carbon development and businesses. Thailand is also implementing robust policies to promote renewable energy, enhance energy efficiency, and reduce emissions from transportation, buildings and city sectors. We recognize the need to learn and work together to continue and build on these important efforts.

Viewing that the preparation for enhancing greenhouse gases reporting and mitigation are important steps envisaged by numerous developing countries as part of the global contributions, Thailand Greenhouse Gas Management Organization (TGO) under the Ministry of Natural Resources and Environment, the Royal Thai Government, aims to facilitate exchanging of views and experiences on each country’s practice and preparation on their domestic laws, regulations, institutional arrangement and technical aspects regarding

- **GHG reporting system:** preparation for the National Inventory (NI)
- **Corporate GHG reporting:** preparation and implementation on the ETS
- **Emissions Trading Scheme in China:** preparation and implementation on the ETS
- **Emissions Trading Initiative in Thailand:** preparation on the T-VER and T-VETS



This workshop is intended to be a knowledge platform for TGO staff, TGO Board of Directors, academic institutes and relevant Thai stakeholders to gain knowledge, exchange views and experiences among the Chinese and Thai agencies, while strengthening the continued cooperative efforts between China and Thailand.

Thursday 27th March 2014 (Day 1)

Session 1 : Opening ceremony

- | | |
|--------------------|--|
| 10:00-10.30 | Registration and refreshments (coffee/tea) |
| 10:30-10:45 | Opening
Mrs. Prasertsuk Chamornmarn
Executive Director
Thailand Greenhouse Gas Management Organization (TGO) |
| | Introduction of participants |
| | Photo session |

Session2: Overview of national policies, laws and arrangements

10:45-12:00

Overview of national policies, laws and arrangements for participants to gain knowledge in a big picture of the Chinese and Thai context of their:

- **National policy framework, laws and regulations, and institutional arrangements;**
- **Policy support instruments** i.e. carbon footprint and labelling programme, carbon tax, carbon funds, etc.
- **Identifying mitigation stakeholders and their roles** i.e. identifying key GHG emitters; identifying roles of the central government, local government, private enterprises, consultants, academia, etc.

Thailand's overview of national policies, laws and arrangements

Dr. Natarika Wayupab

Director of Strategy Office

Thailand Greenhouse Gas Management Organization

China's overview of national policies, laws and arrangements

Prof. ZHU Songli

National Inventory Review Expert for UNFCCC

Energy Research Institute

National Development and Reform Commission (NDRC)

Q&A

12:00-13:00

Lunch break

Session 3: Laws, Regulations and Arrangements on GHG Reporting

GHG Reporting for NI and China's ETS

13:00-14:30

Compilation of national and provincial greenhouse gas inventories in China. Laws, regulations and institutional arrangements.

Prof. ZHU Songli

National Inventory Review Expert for UNFCCC

Energy Research Institute

National Development and Reform Commission (NDRC)

Q&A

14:30-14:45

Coffee break

14:45-17:00

GHG Reporting at corporate level in China

- China technical designs and preparation for GHG reporting and MRVA, as a foundation for the ETS.
- This presentation will give understanding to a wide range of Thai participants on the importance of laws, regulations and arrangements with their stakeholders for corporate GHG reporting and MRVA

Dr. Tang Jin

World Bank PMR expert on MRVA

SinoCarbon Innovation & Investment Co. Ltd.

Q&A

Friday 28th March 2014 (Day 2)

Session 4 : Laws, Regulations and Arrangements on Emissions Trading Scheme/Initiative

09:30-12:00

ETS in China: Overview, technical designs and related laws

- For Thai participants to learn on the ETS concept, designs, key elements, and related laws and regulations in China (including important steps that needs to be prepared)

Mr. Qian Guoqiang
Strategy Director, SinoCarbon Innovation & Investment Co. Ltd.
Member, Joint Implementation Supervisory Committee, UNFCCC
Board Member, The Gold Standard Foundation

Q&A

12:00-13:00

Lunch break

13:00-15:00

**Thailand's preparation on Voluntary Carbon Market : T-VER & T-VETS;
and other low carbon business by TGO**

- T-VER & T-VETS concept, designs and key elements;

Thailand-Voluntary Emission Reduction (T-VER)

Mrs. Bongkoch Kittisompun
Director of Project Approval and Monitoring Office
Thailand Greenhouse Gas Management Organization

**Concepts on Thailand-Voluntary Emission Trading Scheme (T-VETS)
and other low carbon business by TGO**

Dr. Pongvipa Lohsomboon
Deputy Executive Director
Thailand Greenhouse Gas Management Organization

Q&A

15.00

Closing of a Technical Workshop

Mrs. Prasertsuk Chamornmarn
Executive Director
Thailand Greenhouse Gas Management Organization

