

▶ LIST OF BILATERAL PROJECTS

#	CRIS Ref	Project title	Sector	Total €	LAIF €
1	DCI-ALA/2016/380-901	Prosaneamiento - Project with Banco del Estado to improve water access and sanitation in 19 municipalities	Water supply & sanitation	123,200,000	10,300,000
2	DCI-ALA/2016/380-902	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	DCI-ALA/2014/385-150	Post-Earthquake Reconstruction Framework Loan	Reconstruction relief & rehabilitation	163,000,000	7,280,000
4		Sustainable WASH for the rural population of the Portoviejo Canton in Ecuador	Water supply & sanitation	108,811,053	10,000,000
Total				713,349,826	47,565,773

▶ LIST OF MULTI-LATERAL PROJECTS

#	CRIS Ref	Project title	Specific activities	Sector	Total €	LAIF €
1	(DCI-ALA/2011/257-756)	KfW-02- Climate Change Program. Latin America region. Technical assistance	Energy Efficiency in the Cement Industry	General environmental protection	303,000,000	3,000,000
2	DCI-ALA/2014/353-626 + DCI-ALA/2015/369-370	LAIF contribution to the "Geothermal Development Facility Latin America" programme	Surface studies: Jamanco-Chacana Project (20MW) - Corporación Eléctrica del Ecuador (CELEC)	Sustainable energy	1,094,000,000	20,500,000
3	DCI – ALA/2013/319 – 515-	LAIF contribution to the 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)	Apoyo al desarrollo de estrategias para incentivar un tratamiento óptimo de las aguas residuales	Water supply & sanitation	615,000,000	15,300,000
	(DCI-ALA/2012/308-865 + DCI-ALA/2012/308-868)	LAIF contribution to the Facility for Performance Based Climate Finance in	Implementation Concept for the Waste Sector (Ibarra, Otavalo, Ambato, Santo	General environmental protection	90,000,000	10,280,000

#	CRIS Ref	Project title	Specific activities	Sector	Total €	LAIF €
4		Latin America (PBC Facility) - Decision ENV	Domingo and Mundo Verde. Duran, Guayaquil, Manta and Portoviejo were also integrated into the list of localities for implementation)			
5	(DCI-ALA/2012/310-790)	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	196,000,000	4,160,000
6	(DCI-ALA/2015/370-292)	Sustainable Cities and Climate Change	Santa Cruz, Galápagos, Loja carbon footprint study	Urban development	104,870,000	4,368,000
			Guayaquil Urban Forest Management Study			
			Loja Biodigestors Study			
7	(DCI-ALA/2016/380-906 (TA) + LA/2017384-045)	Eco Business fund for SME Development in Latin America and the Caribbean	FI Beneficiary of the eco.business fund : Local FI: Banco Pichincha (USD 10 M)	Support to SMEs	295,550,000	16,410,000
Total					2,698,420,000	74,018,000

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



LEAD INSTITUTION:

AFD

PARTNERS:

EU-LAIF

TOTAL COST:

€ 123 200 000

LAIF CONTRIBUTION:

€ 10 300 000

TYPES OF SUPPORT:

Technical Assistance

DURATION PERIOD:

May 2017 – May 2022

CURRENT PROGRESS:

Ongoing.

OBJECTIVE:

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 PROGRESS:

Ongoing

OBJECTIVE:

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: Technical and Technological Institutes



LEAD INSTITUTION:

EIB

PARTNERS:

The World Bank

EU-LAIF

TOTAL COST:

€ 191 400 000

LAIF CONTRIBUTION:

€ 11 577 000

TYPES OF SUPPORT:

Investment Grants

Technical Assistance

DURATION PERIOD:

Nov 2018 – Nov 2023

CURRENT PROGRESS:

Ongoing

OBJECTIVE:

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: Technical and Technological Institutes



LEAD INSTITUTION:

EIB

PARTNERS:

EU-LAIF

TOTAL COST:

€ 163 000 000

LAIF CONTRIBUTION:

€ 7 280 000

TYPES OF SUPPORT:

Technical Assistance

DURATION PERIOD:

Dec 2018 – Dec 2023

CURRENT PROGRESS:

Ongoing

OBJECTIVE:

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

LEAD INSTITUTION:

AECID

PARTNERS:

EIB

IDB

EU-LAIF

TOTAL COST:

€ 108 811 053

LAIF CONTRIBUTION:

€ 10 000 000

TYPES OF SUPPORT:

Technical Assistance

DURATION PERIOD:

CURRENT PROGRESS:

Contracting

OBJECTIVE:

General Objective: Improve the health conditions of the rural population of the Portoviejo Canton.

