

# PHILIPPINES



Image credits: Southeast Asia Energy Transition Partnership

## COUNTRY CONTEXT



- ▶ The Philippines is committed towards a clean energy future and is pursuing opportunities that facilitate sustainable energy investments such as the full foreign ownership of renewable energy projects, attracting significant investments
- ▶ Furthermore, the government has set clean energy targets that align with national development goals and support the country's Nationally Determined Contributions (NDC) commitment
- ▶ While barriers persist, active steps have been taken toward aligning processes to achieve the country's clean energy goals

## OUR CONTRIBUTION

ETP has expanded its footprint in the Philippines during the past two years. In addition to its previous work on grid modernization, marine and offshore wind, and demand-side management, ETP is now focusing on longer-term interventions that will result in renewable energy investments and grid planning. This will help reduce investment risks and integrate smart technologies to create a more reliable and sustainable energy system. Ultimately, these efforts will increase the use of renewable energy and improve the efficiency of the energy grid.

### Anticipated Outcomes

- Increase in renewable energy generation and investments
- Increased adoption of demand side management programs
- Increase investor confidence in the offshore wind energy sector
- Establish a regulatory framework to enhance variable renewable energy integration
- Increase in offshore wind project development
- Enhance competition in the energy generation sector
- Improve grid efficiency



### Long-term Impact



- Increased share of renewables in the power generation mix, contributing to the targets: 35% by 2030, 50% by 2040, and > 50% by 2050
- Reduced GHG emissions from the energy sector, resulting in the avoidance of 70.5 million tons of CO2 equivalent in 2050 (relative to reference scenario)
- Reduced energy intensity, contributing to 10% reduction in consumption
- Increased investments in clean and sustainable energy systems, totaling to USD 36.5 million for energy sector NDC policies and measures



## ETP FUNDERS

### Government:

- Australia Department of Climate Change, Energy, the Environment and Water Development Agency
- Environment and Climate Change Canada
- French Development Agency
- German Federal Ministry for Economic Affairs and Climate Action
- UK Department for Energy Security and Net Zero

### Philanthropies:

- Children's Investment Fund Foundation (UK)
- Sequoia Climate Foundation

## CONTACT DETAILS


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## PROJECTS



### STRATEGIC OUTCOME 1

#### Policy Alignment with Climate Commitments

- Upgrading Design and Implementation of Battery Energy Storage Market Mechanism of the Philippines Electricity Market Mechanism
- Power Development Roadmap for the Bangsamoro Autonomous Region for Muslim Mindanao
- Support to Renewable Energy Procurement Mechanisms (including the Green Energy Auction Program)
- Permitting and Consenting to Offshore Wind Energy
- Demand Side Management Policy
- Energy Regulation Development for Renewable Energy Integration
- Accelerating the Clean Energy Scenario
- Legal Assessment for Preparing the Carbon Pricing Instrument for the Philippines
- Formulation of the Bangsamoro Sustainable Energy Master Plan
- NREP Update
- Voluntary Renewable Energy Market



### STRATEGIC OUTCOME 2

#### De-risking Energy Efficiency and Renewable Energy Investments

- ESCO\*-in-a-box for Southeast Asia (\*Energy Service Company)
- Investment-grade Audit (IGA) Financing Program
- Marine Spatial Planning
- Enhancing the Spot Market to Attract Investments to Renewables
- Enhancing Hydro Energy Storage Viability - De-risking Pump Storage Hydro Project Development



### STRATEGIC OUTCOME 3

#### Extending Smart Grids

- Upgrading Energy Regulations for the Energy Regulatory Commission of the Philippines (ERC) and Design
- Philippines Grid Diagnostic and Roadmap for Smart Grid Development