



CLIMATE CHANGE IS AFFECTING THE POORER REGIONS OF THE WORLD FIRST AND WORST DUE TO GEOGRAPHY, GREATER SOCIAL AND ECONOMIC VULNERABILITY, AND LOW ADAPTIVE CAPACITY. ATTENTION MUST BE GIVEN TO MANAGING CURRENT AND FUTURE IMPACTS OF CLIMATE CHANGE TO PROTECT LIVES AND LIVELIHOODS AND TO BUILD RESILIENCE.

ESTABLISHED IN 2008, THE \$8.3 BILLION CLIMATE INVESTMENT FUNDS (CIF) ADDRESS THESE CHALLENGES BY DELIVERING INVESTMENTS AT SCALE TO EMPOWER CLIMATE-SMART TRANSFORMATION

PILOT PROGRAM FOR CLIMATE RESILIENCE

The \$1.2 billion **Pilot Program for Climate Resilience (PPCR)** is a funding window of the CIF for climate change adaptation and resilience building. Using a two-phase, programmatic approach, the PPCR **assists national governments in integrating climate resilience into development planning** across sectors and stakeholder groups. It also provides additional funding to put the plan into action and pilot innovative public and private sector solutions to pressing climate-related risks.

To date, \$939 million (about 80% of PPCR funding) is approved for 58 projects expecting around \$2 billion in co-financing from other sources.

The PPCR empowers countries to approach climate resilience in a programmatic manner. Moving beyond project-by-project activities that have limited potential to effect national or sector wide transformations, the PPCR programmatic approach entails a long-term, strategic arrangement of linked investment projects and activities to achieve large-scale, systematic impacts and take advantage of synergies and co-financing opportunities.



**\$1.2
BILLION**

INCLUDING

\$137 MILLION

PRIVATE SECTOR FUNDING

\$200 MILLION

FOR UPGRADING HYDROMET AND CLIMATE SERVICES FOR MORE INFORMED DECISION MAKING

PPCR IS THE WORLD'S LARGEST ACTIVE ADAPTATION FUND

PPCR TARGETS THE WORLD'S MOST VULNERABLE COUNTRIES AND SMALL ISLANDS

PPCR COUNTRIES

Bangladesh
Bhutan*
Bolivia
Cambodia
Ethiopia*
Gambia*
Honduras*
Kyrgyz Republic*
Madagascar*
Malawi*

Mozambique
Nepal
Niger
Philippines*
Rwanda*
Tajikistan
Uganda*
Yemen
Zambia

Caribbean Region
(Dominica, Grenada,
Haiti, Jamaica, St. Lucia,
St. Vincent and the
Grenadines)

Pacific Region
(Papua New Guinea,
Samoa, Tonga)

*Joined in 2015



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The PPCR has been the largest climate change adaptation intervention that the country had an opportunity to work on. Through the PPCR, the government is able to work with various stakeholders and at different levels—from policy and planning to community level- to demonstrate what types of actions are needed for climate change adaptation to take place.

Emmajil Bogari-Ahai

Manager for Adaptation, Climate Change and Development Authority, Papua New Guinea

PPCR MODEL IS UNIQUE

- Flexible, programmatic approach for greater coordination, stakeholder engagement, and financial flows
- Providing risk-taking, long-term, concessional financing alongside technical assistance and advisory services
- Builds on country-owned and country-led National Adaptation Programmes of Action (NAPA) and other national development programs and plans

REDUCING CLIMATE VULNERABILITY AMONG MOZAMBICAN FARMING COMMUNITIES

In **Mozambique**, farmers in rural areas are prone to weather and climate shocks affecting agricultural practices and livestock. The country's PPCR Investment Plan supports national reforms that build resilience into development planning and investment in several sectors, including agriculture.

A \$15.75 million PPCR project, channeled by the African Development Bank, aims to improve the lives of 8,200 farm families in some of the country's flood-prone regions. The project provides climate-resilient infrastructure such as rural roads and irrigation and drainage systems able to withstand extreme weather events. In addition, a key component is strengthening the technical knowledge of farmers and training them on post-harvest operations, marketing and access to markets.

ENSURING CLIMATE RESILIENCE IN SAMOA

In **Samoa**, 70 percent of the population lives within a kilometer of the coast. Approximately four-fifths of the country's 400 km coastline is at risk from erosion, flooding or landslides, meaning climate-related events, such as tropical cyclones and storm surges, pose a significant threat to people's lives and livelihoods. A PPCR grant of \$14.6 million administered by the World Bank supports a program assisting 45,000 Samoans in coastal communities in adapting to climate change and variability; protects coastal infrastructure; and increases awareness about climate change impacts and adaptation activities among communities, civil society and government.

The project provides training and support in targeted communities to update and implement local coastal infrastructure plans, and for activities that increase the resilience of coastlines, near-shore areas and coral reefs. It offers community grants for village-level projects that target coastal resilience like planting activities, mangrove rehabilitation, improved water storage or the relocation of small infrastructure.

INNOVATIVE PLANNING TOOL FOR CLIMATE RESILIENT WATER RESOURCES MANAGEMENT IN BOLIVIA

In **Bolivia**, one of the most vulnerable countries to climate change, drought and flood events jeopardize the fight against poverty. Climate change also accelerates the increase of water scarcity in some of river basins, which affects its water availability for drinking, agricultural production, production of hydropower, mining, industrial production and ecosystems.

The \$45.5 million World Bank project, co-financed by PPCR, integrates hydrological modelling, economic data, water usage interests and local priorities. The system helps analyze possible conflicts, develop management strategies and prioritize infrastructure and management activities. Visualization of modelling results and available information facilitates active participation of local stakeholders and enables to integrate climate change scenarios into the planning process through role-play and negotiation exercises.

