

The 12th Workshop on GHG Inventories in Asia (WGIA12)

Enhancement of Network for Supporting
Measurement, Reporting and Verification
(MRV) at various level

6th August 2014

Climate Change International Technical and
Training Center (CITC)





CLIMATE CHANGE INTERNATIONAL TECHNICAL AND TRAINING CENTER (CITC)





CITC is :

- Established by Thailand Greenhouse Gas Management Organization (TGO)
- A flagship project by the Ministry of Natural Resources Environment, Thailand
- Supported by Japan International Cooperation Agency (JICA)
- Aimed to be a
 - “One-stop technical and training center” and
 - “Networking platform”
 - On climate change mitigation and adaptation
- Providing capacity development for Thailand, ASEAN

Mission

- Provide capacity development in the field of climate change mitigation and adaptation
- Facilitate and promote of climate change networking platform
- Develop knowledge hub and information dissemination center of climate change mitigation and adaptation

- In-depth training and hands-on approach
- Train the Trainers (TTT)
- Climate change Network





Business Lines : Proficient, Practical, and User Friendly

Training Service

Delivering capacity

development services for enhancing institutional and human resources



Networking & Cooperation

- Integrate experiences in developed countries and ASEAN countries
- Promote climate change networks to support training

Knowledge Outreach

Disseminate knowledge on climate change for stakeholders such as governments, academic sectors, private entities, communities and general public



Enhancement of Network for Supporting Measurement, Reporting and Verification (MRV) at various levels

Official Launch of CITC and Workshop for Capacity Development on Low Carbon Society (LCS) in the Southeast Asia Region, 9-9 May 2014, Dusit thani Pattaya



Knowledge Clusters for Training Courses

GHG Inventory

For Central Government Authorities

For Local Government Authorities

For Private Companies

Low Carbon Society Development

For Central Government Authorities

For Local Government Authorities

For Private Companies

Mitigation Mechanism

Mitigation and MRV courses

Carbon Sequestration and REDD/REDD+

Sustainable GHG Management

Climate Change Economics and Finance

Carbon Business



CITC Networking with partners to support trainings

Supporting organizations for CITC activities in Thailand



International cooperation with JICA and other organizations i.e. IGES, NIES, OECC, GIZ, USAID, etc.

ASEAN Secretariat

CC networks; LoCARNet, etc.

National focal points of UNFCCC in Southeast Asia countries

Southeast Asia & other countries





Course: Sector Based GHG Inventory for Central

- ❖ *To develop the curriculum, in Sectoral based GHG inventory for central government organizations training course,*
- ❖ *To develop and implement the Training for the trainer course, to related central government organizations,*
- ❖ *To develop the teaching materials, which include instruction manual, training document, slide handouts and other related tools all are in Thai language.*
- ❖ *To implement the training courses for central government organizations*



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Component Courses



Based on the
Revised 1996
IPCC Guidelines

Comp 1 : Basic concept of GHG inventory

Comp 2 : GHG emission sources and data collection approaches (each sector)

Comp 3 : GHG accounting methodology

Comp 4 : GHG quality management and reporting

Comp 5 : GHG inventory applications

Trainings Document and Instructor's Manual

1. Basic Knowledge

2. Energy

3. Industrial process and solvent

4. Agriculture

5. Land use Change and Forestry

6. Waste



About the Training documents



Introduction



Energy



Industrial Processes, Solvent and Other Product Use



Agriculture and Other Product Use



LUCF



Waste

Training document set (each sector)

- (i) Textbook (in Thai)
 - Instructor manual
 - Student manual
- (ii) Slide handouts
- (iii) Training for the trainer document
- (iv) Other related media



Training schedule



Sectoral Based GHG Inventory Courses

Course 1

Training 1 : Training to test course at least 20 attendants (13 – 15 August 2014)

Training 3 : Training to publish course at least 30 attendants (3 – 5 September 2014)

Course 2

Training 2 : Training to Trainer (TTT) at least 10 attendants (18 – 19 August 2014)



โครงการพัฒนาหลักสูตรการจดทาบัญชีก๊าซเรือนกระจกราย สาขา



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FROM THE AMERICAN PEOPLE



AGMC
ASIAN GREENHOUSE GAS
MANAGEMENT CENTER



Climate Change
International
Training Center
(CITC)



INTRODUCTION TO THE E-LEARNING COURSE ON THE 2006 IPCC GUIDELINES FOR NATIONAL GREENHOUSE GAS INVENTORIES

One-day session on the 2006 IPCC Guidelines for National Greenhouse Gas with an introduction to Part 1, *501 IPCC – Introduction and Cross-Cutting Issues*. During the session, participants will complete Lesson 1. They will also be introduced to the:

