



National Environmental Fund - Peru



Integrated Water
and Solid Waste
Management



Mining, Energy and
Industrial Environmental
Liabilities



Clean Energy,
Energy Efficiency,
Clean Production,
Environmental Quality and
Sustainable Buildings



Forests and
Environmental Services



Climate Change and
Promotion of
Carbon Market



Sustainable
Transport



FONAM promotes public and private investment for the development of environmental responsibility projects and programs in Peru.

The National Environmental Fund – FONAM

The National Environmental Fund – FONAM, is a private institution created by the Congress of the Peruvian Republic through Law No. 26793 in 1997, in order to support the financing of plans, programs, projects and activities aimed at environmental protection, sustainable use of natural resources and environmental heritage through financial mechanisms.

FONAM is recognized in Carbon Business as a leader both in Peru and worldwide promoting the carbon market and representing our country in several international organizations such as the Joint Implementation Supervisory Committee (JISC) of the the United Nations Framework Convention on Climate Change (UNFCCC), in the Steering Committee of Host Countries of the Carbon Finance and the VCS Advisory Committee. It works in the identification, qualification and implementation of projects that could be presented to Carbon Market in the Clean Development Mechanism (CDM) to obtain Certified Emission Reductions (CERs) of Greenhouse Gases (GHGs). In the same way, promotes projects for the Voluntary Carbon Market (MVC), PoAs, National Appropriate Mitigation Actions (NAMAs), National Determined Contribution (NDC) and REDD + Projects..

FONAM has been recognized in the implementation of environmental programs and projects as well as in the administration of funds for different environmental interventions associated with the soil, water and air.

SERVICES OFFERED BY FONAM

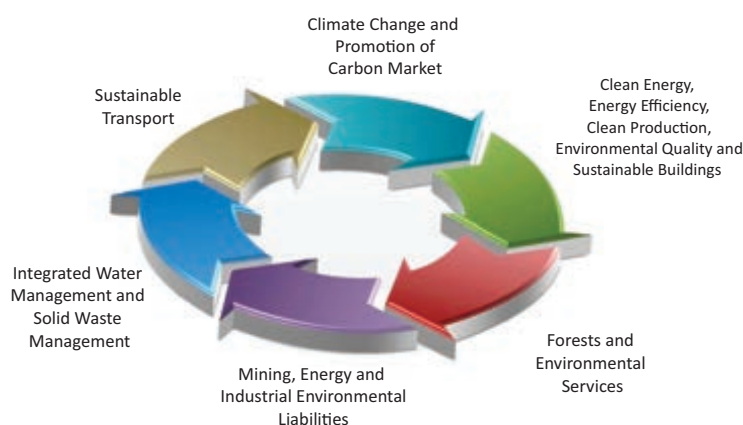
FONAM is the institution that facilitates access to financing at national and international levels that promotes a Low Carbon Economy to achieve sustainable activities and projects. In the same way, FONAM supports the mobilization of financial resources of the Green Climate Fund and others environmental funds.

Services offered by FONAM:

- Provides support to the implementation of the United Nations Environmental Conventions: **Climate Change, Biodiversity Conservation and Combating Desertification.**
- Promotes public and private investment; develops ad-hoc financial programs to facilitate the implementation of environmental investment projects/programs related to Clean Development Mechanism (Certified Emission Reductions, CERs), Voluntary Carbon Market (Voluntary Emission Reductions, VERs), forests, environmental services, REDD+, desertification, sustainable transportation, renewable energy, energy efficiency, clean technology, sustainable buildings, water and solid waste management, remediation of environmental liabilities (mining, energy and industrial), neutralization of the carbon footprint and sustainable development.
- Identifies sources of funding for promotion, pre-investment and investment from public and private sector. Serves as a **financial facilitator between the national and international financial institutions and national operators, as well as manages funds** and trust funds from the bilateral, multilaterals and the world negotiations of climate change as Green Climate Fund.
- Develops of knowledge **and strengthen capacities on environmental issues** in public and private institutions such as municipalities, regional governments, NGOs, private companies, universities, banks, native communities, among others. It has experience in developing Workshops and Social Consultations in rural areas that will contribute to the Country Sustainable Development.

