

# Indonesia Geothermal Clean Energy Investment

## Green Bond Criteria: Mitigation

To demonstrate the potential of power generation from renewable geothermal resources.

## Expected Results include:

- 150 MW new renewable capacity constructed
- 1.1 million tons of CO<sub>2</sub> avoided per year

## IBRD Loan Amount:

US\$175 million



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## Country Challenge

Indonesia (population 250 million) has struggled to keep up with electricity demand and has underutilized its geothermal energy potential. Geothermal resources are ideally located on islands with major population centers with power supply shortages; however, the country lacks experience in developing these resources.

## Project Goals

The project helps finance the confirmation of geothermal resources and construction of a steam field system and 2 power plants with a total capacity of 150 MW. This capacity would have been developed with domestically abundant coal; thus, the projects reduces emissions and helps demonstrate the potential for scale-up in geothermal projects.

## For more information:

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