- underlying philosophy and importance of the IPCC guidelines;
- power and future of e-learning;
- structure of the training program and curriculum; and



CITC Activities to develop networking activities in order to support

Activities on climate change **Output**

1. Review and analysis on current situation of networks on climate Change
2. Establishment of the networks on climate change and collaboration
3. Implementation of activities with the networks and exchanging knowledge and experiences
4. Analyzing and evaluation of

- Climate change networks and climate change experts' network
- Lessons learned report on climate change implementation
- Workshops/forums on climate change knowledge and experiences of participants



“Workshop on Capacity Development Role for GHG Inventory Preparation in ASEAN countries: How can trainings facilitate to breakthrough the barriers on GHG inventory preparation?”

**7th August 2014, 8.30 – 12.35 hrs
at Infinity 2, Pullman Bangkok King Power
Hotel, Thailand**



countries: How can trainings facilitate to breakthrough the barriers on GHG inventory preparation?”

Workshop Objectives

- To **exchange information** on barriers and issues related to sustainable GHG inventory development and management.
- To **initiate networking** among GHG inventory related stakeholders through **CITC networking platform**.
- To **explore possible solutions** to solve such barriers.

countries: How can trainings facilitate to breakthrough the barriers on GHG inventory preparation?”

Outputs and Benefit of Participation

- Enhanced knowledge and understanding on current condition and important issues related to GHG inventory development and management.
- Information and experience sharing with other leading international experts/researchers and government officials.
- Established and strengthened networking with other experts and government officials.



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Inventory Preparation in ASEAN countries: How can trainings facilitate to breakthrough the barriers on GHG inventory preparation?”



Climate Change International Technical and Training Center (CITC)

“ One-stop technical and training center ”



(Draft) Agenda

**“Workshop on Capacity Development Role for GHG Inventory Preparation in ASEAN countries:
How can trainings facilitate to breakthrough the barriers on GHG inventory preparation?”**

7th August 2014, 8.30 – 12.35 hrs at Infinity 2, Pullman Bangkok King Power Hotel, Thailand



08.30 - 09.00

Registration

09.00 - 09.10

Welcome Remarks

Mrs. Prasertsuk Chamornmarn, Executive Director, TGO

09.10 – 09.20

Opening Remarks

Mr. Sunthad Somchevita, Chairman of the Board of CITC



Inventory Preparation in ASEAN countries: How can trainings facilitate to breakthrough the barriers on GHG inventory preparation?"

9.20-10.10

Presentation Session:

Significance of GHG inventory development in Southeast Asia

Mr. Conrado Heruela, United Nation Environment Programme (UNEP)

Wrap-up of WGIA12

Ms. Elsa Hatanaka, Greenhouse Gas Inventory Office of Japan (GIO)

Capacity development needs and relevant IPCC TFI activities

Mr. Kiyoto Tanabe, IPCC TFI-TSU

10.10-10.25

Coffee Break

10.25 - 11.10

Discussion Session:

Views from national authorities preparation : Current Updates and Barriers of GHG Inventory Development in the Southeast Asian Region

Representative from Office of Natural Resources and Environmental Policy and Planning (ONEP), Thailand

Dr. Paris Chuop , Ministry of Environment (Cambodia)

Mr. Nguyen Trong Hung, Ministry of Natural Resources and Environment (Vietnam)

Facilitator : Mr. Chessada Sakulku, TGO

Inventory Preparation in ASEAN countries: How can trainings facilitate to breakthrough the barriers on GHG inventory preparation?"

11.10 - 12.25

Views from international experts : Capacity development on GHG inventory development in Southeast Asia: role and prospect

Dr. Retno Gumilang Dewi, Center for Research on Energy Policy - Institut Teknologi Bandung (Indonesia)

Dr. Elizabeth M.P. Philip, Forest Research Institute (Malaysia)

Ms. Trang Minh Dao, Institute of Meteorology, Hydrology, and Environment (Vietnam)

Assistant Prof. Wongkot Wongsapai, Chiangmai University, Thailand

Dr. Mariko Fujimori, JICA Expert Team

Dr. Shuzo Nishioka, Institute for Global Environmental Strategies (IGES)

Facilitator : Dr. Jakkani Kananurak, TGO

12.25 - 12.35

Closing Remarks

Representative from JICA (TBC)

Thank you
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