ORGANIZATION AND WORK AREAS

FONAM is composed by a Steering Committee, an Executive Director and a staff of qualified professionals trained in identification, design, formulation, evaluation and financial search of environmental projects. FONAM is organized in six thematic areas:



The Steering Committee, which is the highest decision-making body of FONAM, has a mixed composition and is formed by a total of six representatives from the following institutions:

Ministry of Environment MINAM	Ministry of Economy and Finance MEF	Ministry of Agriculture and Irrigation MINAGRI	National Confederation of Private Enterprises CONFIEP	University Community	Representative of Environmental NGO's
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ALLIES

FONAM works with allies involved in different aspects of financial access cycle at national and international level.

Financial Institutions and National Cooperation	Financial Institutions and International Cooperation
<ul style="list-style-type: none"> • National Banks • Micro Finance Entities • International Cooperation Agencies • Japan-Peru and Peru- Germany countervalue fund • United Nations, UNDP. • Association of Banks in Peru - ASBANC • Association of Microfinance Institutions of Peru - ASOMIF • Private Enterprises • Rural and Native Communities • Regional and Local Governments • Central Government • Ministry of Environment of Peru • Ministry of Agriculture and Irrigation • Ministry of Economy and Finance • Ministry of Energy and Mines • National Water Authority • Non Governmental Organizations. • Others. 	<ul style="list-style-type: none"> • World Bank/ GEF/ Carbon Finance Unit. • IFC • Inter American Development Bank/ FOMIN/ SECCI. • Andean Development Corporation- CAF • International Cooperation Agency • JICA • KfW Bankengruppe • USAID • Gordon and Betty Moore Foundation • - International Cooperation from the government of Netherlands, French, German, Belgium Spanish and Finland. • UNEP DTU Partnership • ONUDI • OLADE • Global mechanism / Convention to Combat Desertification • ONF – Francia • Other.



Participation of FONAM in the Carbon Expo 2016, Cologne – Germany

FONAM WORK AREAS



CLIMATE CHANGE AND PROMOTION OF CARBON MARKET

- Identifies potential carbon projects: CDM, Voluntary Markets, Programs of Activities (PoA) and NAMAS.
- Provides Capacity Building and advisory services in preparation of Carbon and Climate Change projects and programs.
- Promotes and disseminates carbon projects between communities and stakeholders in the area of influence.
- Promotes Peruvian Carbon Project Portfolio at national and international level.
- Advise the financial structuring and access to financing carbon projects
- Develop climate finance: Management of Environmental Trust Funds, Carbon Funds and Climate Funds
- Implement, monitor and evaluate projects and programs of mitigation and adaptation on climate change.
- Greenhouse gas inventory developing for public and private institutions, as well as studies of Carbon Footprint studies and Water Footprint.
- Administration of funds and trusts.



CLEAN ENERGY, ENERGY EFFICIENCY, CLEAN PRODUCTION, ENVIRONMENTAL QUALITY AND SUSTAINABLE BUILDINGS

- Promotes energy efficiency and energy saving in large, medium, small and micro companies of production and services sectors.
- Promotes clean and renewable energy projects such as biomass, biofuels, wind and solar energy and small hydropower.
- Identifies funding sources and administrates national, international and multilateral banks to pre-qualified energy projects as well as projects related to the Stockholm Convention.
- Promotes Stockholm Convention on Persistent Organic Pollutants (POPs).
- Promotes the design, construction and implementation of sustainable buildings.
- Awareness, Training, Technical Assistance and Monitoring of Good Environmental Practices in public and private sectors, promoting efficiency by encouraging energy savings and better energy management in products and services processes.
- Administration of funds and trusts.



FORESTS AND ENVIRONMENTAL SERVICES

- Provides advice to forest projects that have potential to capture emissions of greenhouse gases to enter the carbon market the CDM, REDD + and Voluntary Market, NAMAs and INDCs.
- Promotes the portfolio of Forest Carbon Projects (Afforestation, Reforestation and REDD +) of Peru.
- Provides technical and financial support to projects and investments that take advantage, generate and conserve natural resources, with emphasis on the reduction of GHG emissions, conservation of biodiversity, sustainable management of forest resources, fight desertification and drought, etc.
- Manages funds of International Cooperation and the private sector: FONAM is the fund management unit of the "Gordon and Betty Moore Foundation" and German Bank "KfW".
- Research and Development of studies on new REDD + projects opportunities in Peru.
- Promotion of forest projects by developing governance studies at regional level.
- Administration of funds and trusts.



