



Climate Change International Technical and Training Center (CITC)

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**Thailand Greenhouse Gas Management Organization
(Public Organization)**



TGO Introduction

Thailand Greenhouse Gas Management Organization (Public Organization): TGO



- Established in 2007, under Ministry of Natural Resources and Environment
- Designated National Authority for CDM implementation (DNA-CDM)
- Co-Secretariat Office for the National Committee on Climate Change (NCCC)
- Technical Supporting Agency for Climate Change Mitigation
- Enhancing the capacity building of the government and private sectors on greenhouse gas management

TGO: GHG Management Program (GMAP)

Goal

- The target groups properly apply the knowledge to their work place which driven to low carbon society development
- The target groups have climate friendly mind and change their behavior to low carbon life style

Obj.

- To enhance capacity for the target groups on both TGO GHG mitigation and International schemes ,and other related issues in corresponsive with their capacity needs and global context.
- To create positive attitude on climate friendly actions and raise awareness on GHG mitigation to the public through various communication channels (for examples TGO's Climate Change Channel .

TGO: GHG Management Program (GMAP)

Example of provided training topics

- **GHG Management**
- **NAMAs and MRV**
- **Clean Development Mechanism (CDM)**
- **CDM-Programme of Activities: PoA and Coordinating/ Managing Entity: C/ME**
- **GHG Protocol, ISO 14064 and Carbon footprint**
- **GHG Inventory Audit**
- **Designated Operational Entity (DOE)**

- **JICA Phase I (Jan. 2010 – Jan. 2012)**
Capacity Development and Institutional Strengthening for GHG Mitigation in Thailand

Total no. of trainees (2009 - 2012) ≈ 3000

10 Trainers (*in CDM, Carbon Trading UNFCCC Structure and Negotiations, GHG Mitigation in relevant sectors, Carbon Footprint, GHG Inventory*)



□ TGO is moving forward from National project on
**“Capacity Development and Institutional
Strengthening for GHG Mitigation in
Thailand”**

to

**“The establishment of Climate Change
International Technical and Training Center:
CITC”**

- **10 Aug 2012** – Signing ceremony of Minute of Meeting on Japanese Technical Cooperation Project for Capacity Development on Mitigation/Adaptation for Climate Change in the Southeast Asia Region in the Kingdom of Thailand between TGO and JICA



- **21 Dec 2012** – Signing of Record of Discussion on Japanese Technical Cooperation Project for Capacity Development on Mitigation/Adaptation for Climate Change in the Southeast Asia Region in the Kingdom of Thailand between TGO and JICA

CITC Background & Justification

United Nations
Framework Convention
on Climate Change:
UNFCCC

“Stabilize greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system”

The ASEAN Community
(AC) Roadmap

Work towards achieving sustainable development as well as promoting clean and green environment for the ASEAN region

The 11th National
Economic and Social
Development Plan

- Paradigm shift to green and low carbon society
- Capacity building on adaptation to reduce vulnerabilities to climate change impact
- Develop the database and registry system of GHG emission and carbon market
- To establish carbon fund and promote carbon market
- Develop the Thailand MRV system
- Promote the carbon label and carbon footprint

Government Policy of
the Prime Minister
H.E. Ms.Yingluck
Shinawatra

- To promote mitigation measures/ global warming issue in manufacturing, transportation and residential sectors.
- To increase the usage of RE in industrial sector by using revenue from selling carbon credit as incentive.
- To promote urban development and reduce GHG emission with an aim to become low carbon society.

Ministry of Natural
Resources and
Environment

The ultimate Goal of Thailand's Climate Change Mater Plan is to reduce GHG emission and to be a Low Carbon Society in the next 40 years (2050)

Climate Change International Technical and Training Center (CITC)

Ministry's
Flagship
Project

CITC Overview

- Thailand Greenhouse Gas Management Organization
(Public Organization) (TGO)
- Japan International Cooperation Agency (JICA)



Objective

To enhance the capacity of stakeholders to move towards low carbon society

Targets

Mitigation/Adaptation related government agencies, academic institutions, private companies and general public

