



PROJECT:

Geothermal Development Facility Latin America Program

COUNTRIES:

Bolivia, Chile, Colombia,
Costa Rica, Ecuador,
Guatemala, Honduras,
Nicaragua, Peru

LEAD INSTITUTION:

KfW

PARTNERS:

AFD

BCIE

CAF

EIB

EU-LAIF

IDB

JICA

WBG

TOTAL COST:

€ 1 094 000 000

LAIF CONTRIBUTION:

€ 20 500 000

TYPES OF SUPPORT:

Investment grants
Technical assistance

DURATION PERIOD:

Dec 2014 – Dec 2026

DESCRIPTION OF THE MULTICOUNTRY PROJECT:

The Geothermal Development Facility for Latin America aims at overcoming existing barriers to the development of geothermal energy by providing:

1. Tailored Geothermal Risk Mitigation Fund in order to diminish geothermal resource risk during the exploratory drilling stage of the project.
2. Geothermal investment financing windows to deliver anchor financing for subsequent investments during the production drilling and construction stages; and
3. Technical Assistance Forum to offer a suitable venue for policy dialogue between donors and partner governments.

SPECIFIC ACTIVITIES IN THE BOLIVIA:

- Grant for surface studies: Geothermic project Empexa.

SPECIFIC ACTIVITIES IN CHILE:

- Surface studies: Irruputuncu project- Mine company "Doña Inés de Collahuasi SCM".
- Contingency drilling grants: Tolhuaca Project (60MW) - Transmark Chile SPA.
- Surface studies: Mariposa Project (100MW) - Compañía de Energía SPA.
- Surface studies: Buena Vista project (50MW) Transmark Chile SPA.

SPECIFIC ACTIVITIES IN COLOMBIA:

- Contingency drilling grants: Macizo Volcánico del Ruíz Geothermic Project(65MW) EPM / Central Hidroeléctrica De Caldas SA ESP.
- Contingency drilling grants: MVR Geo-thermal Project (50MW) - ISAGEN S.A. E.S.P.

SPECIFIC ACTIVITIES IN COSTA RICA:

- 5 potential projects identified, but none selected yet.

SPECIFIC ACTIVITIES IN ECUADOR:

- Surface studies: Jamanco-Chacana Project (20MW) - Ecuadorian Electric Corporation (CELEC).



SPECIFIC ACTIVITIES IN THE GUATEMALA:

- Contingency drilling grants: El Cebillo project - US Geothermal / Ormat.
- Surface studies: Joaquina project - Adage Geothermal Inc.
- Contingency drilling grants: Mita Geothermal Project Bluestone Resources Inc.
- Surface studies: Geotérmica El Porvenir project - Geotermia Centroamericana, Sociedad Anónima.

SPECIFIC ACTIVITIES IN HONDURAS:

- GDF- Risk Mitigation Fund> Contingency drilling grants: San Ignacio project (20MW) - Ormat.

SPECIFIC ACTIVITIES IN NICARAGUA:

- Surface studies: San Jacinto-Tizate project (50MW) - Polaris Energy Nicaragua, S.A. (PENSA).

SPECIFIC ACTIVITIES IN PERU:

- Surface studies: Achumani (100MW) EDC Energía Verde Peru.

EXPECTED RESULTS OF THE MULTICOUNTRY PROJECT:

- 350 MW additional capacity from geothermal energy by 2024.
 - 1.88 Million tCO₂ e/yr fewer relative (net) greenhouse gas emissions.
 - 2.25M beneficiaries.
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