ENVIRONMENTAL LIABILITIES MINING, ENERGY AND INDUSTRIAL

- Performs engineering studies and other technical studies for mining closure plan liabilities.
- Promotes and Implements projects and remediation works for mining liabilities, and inventories of regional mining liabilities.
- Identifies funding sources and programs to address mining, energetic and industrial environmental liabilities generated by the public and private sectors.
- Promotes private sector financing, CANON, royalties and other contributions to remedy mining and energetic environmental liabilities.
- Promotes and Build Trust: Mining Environmental Remediation Liabilities Fund.
- Develop capacity building in public and private institutions, communities and stakeholders to implement projects of environmental remediation liabilities in mining, energetic and industrial sector.
- Recovery of contaminated rivers by mining activities and/or others
- Administration of funds and trusts.



INTEGRATED WATER MANAGEMENT AND SOLID WASTE MANAGEMENT

- Contributes in design and funding of projects related to problems of water quality, coverage of sanitation services and waste water treatment.
- Promotes clean and efficient technologies for municipal, industrial and hazardous solid waste management and water management.
- Advises in financial structuring between financial institutions and municipalities for the project on solid waste and water management.
- Perform special studies on solid waste and water management
- Promotes the National Water Fund with participation of the private and public sector.
- Promotes the Decontamination of Mantaro River Basin Fund - Mantaro Fund.
- Administration of funds and trusts.



SUSTAINABLE TRANSPORT

- Contributes in development of policies and transport activities related to environmental dimension.
- Promotes efforts and initiatives in mass transit projects that improve air quality as Metropolitan (Bus Rapid Transit - BRT) and electric train.
- Promotes the use of non-motorized transport (bicycles).
- Administration of funds and trusts.

CUSTOMER PROJECTS AND PORTFOLIO

EXECUTED PROJECTS	SOURCE
Development a Project Portfolio in order to qualify the Clean Development Mechanism	HOLLAND GOVERNMENT
Consolidation of CDM Project Portfolio in Peru	CARBON FINANCE ASSIST - WORLD BANK
Project 'Consolidation of CDM in Peru'	FONAM-MINAM-UNEP/RISOE CENTRE
Strategic Alliance to help Latin American and Caribbean countries from FONAM's experience	UNEP RISOE
Programs of CDM in energy sector	JICA - REGIONAL GOVERNMENT OF CAJAMARCA
Project: Humanizing transport: Lima and Callao with quality of life.	GEF – WORLD BANK
National Fund to combat Desertification and Drought	EMBASSY OF THE NETHERLANDS
Capacity Building for Clean Development Mechanism (CDM) Project	JICA
Municipal strengthening of Comprehensive Plan for the implementation of solid waste management in the province of Sechura- Piura.	GERMAN GOVERNMENT
Strengthening of the new municipal administration to implement the comprehensive plan of solid waste (PIGARS, in Spanish) in Sechura province.	FRENCH COOPERATION
Project to Strengthen the National Plan of Integrated Management of Solid Wastes and feasibility studies for selected Municipalities in Peru	FRENCH COOPERATION
Preparation of three PDD in energy sector	JICA
Study on Project Profile of Treatment Management Environmental Mining Liabilities in Huancavelica region.	REGIONAL GOVERNMENT OF HUANCAMELICA
Implementation of the project 'Expansion of the electric border PAFE III' in the Benefit from The Voluntary Carbon Market'	REGIONAL GOVERNMENT OF CAJAMARCA PROREGION
Strengthening the Efficient Use of Energy in Regions	IICA/AEA FINLAND FUNDS
Opportunities and constraints to increase investments in REDD+ business models in the Peruvian Amazon	USAID / PERU BOSQUES
Technical assistance to the Regional Governments of Ucayali and Madre de for the design and adaptation of the regional environmental authority's accordance with the policy of modernization of the state.	USAID / PERU BOSQUES
System of good environmental practices application in Hotels and Restaurants.	MINCETUR
Management of project funds: Strengthen technical and scientific capacity for REDD + in Peru	MOORE FOUNDATION
Management of project funds: Implementation of adaptation measures in four basins	MINAM-FONAM-SECCI/BID
Management of project funds: Action Plan of Biofuels in Peru	MINAM-FONAM-SECCI/BID
Management of project funds: Support for strengthening regional capacities in management of Climate Change	MINAM-FONAM-SECCI/BID