SUPPORTING NEPAL TO MAINSTREAM CLIMATE CHANGE INTO PLANNING

In **Nepal**, where agriculture contributes to 35 percent of the country's gross domestic product and employs 80 percent of the population, getting weather information to farmers is critical. A \$7.2 million PPCR project, implemented by the Asian Development Bank, is helping government agencies work together to facilitate agro-meteorology data exchange and product development. This collaboration has led to the development of agromet advisories and efforts to develop bulletins and products. Eight districts offices are receiving support to establish agro-call centers where farmers can access a variety of information and services on managing weather and climate risks.

A climate-smart mobile telephone application and text messaging system is also being piloted. Expansion will be supported by an agreement with Nepal Telecom to provide 5,500 farmers with "green SIM cards" allowing free talk and data access to climate services. This project is part of a larger program to build government capacity to mitigate climate-related hazards by improving the accuracy and timeliness of weather and flood forecasts and warnings for climate-vulnerable communities, supported by \$31 million from the PPCR administered by the World Bank.

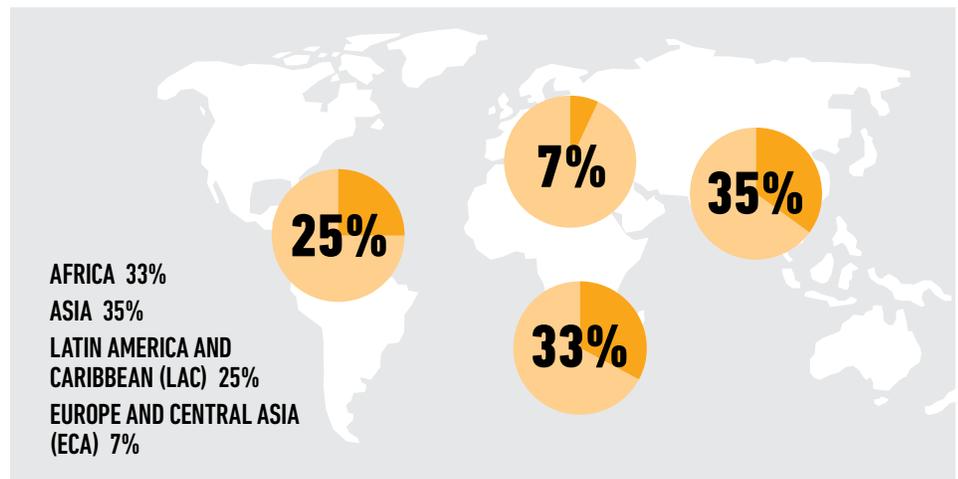
PRIVATE SECTOR PARTICIPATION

To extend the PPCR's reach beyond national and regional Investment Plans and stimulate more **private sector participation**, concessional financing has been set aside to be awarded on a competitive basis for innovative projects advancing the goals of the PPCR.

Climate-vulnerable **Tajikistan** is the launch point of CLIMADAPT, the European Bank for Reconstruction and Development's (EBRD) climate resilience financing facility—one of the first of its kind in the world. It combines \$5 million in concessional funding from the PPCR and \$5 million in loan from the EBRD to scale up financing for climate resilience through local financial institutions. So far, loans totaling \$8 million have been provided to one Tajik bank and two microfinance institutions to on-lend to small and medium-sized enterprises, small farmers, and households in rural areas. The credit line will help them adopt technologies and practices to reduce soil erosion and pressure on water and energy resources.



PPCR INVESTMENT



PPCR PORTFOLIO

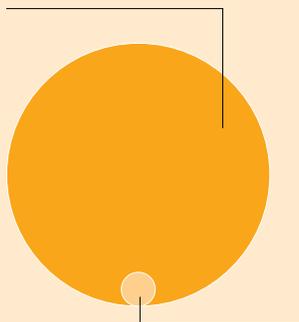
\$1.2B¹

ALLOCATION

58 projects
\$2.0 billion expected co-financing

PPCR ALLOCATION & APPROVALS

\$939 million
APPROVED BY
MULTILATERAL DEVELOPMENT
BANKS (MDBS)



\$121 million
PIPELINE ALLOCATION

BUILDING IN-COUNTRY CAPACITY, KNOWLEDGE, AND STAKEHOLDER ENGAGEMENT

In collaboration with partner Multilateral Development Banks, the CIF organizes country and regional trainings focused on strengthening the capacity of PPCR pilot countries to monitor and report results. In Tajikistan (2015), Jamaica (2016) and Tonga (2016), regional workshops offered a platform for sustained regional dialogue and knowledge exchange on climate resilience monitoring and reporting across a broad range of sectors including water, disaster risk management, energy and agriculture.

The CIF continues to provide capacity building support and organize south-south exchanges as well as engage with PPCR countries and development partners to generate lessons, facilitate knowledge exchange, and promote good practice on climate change adaptation.

THE PPCR IS SUPPORTING CLIMATE RESILIENCE ACROSS SECTORS²

Agriculture and Landscape Management



Water Resources Management



Climate Information Systems and Disaster Risk Management



Infrastructure



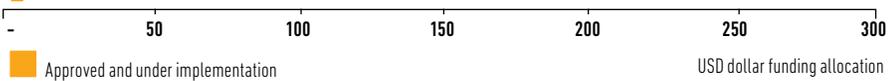
Enabling Environment (including capacity development, policy and regulatory work)



Coastal Zone Management



Urban Development



Approved and under implementation

PPCR COUNTRIES



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