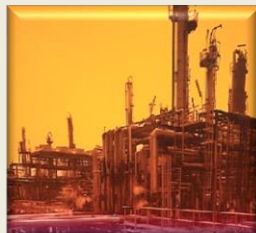




CLIMATE CHANGE INTERNATIONAL TECHNICAL AND TRAINING CENTER (CITC)

Dr. Jakkaniit Kananurak



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 & other countries**

Vision & Missions

Vision

- Become a leading climate change training center in ASEAN

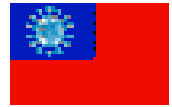
Mission

- Provide capacity development on climate change mitigation and adaptation
- Promote climate change networking platform
- Promote knowledge dissemination on climate change mitigation and adaptation

Through :

- In-depth training & Hands-on approach
- Training the Trainers
- Climate Change Networking





MYANMAR



THAILAND



CAMBODIA



SINGAPORE



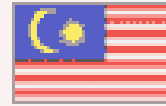
INDONESIA



LAOS



VIETNAM



MALAYSIA



PHILIPPINES



BRUNEI DARUSSALAM



Policy Developers

Academic Sectors

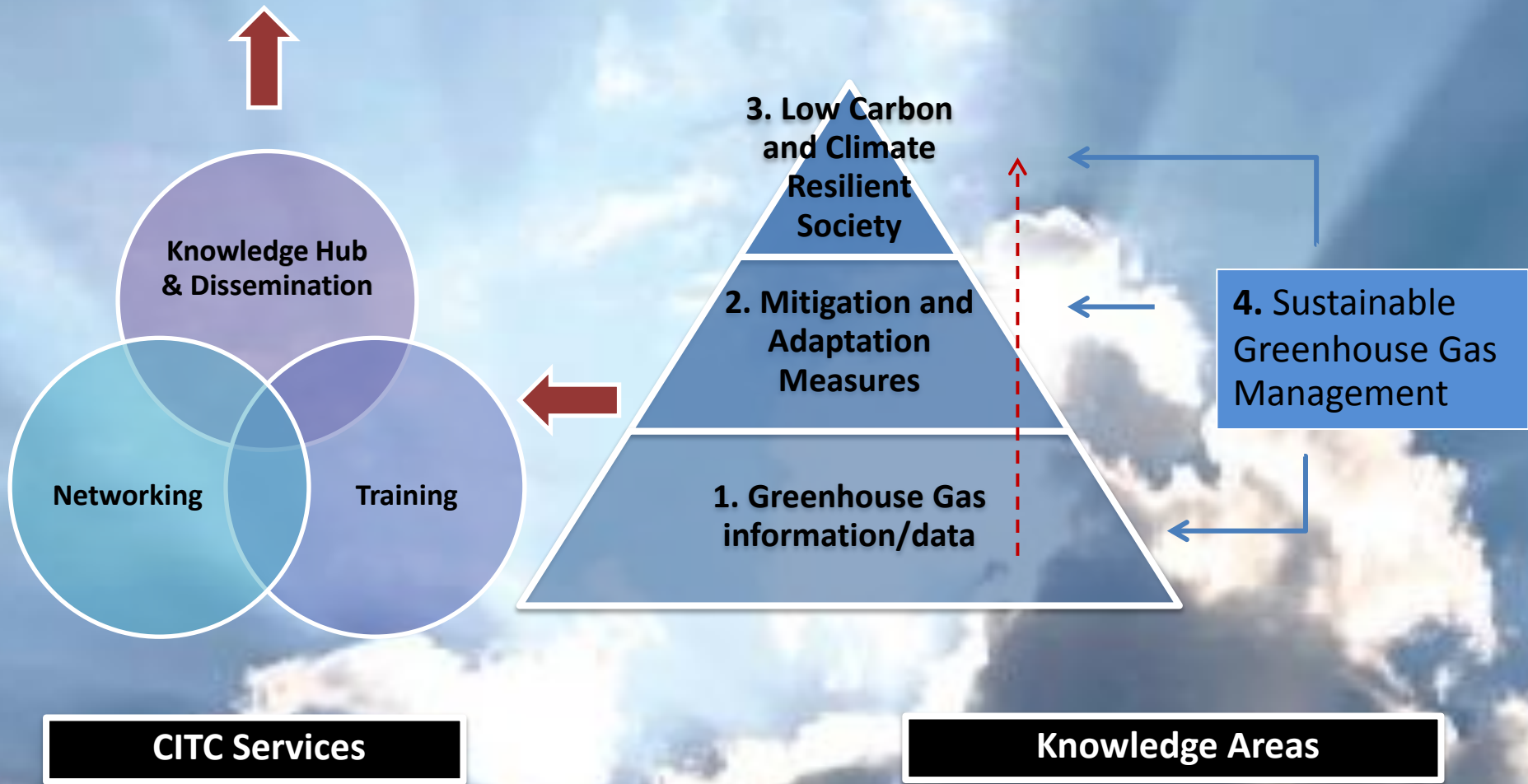
Practitioners

IS.ASIA



Climate Change International Technical and Training Center (CITC)

Goal : Low Carbon Society



CITC Networking with partners to support trainings

Supporting organizations for CITC activities in Thailand

CITC

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

ASEAN Secretariat

CC networks; LowCARNet, etc.

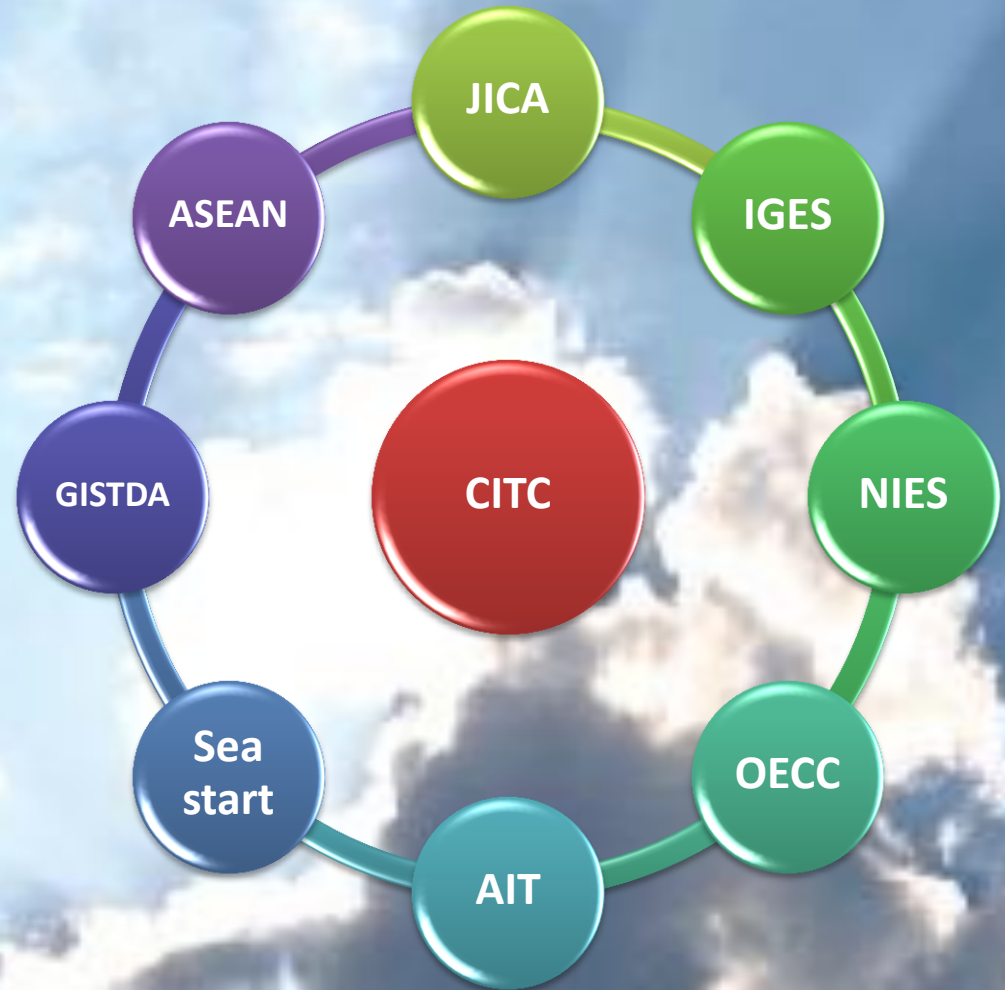
National focal points of UNFCCC in ASEAN

Southeast Asia & other countries



CITC Networking with partners to support trainings

CITC sets up a variety of training programme aiming to enhance the capacity of various stakeholders and networking.



