

● LIST OF BILATERAL PROJECTS

#	Project title	Sector	Total €	LAIF €
1	Prosaneamiento - Project with Banco del Estado to improve water access and sanitation in 19 municipalities	Water supply & sanitation	123,140,000	10,300,000
2	Modernized Irrigation Project for Small and Medium Farmers (Proyecto de irrigación tecnificada para pequeños y medianos productores y productoras)	Sustainable agriculture	126,938,773	8,408,773
3	Post-Earthquake Reconstruction Framework Loan	Reconstruction relief & rehabilitation	163,280,000	7,280,000
4	Technical and Technological Institutes Education	Education	191,627,000	11,577,000
5	Sustainable WASH for the rural population of the Portoviejo Canton in Ecuador	Water supply & sanitation	109,211,053	10,400,000
Total			714,196,826	47,965,773

● LIST OF MULTI-LATERAL PROJECTS

#	Project title	Specific activities	Sector	Total €	LAIF €
1	Climate Change Programme in Latin America	Energy Efficiency in the Cement Industry	General environmental protection	303,000,000	3,000,000
2	Geothermal Development Facility Latin America Program	Surface studies: Jamanco-Chacana Project (20MW) - Corporación Eléctrica del Ecuador (CELEC)	Sustainable energy	1,094,000,000	20,500,000
3	Promoting climate change adaptation and integrated water resources management investment in the water sector in LA in the framework of the Spanish cooperation fund for water and sanitation (FCAS)	Support for the development of strategies to encourage optimal treatment of wastewater	Water supply & sanitation	615,300,000	15,300,000

#	Project title	Specific activities	Sector	Total €	LAIF €
4	Facility for Performance Based Climate Finance in Latin America (PBC Facility)	Implementation concept for the waste sector of Ibarra, Otavalo, Ambato, Santo Domingo, Mundo Verde, Duran, Guayaquil, Manta and Portoviejo	General environmental protection	90,480,000	10,480,000
5	Water and Wastewater Investment Programme	Study for the water supply in selected municipalities of Cuenca (province of Azuay, Ecuador) with the local partner ETAPA	Water supply & sanitation	200,160,000	4,160,000
6	Sustainable Cities and Climate Change	Santa Cruz, Galápagos, Loja carbon footprint study	Urban development	104,868,000	4,368,000
		Guayaquil Urban Forest Management Study			
		Loja Biodigestors Study			
7	Eco Business fund for SME Development in Latin America and the Caribbean	Local financial institution beneficiary of the eco.business fund: Banco Pichincha (USD 10 M)	Support to SMEs	295,550,000	16,410,000
Total				2,703,358,000	74,218,000

PROJECT: Programme in Water, Sanitation, and Solid Waste (PROSANEAMIENTO)



LEAD INSTITUTION:

AFD

PARTNERS:

EU-LAIF

TOTAL COST:

€ 123 140 000

LAIF CONTRIBUTION:

€ 10 300 000

TYPES OF SUPPORT:

Technical Assistance

DURATION PERIOD:

Dec 2016 – Apr 2022

CURRENT STATUS:

Ongoing

DESCRIPTION:

Ecuador's PROSANEAMIENTO program aims to expand and improve access to basic water, sanitation and waste disposal services while strengthening the capacity of water and waste service providers. The LAIF contribution supports efforts to increase the sustainability of the 12 beneficiary municipalities and their public utilities, and to improve their management capacity in the preparation of pre-investment studies, implementation, monitoring and evaluation of the program.

EXPECTED RESULTS:

- Formation of a Program Management Unit and approval of the Operating Regulations that allow the correct execution of the program.
- Identification of the municipalities with greater difficulties for water access and sanitation.
- Reduction of the existing gap in water, wastewater and solid waste service coverage and therefore contribution to poverty reduction.
- 400,000 people will have access to an upgraded quality potable water service; the sanitation system of 140,000 people will have improved.

PROJECT:

Modernized Irrigation Project for Small and Medium Farmers



LEAD INSTITUTION:

AECID

PARTNERS:

The World Bank

EU-LAIF

TOTAL COST:

€ 126 938 773

LAIF CONTRIBUTION:

€ 8 408 773

TYPES OF SUPPORT:

Investment Grants
Technical Assistance

DURATION PERIOD:

Dec 2016 – Dec 2021

CURRENT STATUS:

Ongoing

DESCRIPTION:

The project will improve the income of small and medium producers through the promotion of production based on the rational and climate-smart use and management of natural resources, especially efficient irrigation. National capacities will be strengthened in the design and management of parcel irrigation systems, through the training of experts and irrigation professionals who will contribute to the improvement and modernization of agricultural production systems, the efficient management of irrigation water, improved access to markets and the resilience of the Ecuadorian farming sector to climate change.

