STRATEGIC OUTCOME 2:
De-risking investments on renewable enery, energy efficiency and fossil fuel phasedown

Wind Energy Development in Indonesia: Investment Plan

PROJECT SNAPSHOT

Country: Indonesia

ETP provides assistance to identify and mitigate risks in wind energy projects in Indonesia. This includes collecting and analyzing site-specific data on wind speed, land access, road infrastructure, grid connectivity, and permitting processes.

To assess project viability and development maturity, ETP conducted pre-feasibility studies for promising locations. The final report will evaluate the feasibility of wind sites, identify potential funding sources, and recommend suitable financing mechanisms.

The project has identified a potential of 1.4 GW wind power in the Java and Sumatera to supply cleaner electricity across Indonesia.

ETP'S CONTRIBUTION

The outcomes of the project will support Government agencies and the State Electricity Company (PLN) to agree on de-risking measures for specific wind locations, which will lead to improvements in bid conditions for harnessing additional wind power development through the preparation of pre-feasibility documentation.

IMPACT → Increase the total wind power development will capacity of renewable energy in Indonesia

OUTCOME → Increase the flow of investments to renewable energy projects & accelerate the development and accessibility of renewable energy knowledge

OUTPUT → A set of technical assessment and regulatory recommendations

Pre-feasibility study to de-risk investment for wind power plant development

CONNECT

STRATEGIC OUTCOME 2:
De-risking investments on renewable enery, energy efficiency and fossil fuel phasedown

IMPLEMENTATION PARTNER

Pondera Consult

STAKEHOLDER

Ministry of Energy and Mineral Resources

PROJECT DURATION

May 2023 - July 2024

KEY OUTPUTS

- Development and delivery of a *Wind Energy Sector Development Roadmap* for Indonesia to guide successful wind energy deployment
- Permitting assessment and regulation development support to propose recommendations for current policies and regulation
- Establish a Technical Working Group (TWG) for relevant stakeholders to coordinate, reinforce issues resolution, and provide inputs on wind sector development
- Conduct a wind energy potential mapping, gap analysis and site selection to determine suitable sites that would lead to feasible wind projects
- Develop an investment opportunities guide to attract investors and mitigate risks associated with Indonesian wind energy projects

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