

Capacity Building Needs for Low Carbon Development in Asia: The Thailand Experience

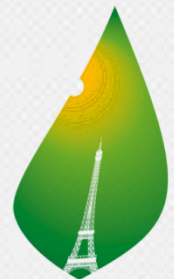


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Thailand Greenhouse Gas Management Organization (Public Organization) (TGO)

Paris Agreement

- **Article 11:** “**Capacity-building** under this Agreement should **enhance the capacity and ability of developing country Parties to implement adaptation and mitigation actions**, and should facilitate technology development, dissemination and deployment, access to climate finance, relevant aspects of **education, training and public awareness.**”
- **The establishment of the Paris Committee on Capacity-Building, PCCB**, to address gaps and needs for both current and emerging, in implementing capacity-building in developing countries and further enhancing capacity-building efforts.



COP21 · CMP11
PARIS 2015
UN CLIMATE CHANGE CONFERENCE



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



SUSTAINABLE DEVELOPMENT GOALS



Take urgent action to combat climate change and its impacts

Targets

- **Strengthen resilience and adaptive capacity** to climate-related hazards and natural disasters in all countries
- Integrate climate change measures into national policies, strategies and planning
- **Improve education, awareness-raising and human and institutional capacity** on climate change mitigation, adaptation, impact reduction and early warning
- Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible
- **Promote mechanisms for raising capacity** for effective climate **change-related planning and management** in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities



Targets

Capacity building

Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the sustainable development goals, including through North-South, South-South and triangular cooperation

Thailand's NDC Submission

Pre-2020



❖ NAMA: COP20

“Thailand will endeavor, on a voluntary basis, to reduce its GHG emissions in the range of **7 to 20 percent below the Business as Usual (BAU) in energy and transportation sectors in 2020**, subject to the level of international support provided [...]”

Coverage:

Renewable Energy

Energy Efficiency

Bio-fuels

Transport

Post-2020

❖ INDC: COP21

“Thailand intends to reduce its greenhouse gas emissions by **20 percent from the projected business-as-usual (BAU) level by 2030**. The level of contribution **could increase up to 25 percent**, subject to adequate and enhanced [support] through a balanced and ambitious global agreement [...]”

Coverage:

Economy-Wide

Inclusion of **LULUCF** will be decided later

LULUCF: Land Use and Land Use Change and Forestry

Introduction to CITC

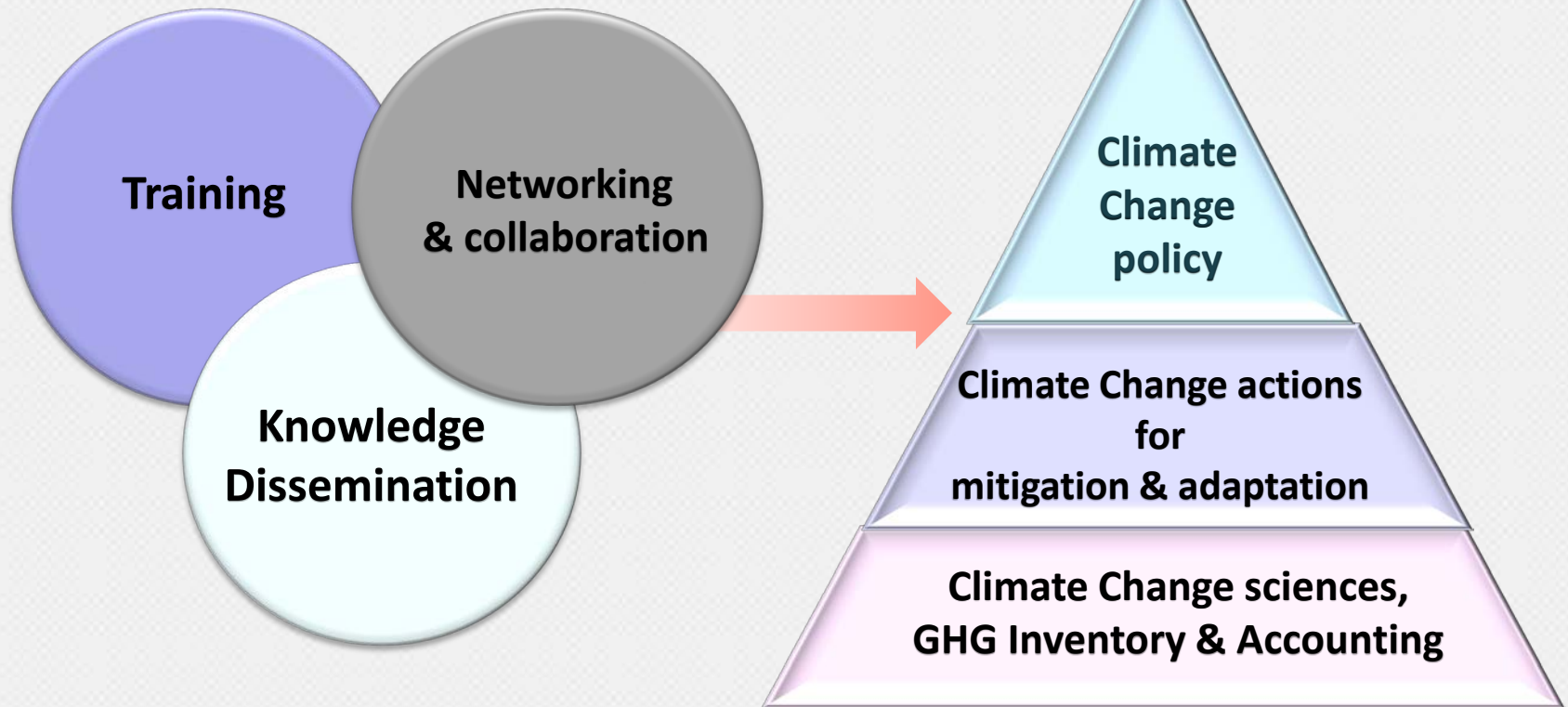
- **Established by** Thailand Greenhouse Gas Management Organization (TGO)
- **A flagship project** by the Ministry of Natural Resources and Environment, Thailand
- **Officially launched** on May 8, 2014