Specific Objectives:

- Effective satisfaction of the human rights to water and sanitation in sustainable conditions.
- Increased and improved access to safe drink water and sanitation facilities in sustainable conditions.
- Improved 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 Program

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 2019

CURRENT PROGRESS:

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. A copy of these studies may be requested by DEVCO to CAF.

DESCRIPTION:

This project correlated with a credit line ("Climate Change Programme II") negotiated by KfW with CAF to finance 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:

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: 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:

€ 615 000 000

LAIF CONTRIBUTION:

€ 15 300 000

TYPES OF SUPPORT:

Investment grants
Technical assistance

DURATION PERIOD:

Dec 2013 – Dec 2019

CURRENT PROGRESS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

Support for the development of strategies to encourage optimal wastewater treatment.

DESCRIPTION:

The LAIF contribution aims 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. These are grouped into two components: Component I, projects for Adaptation to Climate Change (ACC) and Component II, projects for the Integrated Management of Water Resources (GIRH).

The projects consist of the reinforcement of 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.

EXPECTED RESULTS:

Support 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 to influence the development of policies and investments of the sector through the promotion of solutions adapted to the needs and capacities of the population.

PROJECT: Geothermal Development Facility Latin America Program

COUNTRIES:

Bolivia, Chile, Colombia,
Ecuador, El Salvador,
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 PROGRESS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Surface studies: Jamanco-Chacana Project (20MW) - Corporación Eléctrica del Ecuador (CELEC).

DESCRIPTION:

The Geothermal Development Facility for Latin America aims at overcoming existing barriers to the development of geothermal energy by providing: (i) a tailored Geothermal Risk Mitigation Fund in order to diminish geothermal resource risk during the exploratory drilling stage of the project; (ii) geothermal investment financing windows to deliver anchor financing for subsequent investments during the production drilling and construction stages; and (iii) a Technical Assistance Forum to offer a suitable venue for policy dialogue between donors and partner governments.

EXPECTED RESULTS:

- 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: Sustainable Cities and Climate change

COUNTRIES:

Brazil, Ecuador, Panama,
Peru

LEAD INSTITUTION:

AFD

PARTNERS:

CAF

EU-LAIF

TOTAL COST:

€ 104 870 000

LAIF CONTRIBUTION:

€ 4 368 000

TYPES OF SUPPORT:

Technical assistance

DURATION PERIOD:

Dec 2015 – Dec 2021

CURRENT PROGRESS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

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

DESCRIPTION:

LAIF's action is embedded in the programme "Cities with a Future" launched by CAF to accompany policies for a sustainable urban in Latin America development as well as to promote an integrated vision of urban development and a multi-sectorial approach to better answer the challenges faced by local governments. The Programme allows structuring a dialogue with the cities in four main dimensions: inclusive urban development, productive transformation, environmental sustainability and institutional strengthening and security. In the framework of the Programme, the first implementation step includes TA (diagnosis and priorities) financed with a grant, which leads to a second step of investment. The program has two components: a credit facility and technical assistance.

EXPECTED RESULTS:

- The credit facility will finance 2 to urban investment projects classified as climate (mitigation or adaptation) in Latin America.
- The TA 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, Honduras,
Nicaragua, 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

CURRENT PROGRESS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

- FI Beneficiary of the eco.business fund : Local FI: Banco Pichincha (USD 10 M).

DESCRIPTION:

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:

- Protection of ecologically valuable 1.2 M hectares.
- 540 companies financed.
- 318 Million Euro disbursed.
- 2.36 Million tCO₂ e/yr relative (net) greenhouse gas emissions impact.

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:

€ 90 000 000

LAIF CONTRIBUTION:

€ 10 280 000

TYPES OF SUPPORT:

Investment grants
Technical assistance

DURATION PERIOD:

Apr 2012 – Oct 2016

CURRENT PROGRESS:

Completed

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Implementation Concept for the Waste Sector (Ibarra, Otavalo, Ambato, Santo Domingo and Mundo Verde. Duran, Guayaquil, Manta and Portoviejo were also integrated into the list of localities for implementation).

DESCRIPTION:

This was 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 (performance-based approach); supporting development of showcases for the definition of sector/sub-sector baselines and implementation of robust MRV (monitoring/reporting/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:

- 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 programme



COUNTRIES:

Brazil, Ecuador, Uruguay

LEAD INSTITUTION:

KfW

PARTNERS:

CAF

EU-LAIF

TOTAL COST:

€ 196 000 000

LAIF CONTRIBUTION:

€ 4 160 000

TYPES OF SUPPORT:

Technical assistance

DURATION PERIOD:

Dec 2014 – Dec 2026

CURRENT PROGRESS:

Ongoing

SPECIFIC ACTIVITIES IN THE COUNTRY:

- Complementary studies and promotion of improved water and sanitation in selected towns.

DESCRIPTION:

The objective of the project 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:

- Improved 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.