EXPECTED RESULTS:

- Producers should improve their production in a sustainable way, compatible with the conservation of the environment and adapted to climate change.
- Producers should increase their capacity to transform and commercialize their production in a stable, fair and solidary manner, and respecting environmental variables.
- Ecuadorian public institutions linked to territorial agrarian development should see their capacities strengthened.
- Organizations and productive associations of peasants, women and young people should be empowered and strengthened for the productive development of irrigation.
- Creation and operation of a national irrigation training system.
- Improved skills in the design and sustainable management of irrigation.
- Increased opportunities for training and promotion of applied research in irrigation systems linked to the improvement of productivity, efficient management of irrigation water and resilience to climate change.

PROJECT:

Post Earthquake Reconstruction Framework Loan



LEAD INSTITUTION:

EIB

PARTNERS:

EU-LAIF

TOTAL COST:

€ 163 280 000

LAIF CONTRIBUTION:

€ 7 280 000

TYPES OF SUPPORT:

Technical Assistance

DURATION PERIOD:

Dec 2017 – Dec 2023

CURRENT STATUS:

Ongoing

DESCRIPTION:

This project consists of a multisector framework loan given by the EIB to finance reconstruction of small-scale infrastructure damaged by the earthquake of 16 April 2016 in the province of Manabí, particularly in the sub-region of Portoviejo, which was the most affected. The socioeconomic level of the province is lower than the national level. Poverty and extreme poverty are 31.3% and 6.3% of total population, respectively, compared to 25.8% and 5.7% at the national level.

The technical assistance provided by LAIF supports national and local authorities to ensure the effective and transparent execution of the project, the development and implementation of an Environmental and Social Management Plan and a Stakeholders' Engagement Plan, and the strengthening and enforcement of Ecuador's Building Code (2015).

EXPECTED RESULTS:

- The project should contribute to the wellbeing of the population affected by the earthquake of 2016 through upgraded or new urban infrastructure.
- 1 500 000 people will directly benefit from this project.

PROJECT:

Technical and Technological Institutes



LEAD INSTITUTION:

EIB

PARTNERS:

The World Bank
EU-LAIF

TOTAL COST:

€ 191 627 000

LAIF CONTRIBUTION:

€ 11 577 000

TYPES OF SUPPORT:

Investment Grants
Technical Assistance

DURATION PERIOD:

Nov 2018 – Nov 2023

CURRENT STATUS:

Ongoing

DESCRIPTION:

The project concerns the new construction, extension, rehabilitation and equipment of 21 Technical and Technological Institutes (TTIs), classified at the post-secondary level of education. It is part of a national educational reform programme aimed at introducing and enlarging the dual system of vocational, technical and professional education in Ecuador. This dual system is based on modules of formal instruction in classrooms combined with training on the job through apprenticeships with private companies.

EXPECTED RESULTS:

- The dual system will increase the labour market relevance of the technical and technological sector of higher education in Ecuador and increase its share in total enrolment as an alternative to directing more students to the public universities.

PROJECT: Sustainable WASH for the Rural Population of the Portoviejo Canton in Ecuador

LEAD INSTITUTION:

AECID

PARTNERS:

EIB

IDB

EU-LAIF

TOTAL COST:

€ 109 211 053

LAIF CONTRIBUTION:

€ 10 400 000

TYPES OF SUPPORT:

Technical Assistance

DURATION:

CURRENT STATUS:

Contracting

DESCRIPTION:

The main objectives of this project are to improve the health conditions of the rural population of the Portoviejo Canton. To reach effective satisfaction of the human rights to water and sanitation in sustainable conditions. An increased and improved access to safe drink water and sanitation facilities in sustainable conditions and to improve the operation and maintenance of the water and sanitation facilities in sustainable conditions.

EXPECTED RESULTS:

- The population of the Portoviejo's rural area, over 95% under poverty line, will have fully satisfied the human rights to water and sanitation.
- 75,000 people will have access to new or renovated drinking water connection.
- 35,500 people will have new sewage connection.
- 12,000 people will have a new or renovated bathroom.
- 4,500 people will have healthier improved houses.



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:

- The study of the cement industry in Ecuador has been completed in 2017 by the company South Pole Asset Management Ltd., contracted by CAF: It was estimated that by 2018, GHG emissions in the cement sector in Ecuador would reach 4.8 million tCO₂, almost 30% more than the 2012 level. Replacement of traditional fossil fuels with alternative fuels constitutes de GHG mitigation option.

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: Jamanco-Chacana Project - Corporación Eléctrica del Ecuador (CELEC).

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; and
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.



