



Low Carbon City Scenario Development and Implementation

14 August 2019 – 3 September 2019

Closing date for application : 28 June 2019

TICA : Thailand International Cooperation Agency

is a national focal point for Thailand's international development cooperation. TICA was established in 2004 to realize Thailand's aspiration to be a contributor of development cooperation. Believing that global challenges are best addressed by international cooperation and global partnership, today we continue to strengthen our contribution to achieve global development agenda through various capacity-building and human resources development programmes. In response to the recent changes in the global landscape of development cooperation, especially through the concept of South-South and Triangular Cooperation, TICA continues to realign our focuses in order to deliver Thailand's commitment to be a relevant partner in global agendas including the 2030 Agenda for Sustainable Development.

AITC : Annual International Training Course

was initiated in 1991 as a framework in providing short-term training for developing partners. Today, the AITC remains one of TICA's flagship programmes. It offers not only a training experience, but also a platform in exchanging ideas and establishing professional network among participants from across the developing world. Aiming at sharing Thailand's best practices and experience to the world, the AITC training courses focus on development topics of our expertise currently categorized under five themes namely; "Sufficiency Economy Philosophy" or SEP, Food Security, Public Health, Climate Change, and Other topics related to Sustainable Development Goals (SDGs).

The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi (KMUTT) has developed, in 2011, a "9 step-methodology guidelines for municipalities to go towards low carbon city development" as a pilot project funded by the Thailand's Greenhouse Gas Management Organization (TGO). This development was conducted closely with Klang municipality, and hence offered the opportunity to fruitfully discuss, share and exchange experience among all stakeholders. On the other hand, JGSEE-CEE has taken an active part in the LCS-RNet and LoCARNet, two major international networks on low carbon society development supported by the Government of Japan. In this regard, JGSEE-CEE has published a brochure on "LCS Khon Kaen 2050", which outlined potential low carbon development for Khon Kaen Municipality. In addition, JGSEE-CEE has proven experience and records in organizing international conference, seminar, workshop and technical training. For this latter, JGSEE-CEE and KMUTT offer suitable facility to welcome trainees from worldwide.

AITC Theme : Climate Change

This training course falls under the AITC theme – "Climate Change". We believed that Climate Change is one of the most serious and pressing global challenges with momentous consequences if left unattended. Therefore, strengthening resilience and adaptive capacity to climate-related hazards and natural disasters is crucial to sustainable future. The AITC courses under the theme "Climate Change" are part of Thailand's commitment to work with the international community to achieve SDG goal # 13 on Climate Action.

Course Objectives

1. To introduce to the participants to the concept of “Low Carbon City Development and Implementation”.
2. To build capacity of the participants on “Low Carbon City Development and Implementation” using the “9 step-methodology guidelines for municipalities to go towards low carbon city development”.
3. To transfer technology, knowledge and experience to the participants through technical visits, guided assignments and workshop discussion, and city-country paper.
4. To set up a network for “Low Carbon City Development and Implementation” of developing countries, which would link to international networks such as LCS-RNet and LoCARNet supported by Japanese government.

Course Methodology

Training methodologies to be used during this training course include;

- lecture
- workshop
- practical exercise
- field visit

Assignment and Evaluation

1) Country Report

Each participant will be asked to prepare their city-country report and present. The format of city-country report should follow the items presented in Attachment 1. Additional items may be provided during the training.

2) Reading Assignment

Prior to attending the course, participants will be asked to search and read references or documents related to Global Warming, Energy and Climate Change, Sustainable Development Goals, Low Carbon City Development, Low Carbon Scenario Development; IPCC 2006 Guidelines for National Greenhouse Gas Inventory.

3) Assignments

Participants will be provided with guided assignments in order to make them exercise on some issues that they need to do some individual search for data or information, e.g. statistics on the city he/she selected as case study.

4) Others

At the end of the training, participants will be asked to conduct a cultural performance characteristic of their country or city for cultural exchange among participants.

Course Outline

- Module 1: Opening and introduction
- Module 2: Concept of Low Carbon City and Introduction of methodologies for municipalities to go towards low carbon city development”
- Module 3: GHG Emission Inventory for Energy Related Sectors
- Module 4: GHG Emission Inventory for Non-Energy Related Sectors
- Module 5: Identification of Stakeholders and Target Year
- Module 6: GHG Emission Projection for BAU and Counter-Measured (CM) Cases
- Module 7: Technical Visit 1 – Visit of Thailand’s GHG Management Office
- Module 8: Counter-Measures (CM) Prioritization and GHG Emission Reduction Target Settings
- Module 9: Technical Visit 2 – Visit of local Municipality
- Module 10: Technical visit 3 – Visit of Khon Kaen Municipality
- Module 11: City-Country paper presentation and review and discussion
- Module 12: Wrap-up and closing

Participant Criteria

Applicants to this course should

- have at least a bachelor degree in Science or Engineering in relation to energy, environment, economics, architecture, or related fields, and good English proficiency.
- have at least 1 year working experience.
- currently work closely in the areas of urban development and planning.
- have an understanding of an involvement in environmental technology and management, or environmental management.
- be strongly motivated to improve the city development and planning; and/or apply “Low Carbon City Development and Implementation” approach to his/her city to mitigate global warming and climate change.

Application

- Candidates must be nominated/ endorsed by their respective governments of the eligible countries/territories by the closing date for application.
- Complete nomination documents must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/Royal Thai Consulate-General accredited to eligible countries/ territories.

(See “List of Eligible Countries” for more information)

Selection and Confirmation

- Particular attention shall be paid to the candidates’ background, their current position, and practical use they expect to make of the knowledge and experience gained from training on the return to their positions.
- Selection of participants is also based on geographical distribution and gender balance.
- Successful applicants will be informed approximately 4 weeks before the beginning of training course.
- Successful applicants must return duly completed and signed acceptance form by the deadline to confirm their participation in the programme.

Number of Participants

20 persons

Terms of Awards

AITC Training Fellowship* include training fee, return economy-class, airfare, accommodation, allowance, insurance, airport transfer and social programme.

* Subject to rates and conditions established by TICA

Training Institution and Venue

The Joint Graduate School of Energy and Environment, King Mongkut’s University of Technology Thonburi

Contact

Bureau of International Cooperation on Human Resource Development

Thailand International Cooperation Agency (TICA)

Government Complex, Building B, 8th Floor, Chaengwattana Rd. Laksi District, Bangkok 10210 THAILAND.

Website: www.tica.thaigov.net

Email: aitc@mfa.go.th

For more information on qualifications, application forms, and application procedures, please visit our website at <http://www.tica.thaigov.net/main/en/information/73803-Annual-International-Training-Course.html>

Follow us on



<http://www.tica.thaigov.net>



Facebook ID : TICA Fellowship and Alumni

<https://www.facebook.com/TICAalumni>