PROJECTS IN PROGRESS	SOURCE
Financial management: Support to the Implementation of REDD+ in Peru (US\$ 8.1 millions)	KFW
Program for the remediation of Mining Environmental Liabilities (PAMs – US\$ 8.2 millions)	MINEM, private sector.
Financial management of Waste Water "Program Contribution PMRI II and other EPS" (US\$ 5.8 millions)	KFW – MINISTRY OF HOUSING, CONSTRUCTION AND SANITATION
Fund Management of the Program: "Best Practices for PCB in South American Mining Sector" (US\$182,750)	MINAM
Fund Management of the Project: Action Plan for Social and Health Program "Evaluation, control and monitoring of the health of vulnerable population by lead, in the area of the citadel Chalaca 2011-2016" (US\$ 183,636)	PERUBAR y DIRESA - Callao
Fund Management for the recovery of hydrocarbon-impacted sites in areas of native communities	MINEM / OEFA

FONAM has experience in the administration and management of funds for an amount of USD 320'243,599.63.

CLIENTS PORTFOLIO

<ul style="list-style-type: none"> ADINELSA AGRO-INDUSTRIAL COMPLEX CARTAVIO S.A.A. ANDEAN DEVELOPMENT CORPORATION (CAF) ASESORANDES BID CELEPSA CHAPRIN ENERGY COMPANY S.A CLEAN ENERGY S.A.C. CLIMATE FOCUS B.V COMPANY MANAGER CHUNGAR SAC COUNTERPART FUND ALTERNATIVE DEVELOPMENTPROJECT,TOCACHE UCHIZA - PRODATU II COUNTERVALUE FUND PERU – GERMAN DUKE ENERGY EGENOR ECOFYS B.V ECORESSOURCES CARBONO SAC. ECOSECURITIES EDEGEL EGEMSA ELECTRO SUR ESTE SAA ENBW KRAFTWERKE AG ENERGY CONSORTIUM HUANCAMELICA S.A - CONEHUA EXECUTING UNIT REGIONAL PROGRAMS –PROREGION FINLAND COOPERATION FRENCH COOPERATION GCZ ENGINEERS SAC GERMAN COOPERATION GRUPO DE INVERSIONES N&H S.R.L 	<ul style="list-style-type: none"> HEAVEN PETROLEUM HIDROCAÑETE JAPANESECOOPERATION KALLPA GENERACIÓN S.A MABANAFT CARBON B.V MACUSANI GENERATION COMPANY S.A. MAPLE ETANOL SRL. Y MAPLE BIOCMBUSTIBLES S.R.L. MARAÑON Hydroelectric SRL. MAROSGREEN S.A.C. MINERA AURIFERA RETAMA S.A. Y CONSORCIO MINERO HORIZONTE S.A. MINISTRY OF AGRICULTURE AND IRRIGATION – AGRORURAL MIRAFLORES CORPORATION MOCHICA GOLD MINING COMPANY / GENERADORA DE ENERGY OF PERU MUNICIPAL MARKET COMPANY S.A. /EMMSA MUNICIPALITY OF SANTIAGO DE SURCO NORWIND S.A.C. OSINERGMIN 	<ul style="list-style-type: none"> PERUANA DE ENERGÍA S.A.A. PETRAMAS PRODATU II PROVINCIAL CITY OF SECHURA PROVINCIAL CITY OF SIVIA REGIONAL GOVERNMENT HUANCAMELICA RENEWABLE ENERGY PERU SAC S&Z CONSULTORES ASOCIADOS S.A. SAN GABAN GENERATION COMPANY S.A. SANTA CRUZ Hydroelectric S.A.C. SANTA ROSA Hydroelectric SUPPORT CONSULTING SWISS COOPERATION TRIPLAY AMAZÓNICO UNEP RISOE USAID / PERUBOSQUES WATER Y ENERGY OF PE MABANAFT CARBON B.V
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