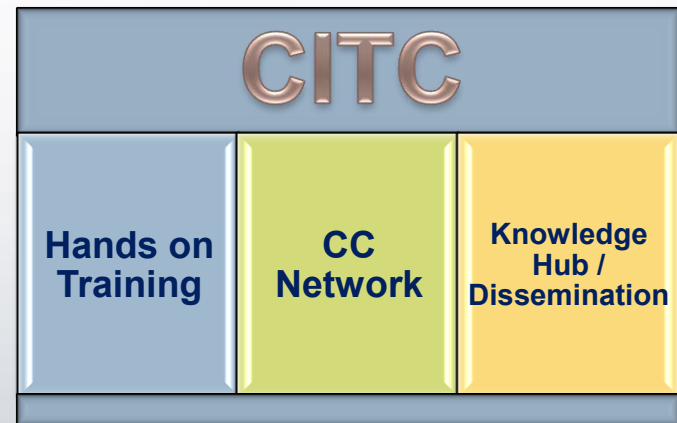
CITC Overview

Vision

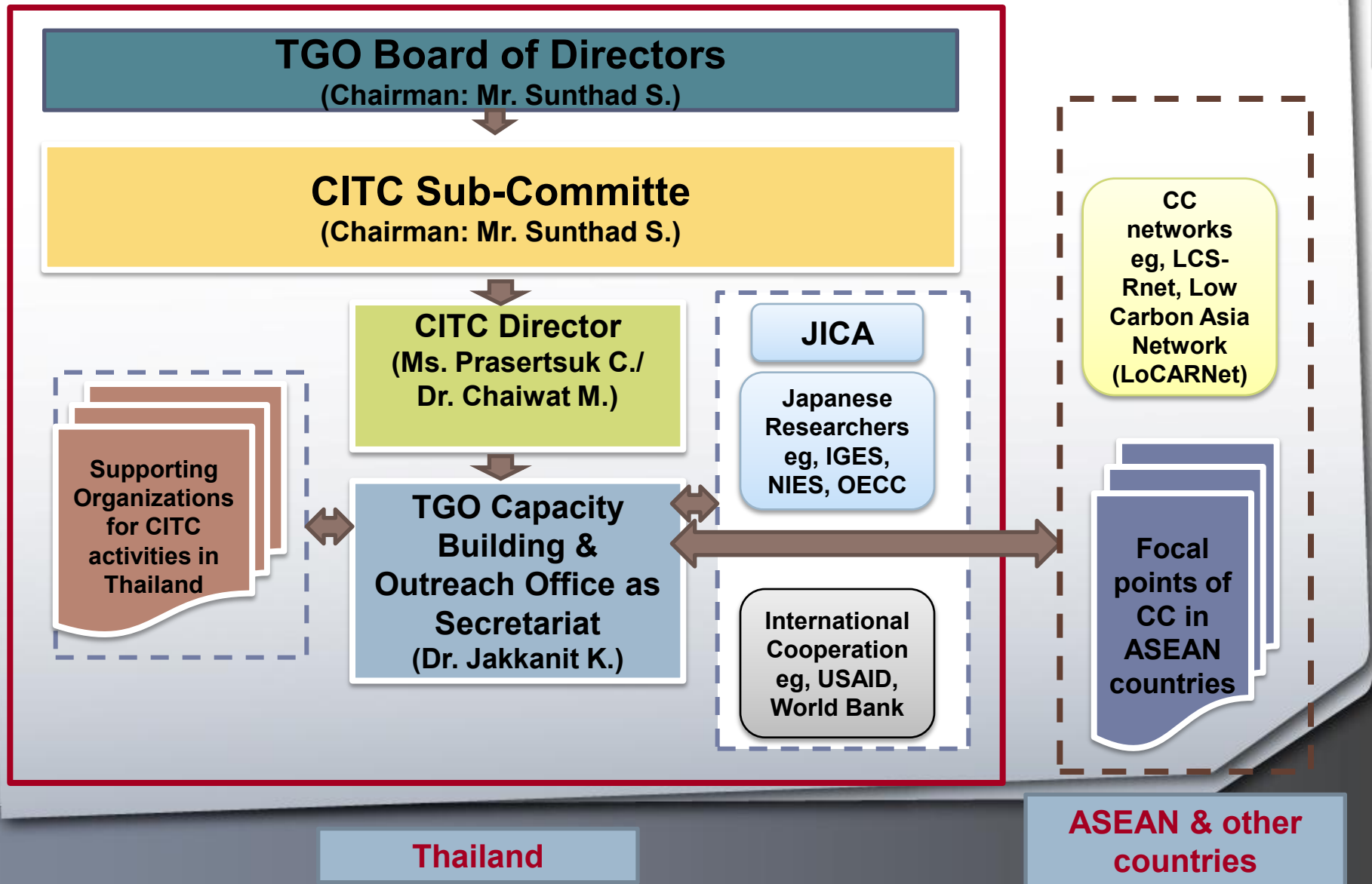
- “To be a technical and training center, and networking platform for Thailand, ASEAN countries ,and other developing countries to address climate change”

Mission

- Provide capacity development in the field of Climate Change Mitigation and Adaptation
- Facilitate and promote the Climate Change networking platform
- Develop knowledge hub and information dissemination center of Climate Change Mitigation and Adaptation



CITC Structure



CITC Concept

Climate Change

- *In-depth training and hands-on approach*
- *Train of Trainers*
- *Policy Recommendations*
- *Integration of Mitigation and Adaptation*
- *Climate change Network*
- *Green Job*
- *Sustainability*