Introduction to CITC

CITC Services

Knowledge Areas



Signature Course (Domestic)

Climate Change Management for Sustainable Development (CCSD)

Objective

- **Enhance understanding** on the importance of low carbon and climate resilient society development in view of sustainable development
- **Learn effective approaches** to accelerate low-carbon and climate-resilient development, such as strengthening relevant policies and actions
- **Learn and share lessons and experiences** among trainees that face similar challenges in addressing climate change

Target

- Practitioners to mid-level officials who have basic understanding on climate change issues
- Government officials
- Local governments
- Academia

Contents

- Trend and outlook of international and national of climate actions
- Approach to link climate actions with sustainable development and SDGs with the principle of low-carbon and climate-resilient society development
- Policy and action development for climate change adaptation and mitigation
- Sharing climate vision and challenges and exchanging opinions among climate change-related agencies/ departments
- Renowned speakers from international organizations and research/academic institutions.
- Opportunities to hear first-hand experiences from and to exchange opinions with representatives of climate change-related agencies/ departments
- Optional site visit in Thailand on the topic of climate change mitigation and adaptation

Lessons Learned

- The reflection and feedbacks from the implementers (bottom-up) would fulfill the implementing gap from policy makers (top-down)
- The good practices and success case examples is important to illustrate and encourage the trainees.

Signature Course (Domestic)

Climate Change Economics (CCE)

Objective

- A **better understanding on climate change economics** and other related economic mechanisms
- Can **distinguish the mechanisms of climate change economics** and can apply the knowledge obtained to the organization
- The experts, speakers and participants **can exchanging the academic information** on climate change economics with each other and can develop information networking on related climate change

Target

- The officer who is responsible or will be responsible for formulating and implementing sustainable development and related policies at a central government agency
- Academia

Contents

- Introduction to the science of climate change
- Greenhouse gas reduction and allocation
- The international negotiations on greenhouse gases reduction
- The failure of markets to climate change
- Economic measures and mechanisms on greenhouse gases management
- Policies to promote technology and research and development to reduce greenhouse gases
- Cost analysis and benefits
- Economics of climate change adaptation
- Economic measures Impact on climate change

Lessons Learned

- The forum/platform for the coordination and acceleration of improved capacity building activities and knowledge and experience sharing is needed
- Learning from past experience and sharing on failures are important as well as successes

Signature Course (International)

Climate Change Management for Sustainable Development (CCSD)

Objective

- **Enhance understanding** on the importance of low carbon and climate resilient society development in view of sustainable development
- **Learn effective approaches** to accelerate low-carbon and climate-resilient development, such as strengthening relevant policies and actions
- **Learn and share lessons and experiences** among Southeast Asian countries that face similar challenges in addressing climate change

Target

- Government officials in Southeast Asian countries from climate change-related agencies/ departments, including climate change focal point agencies and local governments
- Practitioners to mid-level officials who have basic understanding on climate change issues

Contents

- Trend and outlook of international and ASEAN context of climate actions
- Approach to link climate actions with sustainable development and SDGs with the principle of low-carbon and climate-resilient society development
- Policy and action development for climate change adaptation and mitigation
- Sharing climate vision and challenges and exchanging opinions among Southeast Asian countries
- Renowned speakers from international organizations and research/academic institutions
- Opportunities to hear first-hand experiences from and to exchange opinions with representatives of other Southeast Asian countries related to their country's climate policies and actions
- Optional site visit in Thailand on the topic of climate change mitigation and adaptation

Lessons Learned

- Content of training should address theory and practical application
- The forum/platform for the coordination and acceleration of improved capacity building activities and knowledge and experience sharing is needed

Signature Course (International)

Climate Finance (CF)

Objective

- To provide a general understanding of the **current nature and variety of climate financing opportunities** and **the types of climate mitigation and adaptation projects that they can support**.
- Gain specific knowledge on **how to apply for, access, utilize and provide accountability for the use of climate finance**

Target

- Persons who are responsible for supporting, planning, managing and implementing climate mitigation and adaptation related projects, and who require further understanding of the current mechanisms and procedures for Climate Finance.
- National government officers who engage in mitigation/adaptation related activities, finance planning, and infrastructure development/investment
- Financial and investment related agencies

Contents

- Climate Change Science and Policy
- Climate Finance – Policy and Mechanisms
- Case Studies of Climate Finance Projects
- Accessing Climate Financing and Managing Projects
- Developing Supportive Infrastructures for Climate Finance

Lessons Learned

- There is a lot of money for climate change project. Meanwhile, the capacity building on a process and methodology to access the source and manage the funding required is limited

Thank You for you Attentions

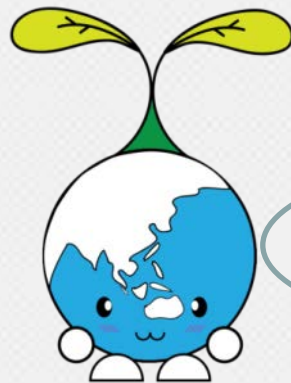
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***Fight against Climate
Change...TOGETHER!!!***