



# ***CTCN Technical Assistance Projects in Thailand***

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# Outline

- Technology Needs Assessments (TNA)
- CTCN Technology Assistance
  - ❑ Receiving Technology Assistance through CTCN
  - ❑ Delivering Technology Assistance to Bhutan (South-South Collaboration)
- Achievements and Challenges

# Thailand TNA



# Technical Assistance Requests

Date of submission	Title	Org.	Objective/ Sector	Stage
22 Aug 2015	Technology development for climate resilience and efficient use of resources in the agricultural sector in Thailand	National Science and Technology Development Agency (NSTDA)	Adaptation, Mitigation/ Agriculture and forestry	Implementation (AIT)
23 Oct 2015	High resolution regional climate model projections for Thailand	Chiang Mai University (CMU)	Adaptation, Mitigation/ Early warning and Environmental assessment	Design (TERI, ICRAF)
23 Oct 2015	Strengthening Bangkok's Early Warning System to respond to climate induced flooding	Bangkok Metropolitan Administration (BMA)	Adaptation/ Early Warning and Environmental Assessment	Implementation (DHI)

Requests submitted to CTCN on 30 Nov 2015




# Technical Assistance Requests

Date of submission	Title	Org.	Objective/ Sector	Stage
9 Oct 2015	Fostering Green Building in Thailand for a Low Carbon Society	King Mongkut's University of Technology Thonburi (KMUTT)	Adaptation, Mitigation/ Infrastructure, Transport and Urban design	Design (NREL, GIZ)
15 Oct 2015	Benchmarking Energy & GHG Intensity in Thailand's Metal Industry	Iron and Steel Institute of Thailand (ISIT)	Adaptation, Mitigation/ Energy use	Design (TERI)
22 Oct 2015	Assessment of energy efficient street lighting technologies and financing models for Thai municipalities	Provincial Electricity Authority of Thailand (PEA)	Mitigation/ Energy use	Design (TERI)



# Reducing GHG Emissions from Transport by Improving Public Transport Systems through Capacity Building and Use of Technology: Capacity Building in Thailand

## (Activity 1 - Training and Field Visits)

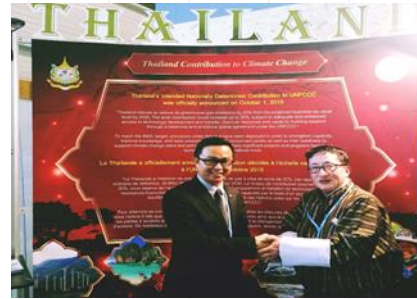
 28,500 USD

15 – 19 February 2016, Bangkok and Chiang Mai, Thailand

- ❑ The 1<sup>st</sup> south-south collaboration between NDEs supported by CTCN
- ❑ To provide the Bhutan's participants with an overview of the Thai experiences on intelligent transport systems (ITS) and public transport systems by Thai experts

*Note: Activity 2 – NAMA training and proposal development*

*Activity 3 – Capacity building at Thimphu*



# Achievements

- ❑ Embedded the Requests in National Plans
  - National Science Technology and Innovation Policy and Plan
  - Climate Change Master Plan
  - NC
  - NAMA
  - INDC
  
- ❑ Coordinated with the NDA (Min. of Natural Resources and Environment)
- ❑ Coordinated with other NDEs (Developed and Developing Countries)
- ❑ Communicated with other mechanisms/Program/Project (i.e. Pilot Asia-Pacific Climate Technology Network and Finance Centre: CTNFC)

# Challenges

- Respond to other Requests
- Collaborate with the NDA
- Seek for other Investment Opportunities (Development Banks/Ministry of Finance etc.)
- Coordinate with Domestic Activities (in particular Private Sector)
- Collaborate with Academic Sector to Enhance Absorptive Capacity







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