



Provincial Government Training on Rooftop Solar PV in the Philippines

2022

RATIONALE

The Philippine Department of Energy (DOE) together with the Global Environment Facility and the United Nations Development Programme through the DREAMS¹ project is in the final stage of completing the Iloilo Provincial Renewable Energy Plan (I-PREP).

I-PREP is geared towards the localisation of renewable energy policies and programmes as outlined and defined in the upcoming National Renewable Energy Plan 2020-2040.

The **I-PREP also aims to strengthen the capacity of local government units in Iloilo** in contributing to the achievement of national renewable energy targets and their own local development agenda. I-PREP is a long-term plan that serves as a tool in fulfilling this role. Thus, integrated in the I-PREP is the Capacity Building Plan that seeks to address gaps in the capacity of the Iloilo Provincial Government (IPG) and Iloilo local government units (LGUs) in renewable energy policy, planning, regulation (permitting), investment generation, and project development.

In this regard, the capacity building plan recommends short-term and long-term training programmes based on a Training Needs Assessment that was conducted as part of the I-PREP. One of the short-term trainings identified during the consultations with the LGUs and the three Electric Cooperatives in Iloilo is a “Training on Net Metering and Electrical Safety Inspection of Rooftop Solar PV Systems.”



The search for and selection of women participants is part of the core design of this initiative

OBJECTIVES

Increase the knowledge and capacity of technical staff of Iloilo Province LGUs (Engineering Office, Office of Building Official, and General Services Department) on the:

- Regulatory requirements of net metering and installing rooftop solar PV systems, and electrical safety inspection based on the requirements of the Philippine Electrical Code, National Building Code, and Philippine Green Building Code
- Basics of rooftop solar PV design and installation and in-depth knowledge and skills in rooftop solar PV project planning, operation, and maintenance in view of ongoing and planned rooftop solar PV projects that will be owned and operated by the IPG and LGUs
- Preparation of budget proposals for solar PV applications that will be incorporated in the LGU development plans and annual investment plans

¹ Development for Renewable Energy Applications Mainstreaming and Market Sustainability (DREAMS) Project



EXPECTED OUTPUTS & OUTCOMES

- Training curriculum which could be replicated in other provinces
- At least 80 LGU technical staff from the municipalities in the Province of Iloilo trained in rooftop solar PV planning, design, installation, operation and maintenance, testing and commissioning, and electrical safety inspection
- A technical manual developed as a tool of the LGU technical staff for fulfilling their functions
- Increased local appreciation of renewable energy technologies
- Increased women participation in local renewable energy development

PROJECT DESCRIPTION

This local training is led by the Philippine DOE through the Renewable Energy Management Bureau and the Iloilo Provincial Government with support from International Copper Association and CORE.

This project will:

1. Select participants from 42 municipalities and one component city of the province
2. Design an appropriate training programme considering the educational and professional background and functions of the participants
3. Conduct training for at least 80 participants from the Iloilo Province local government units

