Early Warning System

WB-P166071

Indonesia Geothermal Resource Risk Mitigation Project (GREM)

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Quick Facts

Countries	Indonesia
Financial Institutions	World Bank (WB)
Status	Proposed
Bank Risk Rating	U
Sectors	Climate and Environment
Investment Type(s)	Loan
Investment Amount (USD)	$ 225.00 million
Project Cost (USD)	$ 485.00 million

Project Description

According to the bank document, the Geothermal Resource Risk Mitigation Project for Indonesia is to scale up investment in geothermal energy development and reduce greenhouse gas emissions in Indonesia. Some of the negative impacts include:

(i) land clearance for good pads, roads, pipelines and supporting infrastructure will cause direct damage or destruction to natural habitats;

(ii) water abstractions and discharges to water of treated wastewater or drilling fluids and other wastes cause direct or indirect impacts on habitats and species;

(iii)indiscriminate dumping of hazardous and solid waste to riparian zones and waterways;

(iv) discharge of contaminated muds and fluids to the ground;

(v) loss of topsoil, landslides and other severe erosion from road construction, pipelines, pad construction, borrow pits, quarries, fill sites;

(vi) interference from pumping or reinjection of geothermal water, or from the abstraction of freshwater;

(vii) contamination of groundwater from interference with geothermal water from abstraction wells or reinjection wells;

(viii) drilling rig operations, increased traffic, well discharge testing, heavy machinery, and blasting for roads or quarrying – all emit noise not otherwise experienced in the project area;

(ix) dust emissions from road construction, land clearance, site activities;

(x) some risks relating to working with machinery, traffic accidents, falling into ponds, scalding from hot fluids and steam, toxic gas emissions;

Early Warning System Project Analysis

"The sub-projects will fall into either Category B or Category A Classification". Even though the Draft EIA report has been published since May 2018, the project will likely trigger all the Safeguard policies, excepting Pest Management OP 4.09, Projects on International Waterways OP/BP 7.50, and Projects in Disputed Areas OP/BP 7.60.

Investment Description

- World Bank (WB)

Contact Information

There is no further project information is being disclosed at this stage of the project

FOR MORE INFORMATION CONTACT

The World Bank

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ACCOUNTABILITY MECHANISM OF WORLD BANK

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Bank Documents

- SFG4077-Revised Environmental Assessment May2018 [Original Source]

Other Related Projects

- GCF-FP083 Indonesia Geothermal Resource Risk Mitigation Project