PROJECT: Promoting Climate Change Adaptation and Integrated Water Resources Management Investment in the water sector in LA in the framework of the Spanish Cooperation Fund for Water and Sanitation (FCAS)



COUNTRIES:

Argentina, Bolivia, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Honduras, Nicaragua, Paraguay, Peru

LEAD INSTITUTION:

AECID

PARTNERS:

IDB

EU-LAIF

TOTAL COST:

€ 615 300 000

LAIF CONTRIBUTION:

€ 15 300 000

TYPES OF SUPPORT:

Investment grants
Technical assistance

DURATION PERIOD:

Dec 2013 – Dec 2019

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Support for the development of strategies to encourage optimal wastewater treatment.
- Aquifers - Groundwater: S support the Ministry of Water and the Environment in its efforts to characterize the main aquifers of the Republic of Ecuador and to establish a use of the aquifers of the Republic of Ecuador.

DESCRIPTION OF THE MULTICOUNTRY PROJECT:

The LAIF contribution aimed to improve water and sewerage infrastructures and contribute to reduce the risks of diseases caused by water management in the Latin American region through the development of various projects.

The projects reinforced capacities associated with the programs, studies developed in the pre-investment phase to identify new investments in new actions, review of regulations and the development of methodologies, tools and manuals, which in turn will have an impact on future investments.

RESULTS OF THE MULTICOUNTRY PROJECT:

Supported the inclusion of Adaptation to Climate Change measures (especially in relation to extreme events such as droughts and floods), both in policies and investments related to the water and sanitation sector; and influenced the development of policies and investments of the sector through the promotion of solutions adapted to the needs and capacities of the population.



PROJECT: Facility for Performance Based Climate Finance in Latin America (PBC Facility)

COUNTRIES:

Colombia, Ecuador, Mexico

LEAD INSTITUTION:

KfW

PARTNERS:

CAF

EU-LAIF

TOTAL COST:

€ 90 480 000

LAIF CONTRIBUTION:

€ 10 480 000

TYPES OF SUPPORT:

Investment grants
Technical assistance

DURATION PERIOD:

Apr 2012 – May 2022

CURRENT STATUS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Implementation concept for the waste sector. During the reporting period, Ecuador intensified its efforts to deliver climate action at national level. It revised Nationally Determined Contributions (NDCs) for the timeframe of 2020 to 2025, including both mitigation and adaptation measures for energy and agriculture, forestry and other land use.
- With regard to the efforts financed out of the PBC Facility in the waste sector of Ecuador, design studies for six specific mitigation activities have been finalized: During 2017 four activities in the municipalities of Santo Domingo, Ambato, Ibarra and Otavalo were designed; and in 2018, two more projects with the municipalities of Portoviejo and Guayaquil were added, whose designs are finished.

DESCRIPTION OF THE MULTICOUNTRY PROJECT:

This has been an initiative to support sustainable and climate-friendly development and transformation of defined sectors in Latin America through the implementation of performance-based greenhouse gas mitigation activities. The PBCF Facility is aimed at implementing pilot schemes that lead to monitored and verified CO₂ equivalent emission reductions and contribute to the overall objective of limiting global warming; designing innovative incentive schemes for sector reform which are linked to achieved emission reductions; supporting development of showcases for the definition of sector/sub-sector baselines and implementation of robust monitoring, reporting and verification systems; supporting the creation of suitable institutional set-ups for the implementation of performance-based sectoral approaches and building the capacities needed within participating institutions for the implementation of mitigation activities.

EXPECTED RESULTS OF THE MULTICOUNTRY PROJECT:

- Development of two pilot schemes.
- Development of projects identified under the pilot schemes within the framework of the pilot schemes.
- Reduction of emissions levels has been confirmed after verification via the supported projects.
- A reduction of 1 000 000 CO₂ ton equivalent by 31/12/2021.

PROJECT:

Water and Wastewater Investment Program



COUNTRIES:

Brazil, Ecuador, Uruguay

LEAD INSTITUTION:

KfW

PARTNERS:

CAF

EU-LAIF

TOTAL COST:

€ 200 160 000

LAIF CONTRIBUTION:

€ 4 160 000

TYPES OF SUPPORT:

Technical assistance

DURATION PERIOD:

Dec 2014 – Sept 21

CURRENT STATUS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Study for the water supply in selected municipalities of Cuenca with the local partner ETAPA. KfW, CAF and Banco del Estado, in exchange with the local counterparts, decided to implement a project in Cuenca consisting of the preparation of the investment project up to its final design. The project identified in Cuenca is focusing on improved drinking water supply in the municipal districts of Moya, Quingeo Santa Ana, Cumbe, Tarqui and EL vall, all located in the Azuay Province. The local partner is the water utility of Ecuador "ETAPA".

