



National Training and Certification Programme on Solar Rooftop PV in Thailand

2021-2022

RATIONALE

The new version of the Thailand's Power Development Plan (PDP2018) calls for an increased participation of the private sector into power generation in Thailand.

The PDP2018 targets the installation of 100 MW/year of solar power generation from the private sector to be sold to the grid over 10 years.

However, the country is lacking certified technicians to install rooftop solar PV.

OBJECTIVES

- Strengthen Thailand's National Energy Efficiency Plan and Alternative Energy Development Plan
- Support the capacity building of designers and installers of solar rooftop PV
- Support the development of a National Certification Programme on solar PV



PROJECT DESCRIPTION

The project is led by Thailand's Department of Alternative Energy Development and Efficiency (DEDE), Ministry of Energy, in cooperation with the International Copper Association and CORE.

- Develop a Training Curriculum on solar PV installations for rooftops in Thai Language
- Engage and build capacity of training institutions (training of trainers)
- Assist with the development of a National Training and Certification Programme on solar rooftop PV



2021	Training Curriculum	<ul style="list-style-type: none"> Review and feedback on training materials Translation of the training curriculum in Thai language Stakeholders consultation/public hearing Production of training curriculum and materials
	Training of Trainers	<ul style="list-style-type: none"> Mapping of training institutions Implementation plan with institutes / stakeholders Training of trainers
2022	National Programme	<ul style="list-style-type: none"> Development of the strategy paper Mobilisation of strategic stakeholders Development of a national certification scheme Policy recommendation for the implementation of the national certification programme
	National Support	<ul style="list-style-type: none"> Support training institutions to roll out the training programme

EXPECTED RESULTS BY 2022

Training Curriculum	Training of Trainers	National Programme
<ul style="list-style-type: none"> Training curriculum in national language (Thai) 	<ul style="list-style-type: none"> 6 trained organisations by end 2021 6 trainers per organisation by end 2021 1,200 designers, operators and technicians trained by trainers by end 2022 	<ul style="list-style-type: none"> Development of the strategy paper Development of a national certification scheme Policy recommendation for a national certification programme