Biographies

Chair

Mrs. Prasertsuk Chamornmarn

Executive Director of Thailand Greenhouse Gas Management Organization

Mrs. Prasertsuk Chamornmarn becomes the Executive Director of the Thailand Greenhouse Gas Management Organization (Public Organization) (TGO) in March 2014, having served as Acting Executive Director of TGO since 2012. She is also performing as the Assistant Secretary to the National Committee on Climate Change Policy, which is chaired by Thailand' Prime Minister. Since 2004, she has represented Thailand at the Conference of the Parties (COP) of the United Nations Framework Convention on Climate Change (UNFCCC) and COP serving as Meeting of the Parties (CMP) to the Kyoto Protocol. During her career at TGO, Mrs. Chamornmarn has the leading role and accomplishment in several key activities including: Developing regulations for Clean Development Mechanism (CDM) under the Kyoto Protocol; Developing Thailand's Carbon Market and related carbon business; and Establishment of the Climate Change International Training Center (CITC) in Thailand to deliver knowledge management on climate change for participants from ASEAN countries, regionally and internationally.



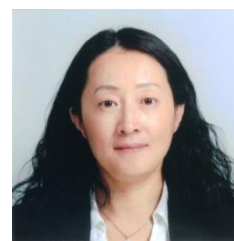
China's Delegate Speakers

Prof. Zhu Songli

National Inventory Review Expert for UNFCCC

Energy Research Institute of National Development and Reform Commission (NDRC)

Prof. Zhu Songli is a key staff at the Center for Energy, Environment and Climate Change Research, Energy Research Institute (ERI) of National Development and Reform Commission (NDRC), Beijing, China and is one of the leading Chinese experts on national and provincial Inventories. Majoring in Environmental Sciences and Energy Policy, Prof. Zhu got her MSc in Both Beijing Normal University, China and Imperial College London, UK. After joining Energy Research Institute (ERI), National Development and Reform Commission in 1999, Prof. Zhu began to conduct study on energy-related environment and climate change policies in order to provide support for domestic policy development and international political dialogue. She especially focuses her study on National GHG inventory development since 2001. In 2005, she was recommended to review the "2006 IPCC National Greenhouse Gases Inventory Guidelines". In 2011, she was nominated to take part in the training and examination of inventory review organized by UNFCCC. Also from that year, Prof. Zhu began to join the Centralized Review every year as the energy reviewer for GHG emission inventory submitted to UNFCCC by Annex I parties. Besides these work on national energy inventory development, Prof. Zhu also worked on the local and facility-based energy inventory.



Dr. Tang Jin

World Bank PMR expert on MRVA

SinoCarbon Innovation & Investment Co. Ltd.

Dr. Tang Jin is one of China's leading ETS specialists and a recognized expert on MRVA, with one of the most extensive records of any expert in China in directly supporting MRVA both at the pilot and national levels. He is well known in the ETS community and for the last five years has been involved in the design and development of China's carbon market including CDM, the 7 ETS Pilots and the National ETS. His deep knowledge and expertise is reflected in the delivery of high profile presentations and training, guidance, and capacity building for Chinese ETS stakeholders at all levels and to international audiences including leading key events held by World Bank PMR, ADB, EDF, and JICA. He has delivered training sessions covering MRV programme design to delegates from all 7 ETS Pilots. He is also an expert at conducting technical analysis of energy intensive processes and associated GHG emissions, bringing the full set of skills to MRV.



Mr. Qian Guoqiang

Strategy Director, SinoCarbon Innovation & Investment Co. Ltd.

Member, Joint Implementation Supervisory Committee, UNFCCC

Board Member, The Gold Standard Foundation

Mr. Qian Guoqiang is a senior consultant on carbon policy and market instrument. He is one of the national experts and deeply involved in the designing and of both national and 7 pilot ETS in China. He is now leading a research team of more than 35 people following climate and carbon policies and practices worldwide and all across China, and provides related analytical and advisory services to both the government and business. He used to be a member of the Chinese Delegation to UN climate negotiations, and a leading negotiator for a number of agenda items.



Thailand's Delegate Speakers

Dr. Pongvipa Lohsomboon

Deputy Executive Director of Thailand Greenhouse Gas Management Organization

Dr. Pongvipa Lohsomboon is the Deputy Executive Director and Acting Director of the Carbon Business Office of Thailand Greenhouse Gas Management Organization (Public Organization) (TGO). Previously, she worked for the Thailand Environmental Institute in Bangkok, from 1996 to 2008 as the Director of the Business and Environment Program. She is an expert in Eco-labelling and in developing environmental criteria for green products. Dr. Lohsomboon has implemented projects promoting environmental sustainability, including life cycle inventories and assessment, cleaner technology and the development of Environmental Performance Indicators for various industrial sectors. She serves as a national expert to TC207/SC3, SC5 and SC7 committees (ISO 14000 standards). Dr. Lohsomboon holds a Ph.D. in Science from Graduate School of Life and Environmental Studies, University of Tsukuba, Japan and a Master Degree in Business Administration (MBA) from Thammasat University, Thailand.



