



**Best Available Technique (BAT) and Best Environmental Practice (BEP) under
the Context of United Nations Industrial Development Organization (UNIDO)**

24 October – 14 November 2019

Closing date for application : 27 July 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).**

**National Institute of
Development Administration (NIDA)**

The National Institute of Development Administration (NIDA) was established in 1966, following His Majesty the late King Bhumibol Adulyadej's vision of advancing Thailand's development through the establishment of an advanced educational institution to prepare people to become agents of change for national development. Today, NIDA is Thailand's leading educational institution concentrating exclusively on graduate studies in fields related to national development. The institute comprised of 12 schools and 10 centers. This training course is to be organized in cooperation by Siripattana Training Center and Center for Research & Development of Disaster Prevention & Management

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

This training course aims at raising awareness of clean technology and low industrial waste to promote eco-industry. At the end of this course, participants are expected to;

- Understand clean technology with the benefits of releasing low industrial waste under the context of Eco-industry.
- Understand process of recycling industrial waste.
- Understand significance of BAT/BEP concept under the context of UNIDO and be able to apply this knowledge to industrial sector of his/her own country.
- Gain awareness on the toxicity of dioxins and polycyclic aromatic hydrocarbons
- Be able to interpret toxic chemicals released from each type of fuels including their heat efficiencies.
- Be able to provide the knowledge of specialty associated with industrial boilers coupled with its heat efficiencies.
- Understand the public participation as one of the social tools to raise public awareness between industrial sector and local community.

Assignment and Evaluation

- In-class participation.
- Advance assignment - Submission and presentation of “Country Report” which include relevant BAT and BEP information in the context of participant’s respective country.
- Reading Assignment – reading materials will be given.
- Attendance - Participants are required to attend all activities organized during the course. TICA reserves the rights to revoke its fellowship offered or take appropriate action in case a participant is in attendance of less than 90 percent of the training hours.

Course Outline

This training course focuses on Best Available Techniques (BAT) and Best Environmental Practices (BEP) for industrial boilers.

Topics of the training are such as;

- Introduction to boiler technology.
- Fuels for boiler.
- Combustion analysis in boiler.
- Environmental impacts of boiler technology.
- Best Available Techniques (BAT) and Best Environmental Practices (BEP) for boilers.
- Green boiler design, operation and maintenance
- Dioxin analysis.
- Dioxin sampling.
- Community partnership.

Course Methodology

Training methodologies to be used during this training course include;

- Lecture
- Group Discussion
- Seminar
- Workshop
- Study visit

Participant Criteria

Candidates must possess qualifications as specified in “Guideline for Thailand’s Annual International Training Course Programme” No. 2 “Qualifications” as well as following qualifications;-

- Currently working with experience in environmental control and management. Candidates from government/private sector are preferable.
- Graduate with university degree in science or engineering.

Application

- Candidates must be nominated/ endorsed by their respective governments of the eligible countries/territories as well as Andorra, Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Holy See, Hungary, Iceland, Ireland, Israel, Italy, Japan, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, San Marino, Slovakia, Slovenia, Spain, Sweden, Switzerland, The Republic of Korea, The former Yugoslav Republic of Macedonia, United Kingdom and United States.
- 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)

Number of Participants

20 persons

Training Institution and Venue

Siripattana Training Centre
National Institute of Development
Administration (NIDA)
Bangkapi, Bangkok

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.

Terms of Awards

For AITC Eligible Countries - 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

Contact

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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>

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