Mitigation

Adaptation

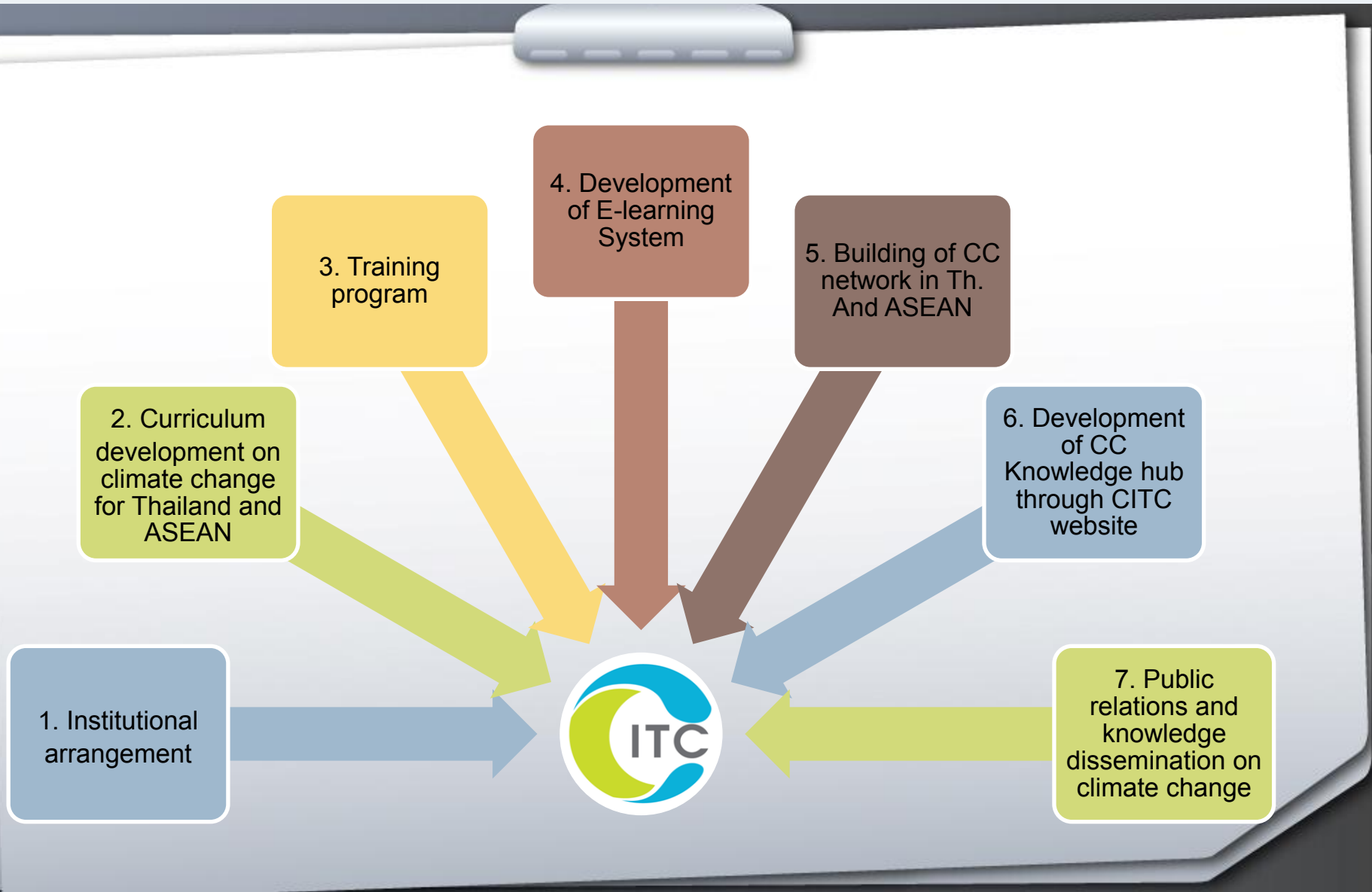
Sustainable Development

Achieving







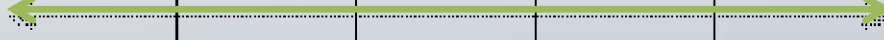
Low Carbon Society

Carbon Reduction, Good Quality of Life, Environmental Friendly

CITC Activities



Workplan (5 years)

No.	Activities	Year				
		2013	2014	2015	2016	2017
1	Institutional arrangement for CITC					
2	Curriculum development on climate change for Thailand and ASEAN					
3	Training Provision					
4	Development of E-learning system					
5	Development of climate change network in Thailand and in ASEAN					
6	Climate change knowledge management					
7	Public relations and knowledge dissemination on climate change					

CITC Curriculum (5 years)

1. Low Carbon Society

Low Carbon Development Strategy, Policy Tools, MRV for

Low Carbon Strategy

- Policy Makers
- Implementers

Low Carbon Planning

- Local Leaders
- Local Practitioners

2. GHG Inventory

GHG Database: Collecting data, tools, MRV for

Sectoral Based

- Govt Implementers
- Private Agencies

Local Based (Area Based)

- Local Practitioners

3. Mitigation Mechanism

- NAMAs
- ET & Certificate Schemes
- Carbon Sequestration and REDD/REDD+
- MRV
- Specific course for PMR
 - > Low Carbon City Program
 - > Energy Performance

4. Various approaches

- Climate change economics and finance
- Carbon Business (i.e. CFO, CFP)
- etc.,



Thank You for you Attentions

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