Mrs. Bongkoch Kittisompun

Director of Review and Monitoring Office, Thailand Greenhouse Gas Management Organization

Mrs. Bongkoch Kittisompun has work experience at Department of Industrial Works under the Ministry of Industry for 30 years, before being appointed as the Director of Review and Monitoring Office of Thailand Greenhouse Gas Management Organization (Public Organization) (TGO) in 2011. Her roles at TGO include: Review and monitoring of CDM Projects; Developing methodology, tools and guidelines for the Thailand Voluntary Emission Reduction Program (T-VER); Preparation on the Partnership for Market Readiness Programme (PMR); and Cooperating with international organizations to work on technical issues relating to greenhouse gas reduction. Mrs. Kittisompun is also a guest lecturer at Thammasat University and Sri Pathum University delivering lecture in various topics such as CDM, Climate Change Issues, MRV and T-VER Program.



Dr. Natarika Wayuparb

Director of Strategy Office, Thailand Greenhouse Gas Management Organization

Dr. Natarika Wayuparb worked at Thailand's Ministry of Natural Resources and Environment (MNRE) for 17 years. In 2004, she joined the climate change office at the Office of Natural Resources and Environmental Policy and Planning (ONEP), the National Focal Point on climate change. Her roles at ONEP included working and coordinating on Thailand's implementation under the United Nations Framework Convention on Climate Change, and the Kyoto Protocol. In 2007, she was assigned to work on the establishment of Thailand Greenhouse Gas Management Organization (TGO), under MNRE, before being transferred from ONEP to TGO in 2008. At TGO, Dr. Wayuparb is positioned as Director of Strategy Office. Her main responsibilities includes: the areas of enhancing GHG mitigation; TGO strategy; NAMAs and low carbon development; Low carbon city; TGO's international cooperation; and serving as Thai Delegate to the UNFCCC negotiation sessions since the year 2004. Dr. Wayuparb got her Master of Science in Environmental Management from Mahidol University, Thailand and a Ph.D. in Environmental Planning from Macquarie University, Sydney, Australia.



List of Participating Agencies

1.	Office of the National Economic and Social Development Board	Office of the Prime Minister
2.	Department of Drainage and Sewerage	Bangkok Metropolitan Administration
3.	Department of Environment	Bangkok Metropolitan Administration
4.	Department of Livestock Development	Ministry of Agriculture and Cooperatives
5.	Office of Agricultural Economics	Ministry of Agriculture and Cooperatives
6.	Department of Alternative Energy Development and Efficiency	Ministry of Energy
7.	Department of Energy Business	Ministry of Energy
8.	Energy Policy and Planning Office	Ministry of Energy
9.	The Excise Department	Ministry of Finance
10.	Department of Industrial Works	Ministry of Industry
11.	National Statistical Office	Ministry of Information and Communication Technology
12.	Office of the Permanent Secretary	Ministry of Interior
13.	Department of Environmental Quality Promotion	Ministry of Natural Resources and Environment
14.	Department of Marine and Coastal Resources	Ministry of Natural Resources and Environment
15.	Department of National Parks, Wildlife and Plant Conservation	Ministry of Natural Resources and Environment
16.	Office of Natural Resources and Environmental Policy and Planning	Ministry of Natural Resources and Environment
17.	Office of the Permanent Secretary	Ministry of Natural Resources and Environment
18.	Royal Forest Department	Ministry of Natural Resources and Environment
19.	Thailand Greenhouse Gas Management Organization (Public Organization)	Ministry of Natural Resources and Environment
20.	Department of Civil Aviation	Ministry of Transport
21.	Department of Land Transport	Ministry of Transport
22.	Office of Transport and Traffic Policy and Planning	Ministry of Transport
23.	Faculty of Law	Chulalongkorn University
24.	Faculty of Law	Huachiew Chalermprakiet University
25.	Faculty of Law	Thammasat University
26.	School of Manufacturing Systems and Mechanical Engineering (MSME), Sirindhorn International Institute of Technology	Thammasat University
27.	Electricity Generating Authority of Thailand	
28.	National Municipal League of Thailand	
29.	Office of the Attorney General	
30.	PTT Public Company Limited	
31.	Thai Airways International Public Co.,Ltd.	
32.	Thailand Textile Institute	