



Project Example in Indonesia

Project Summary:

Purpose: To increase power generation from renewable geothermal resources.

Timeframe: 2011 - 2016

IBRD Financing: US\$150 million

Project ID: P113078

Mitigation: Renewable energy

Geothermal Energy

The project helps Indonesia increase power generation from renewable geothermal resources and reduce emissions of carbon dioxide that would otherwise be generated from its primarily fossil fuels-based power generation system. The project finances the confirmation of the geothermal resources and construction of a steam field system and 2 power plants with a total capacity of 150 MW. The project is co-financed by the Clean Technology Fund and is expected to have transformational impact by reviving the development of geothermal energy, demonstrate an immediate potential for scale-up in geothermal projects, and help increase the confidence of other potential developers in the sector. In addition, the proposed fields are located on islands where there are currently considerable power supply shortages

The project avoids the expansion of coal-fired power which is the predominant source of energy in Indonesia. The 150MW plant is estimated to avoid 1.1 million tons of CO₂ per year or a lifetime emissions of 33 million tons of CO₂ over 30 years.



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For more Information:

<http://www.worldbank.org/projects/P113078/geothermal-clean-energy-investment-project?lang=en>