GREENHOUSE GAS INVENTORY



GREENHOUSE GAS INVENTORY

**1. Greenhouse Gas Inventory for sectoral base
(National)**

- **Guideline : IPCC 1996**

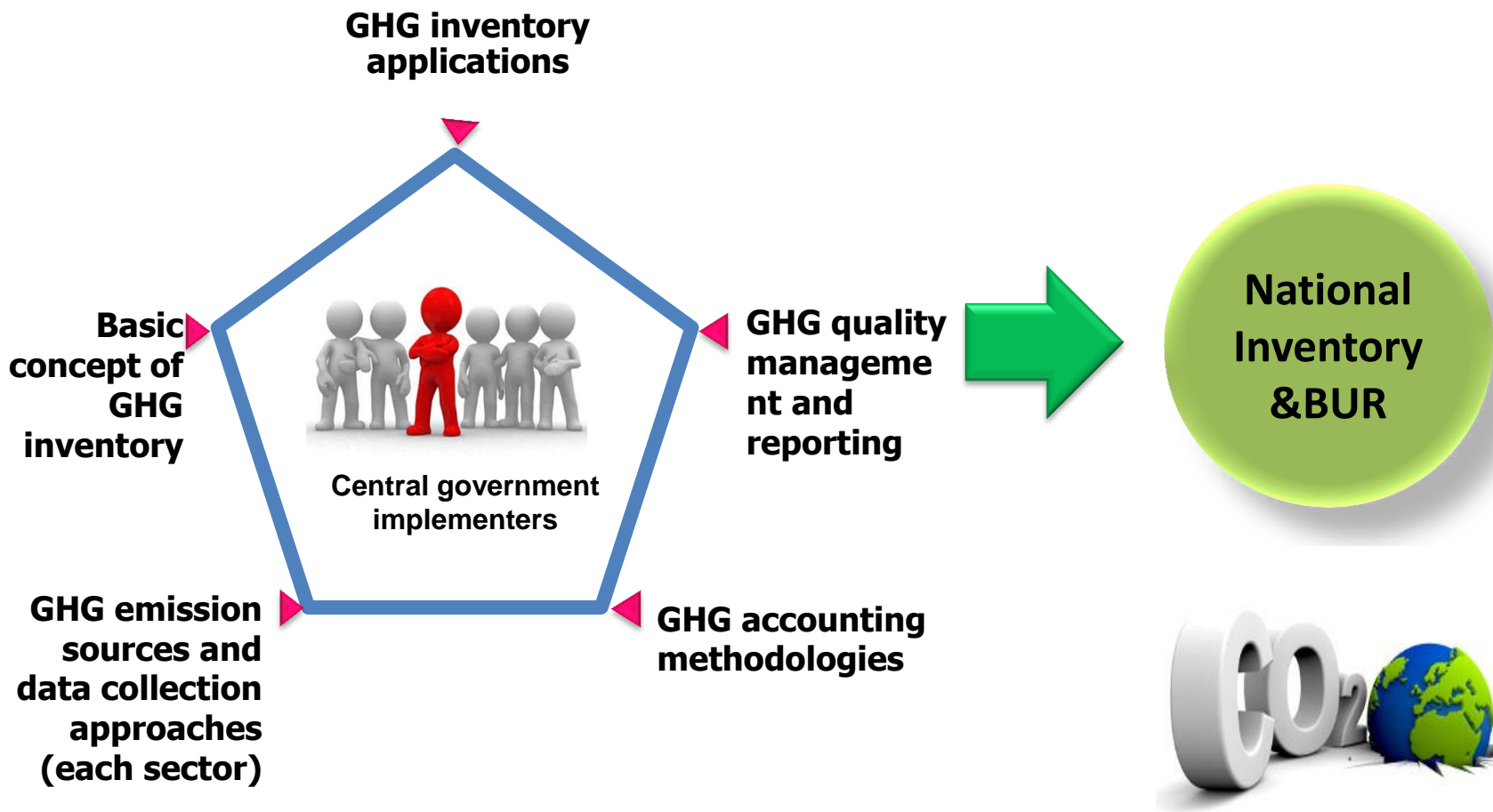
**2. Greenhouse Gas Inventory for area base
(National)**