DESCRIPTION OF THE MULTICOUNTRY PROJECT:

The objective of the program is to facilitate and improve public and private investments in water and sanitation infrastructure, thus contributing to a higher coverage of regional infrastructure demand through environmental and/or climate-relevant solutions. The aim is to carry out complementary studies (e.g. preparation of project profiles, knowledge management, training), support the creation of new and innovative companies and strengthen the financial sector at the service of micro, small and medium-sized enterprises.

EXPECTED RESULTS OF THE MULTICOUNTRY PROJECT:

- Enhanced living conditions of the beneficiary population and reduction of water-borne diseases and environmental damages in selected towns through 4 feasibility studies, project design and preparation of tenders for investments to improve the drinking water supply.



PROJECT:

Sustainable Cities and Climate Change

COUNTRIES:

Bolivia, Brazil, Colombia
Ecuador, Panama, Peru

LEAD INSTITUTION:

AFD

PARTNERS:

CAF

EU-LAIF

TOTAL COST:

€ 104 868 000

LAIF CONTRIBUTION:

€ 4 368 000

TYPES OF SUPPORT:

Technical assistance

DURATION PERIOD:

Dec 2015 – Dec 2021

CURRENT STATUS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Santa Cruz, Galápagos, Loja carbon footprint study.
- Guayaquil Urban Forest Management Study.
- Loja Biodigestors Study.

DESCRIPTION OF THE MULTICOUNTRY PROJECT:

LAIF's action is embedded in the "Cities with a Future" program, launched by CAF to accompany policies for sustainable urban development in Latin America and to promote an integrated, multi-sectoral approach to urban development in order to better answer the challenges faced by local governments. The Program helps structure a dialogue with the cities on four main issues: inclusive urban development, productive transformation, environmental sustainability and institutional strengthening and security. In the framework of the Program, the first step towards implementation includes technical assistance (diagnosis and priorities) financed through a grant, leading to investments as a second step. The action has two components: a credit facility and technical assistance.

EXPECTED RESULTS OF THE MULTICOUNTRY PROJECT:

- The credit facility will finance 2 to urban investment projects classified as climate related (mitigation or adaptation) in Latin America.
- The Technical Assistance Program will accompany local governments in the definition of low-carbon and climate-resilient urban strategies, to reduce their greenhouse effect gases emissions, and of tools (vulnerability diagnoses) and measures to reduce their vulnerability to the impacts of climate change.



PROJECT: Eco Business fund for SME Development in Latin America and the Caribbean



COUNTRIES:

Colombia, Costa Rica,
Ecuador, El Salvador,
Guatemala, Honduras,
Nicaragua, Panama, Peru

LEAD INSTITUTION:

KfW

PARTNERS:

EU-LAIF

TOTAL COST:

€ 295 550 000

LAIF CONTRIBUTION:

€ 16 410 000

TYPES OF SUPPORT:

Financial Instruments
Technical Assistance

DURATION PERIOD:

Dec 2016 – Dec 2020

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Local financial institution beneficiary of the eco.business fund: Through Banco Pichincha, the fund is currently supporting Aglomerados Cotopaxi, a producer of timber products operating 13,800 hectares of pine plantations in Ecuador, certified by the Forest Stewardship Council (FSC). In line with the requirements of FSC, the company is preserving nearly 4,000 hectares of High Conservation Value Areas. The area preserved includes natural forests as well as water collection points that serve more than 12,000 people. Through the support to FSC-certified forestry, the fund is providing clear incentives to produce high-quality timber while meeting social and environmental standards. This also ensures the conservation of rich ecosystems and the preservation of the rights of indigenous people living in forest areas.

DESCRIPTION OF THE MULTICOUNTRY PROJECT:

The eco.business Fund is a joint initiative of investors intent on supporting the promotion of business and consumption practices that contribute to biodiversity conservation, the sustainable use of natural resources, climate change mitigation and adaptation to its impacts. In providing financing to the fund's target group for investing in activities that conserve nature and foster biodiversity, the eco.business Fund seeks investments that yield both financial and environmental returns. The financing can be provided directly or through local financial institutions. In addition, final beneficiaries and local lending institutions can count on high impact technical assistance provided by the eco.business Development Facility.



EXPECTED RESULTS OF THE MULTICOUNTRY PROJECT:

- Protection of ecologically valuable 1.2 M hectares.
- 540 companies financed.
- 318 Million Euros disbursed.
- 2.36 Million tCO₂ e/yr relative (net) greenhouse gas emissions impact.
- Create or improve 288,000 jobs by 2019 and about 1 million by 2035, contributing to poverty reduction.