

● LIST OF BILATERAL PROJECTS

#	Project title	Sector	Total €	LAIF €
1	LAIF: Chilean Solar Energy Program	Sustainable energy	1,558,409,091	15,300,000
Total			1,558,409,091	15,300,000

● LIST OF LAIF MULTI-COUNTRY PROJECTS

#	Project title	Specific activities	Sector	Total €	LAIF €
1	Climate Change Programme in Latin America	Transmission study and regional electrical integration Study of Economic Benefits, Regulatory Analysis and Interconnection Alternatives Chile-Argentina Bolivia Electrical International Interconnection with Neighboring Countries Study Geothermal Risk Mitigation Facility Study	General Environment Protection	303,000,000	3,000,000
2	Geothermal Development Facility Latin America Program	Surface studies: Irruputuncu project- Mine company "Dona Ines de Collahuasi SCM" Contingency drilling grants: Tolhuaca Project (60MW) - Transmark Chile SPA Surface studies: Mariposa Project (100MW) – Compañía de Energía SPA	Sustainable energy	1,094,000,000	20,500,000
Total				1,397,000,000	23,500,000

This country fiche was prepared with the most recent information and data available from the banks under contractual responsibility to fully inform LAIF in a timely manner about the development of the projects. Additional information is supplied by the DUE's.

PROJECT: **Chilean Solar Energy Program**



LEAD INSTITUTION:

KfW

PARTNERS:

EU-LAIF

TOTAL COST:

€ 1 558 409 091

LAIF CONTRIBUTION:

€ 15 300 000

TYPES OF SUPPORT:

Investment Grants

DURATION PERIOD:

Dec 2013 – Dec 2019

CURRENT STATUS:

Ongoing

DESCRIPTION:

This project provides support to the Government of Chile in its transformation efforts towards a low carbon energy sector, which involves decoupling economic growth from Green House Gas emissions. The Program's activities comprise the financing and complementary technical assistance of concentrated solar power (CSP) plants as well as large-scale photovoltaic projects in Chile.

Large-scale solar projects such as CSP projects with thermal energy storage have, in comparison to other renewable energy sources, the advantage that – if sufficient storage capacity is installed – it becomes dispatchable and therefore capable of supplying base load energy. Wind and photovoltaic plants don't have the capacity to supply dispatchable energy, which is however a crucial element of the overall net stability.

EXPECTED RESULTS:

- The successful construction, implementation and operation of a reliable CSP power plant in Chile.
- Increased local supply of CSP plants (70% in 2030).
- Increased development of CSP plants (150 MW in 2019).
- Direct GHG emissions avoided (129 300 t CO₂ eq/a).
- Increased energy generation and capacity from CSP (110 MW capacity and 175 200 MWh/a generated).



PROJECT:

Climate Change Programme in Latin America

COUNTRIES:

Argentina, Bolivia, Brazil,
Chile, Colombia, Ecuador,
Mexico, Paraguay, Peru

LEAD INSTITUTION:

KfW

PARTNERS:

CAF

EU-LAIF

TOTAL COST:

€ 303 000 000

LAIF CONTRIBUTION:

€ 3 000 000

TYPES OF SUPPORT:

Technical Assistance

DURATION PERIOD:

Mar 2011 – Mar 2020

CURRENT STATUS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Regional integration of electricity markets of Chile, Argentina and Brazil.
- Transmission study and regional electrical integration.
- Study of Economic Benefits, Regulatory Analysis and Interconnection Alternatives Chile-Argentina.
- Bolivia Electrical International Interconnection with Neighbouring Countries Study.
- Geothermal Risk Mitigation Facility Study.

DESCRIPTION OF THE MULTICOUNTRY PROJECT:

This program is aimed at financing investments in renewable energy and environmental protection projects in Latin America. To complement the investment funding, the EU granted technical assistance funds through LAIF to carry out studies that foster innovative technologies and projects in the sector with the aim of converting them into potential investment projects for CAF. They included feasibility studies and renewable energy potential assessments for Latin American countries, among other climate change projects and initiatives.

EXPECTED RESULTS OF THE MULTICOUNTRY PROJECT:

- The program contributes to mitigation and adaptation to climate change as well as protection of the environment in Latin America through 10 studies in the fields of electrical integration, “green” energies and climate-related issues, promoting environmentally focused infrastructure investments.



PROJECT:

Geothermal Development Facility Latin America Program

COUNTRIES:

Bolivia, Chile, Colombia,
Costa Rica, Ecuador,
El Salvador, 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

CURRENT STATUS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Surface studies: Irruputuncu project - Mine company "Dona Ines 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.

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. a 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.
3. a Technical Assistance Forum to offer a suitable venue for policy dialogue between donors and partner governments.

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.