- **On the process of TNA**

**3. Greenhouse Gas Inventory for sectoral base
(ASEAN COURSE)**

- **Guideline : IPCC 2006**
- **On the process of
curriculum Development**

Sectoral Based GHG Inventory



1. Basic concept of GHG inventory GHG emission sources and data

2. GHG accounting methodologies (Separated by sector)

3. GHG quality management and reporting (Separated by sector)

4. GHG inventory applications



LOW CARBON SOCIETY DEVELOPMENT



LOW CARBON SOCIETY DEVELOPMENT

1. Low Carbon Society Development for Local Government

- Local Executives, Policy Makers
- Practitioners

2. Low Carbon Society Development for Central Government

- Directors
- Practitioners

3. Low Carbon Society Development for ASEAN countries)

- Local Government
- Central Government

LOW CARBON SOCIETY DEVELOPMENT

Low Carbon Society Development for Local Government



IGES, NIES, APAN

Think Globally

Act Locally

Constructing
Action Plan

1: Transition to low-carbon societies

2: Policy procedure for LCS

3: City GHG inventory

4: City GHG mitigation

**5: Climate change impact
adaptation for cities**

**6: Overview of decision making
support tools**

7: Action plan development

8: Policy performance tracking

9: Good governance for low carbon city

10: Capacity building and outreach strategies

11: Networking for LCS effectiveness



Low
Carbon
Society



Local Leaders



Local
Practitioners

LOW CARBON SOCIETY DEVELOPMENT FOR LOCAL EXECUTIVES

1. Introduction to climate change and Low Carbon Society (LCS)

2. Climate change policy trend and benefits of LCS development

3. LCS planning and financial opportunities

4. Good practices: LCS planning and benefits

LOW CARBON SOCIETY DEVELOPMENT FOR LOCAL PRACTITIONERS

LCS Concept, Impact and Co-Benefits

B1 : Introduction to low carbon and resilient society

B2 : Climate change impact in Thailand and vulnerability

B3: Climate change science and International trend of LCS movement

B4: Importance of institutional management to achieve LCS

Mitigation theory and Good practices

B5 : Overview of mitigation and financial opportunities

Group exercise: Problem analysis in municipalities

B6: Good practice (sector activity) on mitigation in Thailand

B7: Case study on mitigation project

Adaptation theory and Good practices

B8 : Overview of adaptation

Group exercise: Vulnerability analysis in municipalities

B9: Good practice (sector activity) on adaptation in Thailand

B7: Case study on adaptation project

CITC Regional Promotion & TNA Trips (Nontaburi- Chaingrai-Songkla-Khonkean)





MITIGATION MECHANISM



MITIGATION MECHANISM

1. Mitigation Mechanism - its definition and roles -

2. Typical Mitigation Mechanisms

- **Financial mechanisms**
- **Institutional mechanisms**
- **Educational mechanisms**

3. Integration of these mechanisms

4. Measurement, Reporting and Verification (MRV) for mitigation mechanisms

5. Good Practices of mitigation mechanisms



Sustainable Greenhouse Gas Management



Sustainable Greenhouse Gas Management

1. Climate Change Economics

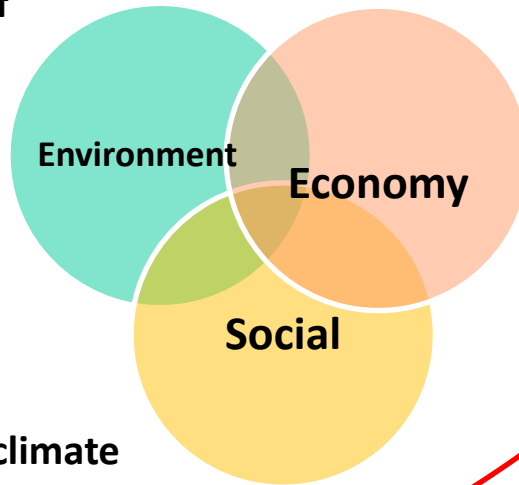
- Economists
- Policy Makers and practitioners at National and Local levels
- Private sectors

