



UNFCCC Technology Mechanism assistance to Thailand

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Thematic dialogue on enabling environments, challenges, and opportunities to incentivize the private and public sectors in the development and transfer of technologies in conjunction with 24th meeting of the UNFCCC Technology Executive Committee

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Thailand Technology Needs Assessment (TNA)



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ADAPTATION

No	Title	Project Proponents	Sectors	Request Expert Team (RET)	Implementation Phase
1	Capacity Building on Technology Development for Efficient Use of Resources in Agriculture Sector	National Science and Technology Development Agency (NSTDA)	Agriculture	AIT	Completed TA Implementer: AIT
2	High resolution regional climate model projections for Thailand	Faculty of Social Sciences, Chiang Mai University	Early warning and Env. assessment	TERI and ICRAF (Redesigned by DTU)	-
3	Strengthening Bangkok's Early Warning System to respond to climate induced flooding	Bangkok Metropolitan Administration (BMA)	Early warning	UNEP-DHI	Completed TA Implementer: UNEP-DHI

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1	Fostering Green Buildings in Thailand Towards Low Carbon Society	King Mongkut's University of Technology Thonburi (KMUTT)	Building, Energy efficiency	NREL and GIZ	Completed TA Implementer: TERI
2	Benchmarking Energy & GHGs Intensity in Metal Industry of Thailand	Iron and Steel Institute of Thailand (ISIT)	Industry	TERI	Completed TA Implementer: NEDO (Pro Bono)
3	Assessment of energy efficient street lighting technologies and financing models for Thai municipalities	Provincial Electricity Authority of Thailand (PEA)	Energy use	TERI	Completed TA Implementer: TERI

GCF Readiness Program

(based on CTCN Technology assistance project)

Status: completed



Enabling Readiness for Up Scaling Investments in Building Energy Efficiency for Achieving NDC Goals in Thailand

Developed by: International Institute for Energy Conservation (IIEC)



Challenges to incentivize the development and transfer of technologies under Technology Mechanism of UNFCCC

- ❑ Embedding mechanisms/projects under Technology Mechanism in national strategies/plans ex. Carbon neutrality ,Net zero carbon, NDC
- ❑ Systematic collaboration between Technology Mechanism and Financial Mechanism / NDE and NDA
- ❑ PPP (in particular private sector)
- ❑ Scale up and investment
- ❑ Incubators and accelerators

Thank you very much



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