2. Climate Finance

- Policy Makers and practitioners at National and Local levels
- Private Banks
- Climate Finance Recipients (& national focal points) and Project Developers
- Private sectors

CLIMATE CHANGE ECONOMICS

1. Introduction the science of climate change.



2. Greenhouse gas reduction and allocation.

3. The international negotiations on greenhouse gases reduction.

4. The failure of markets to climate change.

5. Economic measures and mechanisms on greenhouse gases management.

6. Cost analysis and benefits

7. Economic measures Impact on climate change

8. Economics of climate change adaptation



CCCO & Related Central Implementers

General Public



LOW CARBON SOCIETY

CLIMATE FINANCE

1. Climate Negotiations and Climate Finance agreements

2. Climate Change and the Energy Economy

3. Diversity of Climate Finance mechanism and Institutional Landscape (international, multi-lateral, bi-lateral, private)

4. Mitigation Finance

5. Adaptation Finance

6. Results Finance

CLIMATE FINANCE (Continue)

7. Access to Financing Mechanisms

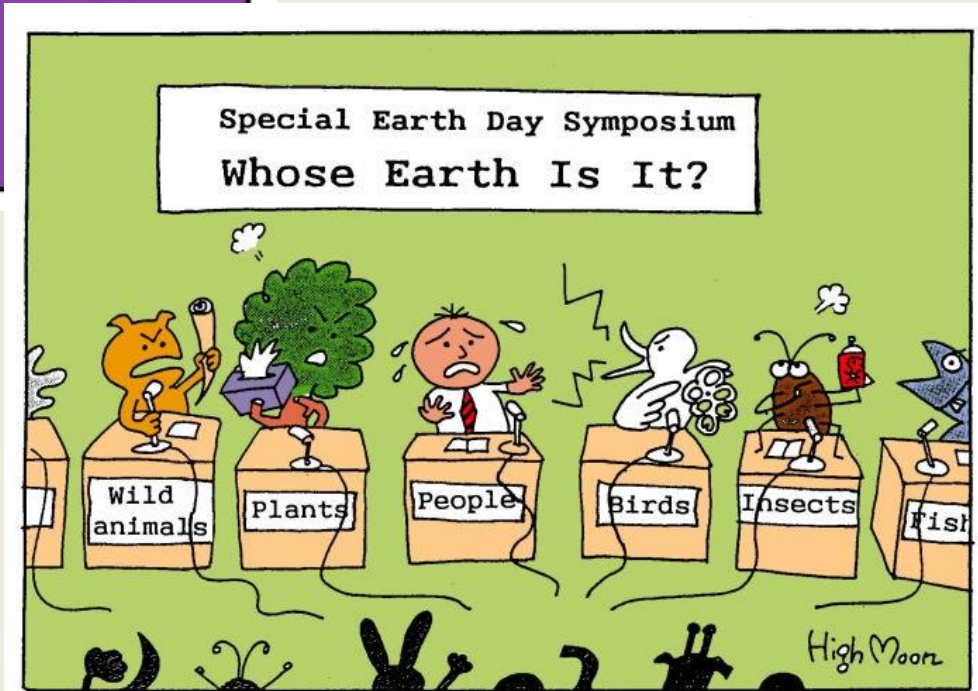
8. Project Types eligible for use of Climate Finance

9. Effective Project Development and Management

10. Monitoring and Evaluation, Reporting Criteria and MRV

11. Public development of supportive institutions & infrastructures

12. Securing Multi-Stakeholder Cooperation and Expertise in projects



THANK YOU

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

www.tgo.or.th

**Climate Change International Technical and Training
Center (CITC)**

www.citc.in.th

