

The Caribbean Regional Track of the Pilot Programme for Climate Resilience

The Caribbean Pilot Programme for Climate Resilience (PPCR) is a climate change adaptation initiative of the global PPCR, supported by the Climate Investment Funds.

The Caribbean PPCR has two complementary tracks. The first track consists of country based investments in six vulnerable countries, Dominica, Grenada, Haiti, Jamaica, St Lucia and St Vincent and the Grenadines and the second is a regional track of activities involving regional organizations working in key sectors in the Caribbean.

The regional track supports and is supported by the country pilot projects.

The objectives of the Caribbean Regional Track of the PPCR are:

1. To improve regional processes to acquire, store, analyse access and disseminate climate relevant data and information
2. To pilot and scale up innovative climate resilient initiatives in the region

The Caribbean Regional Track of the PPCR Caribbean is coordinated by a Programme Management Unit at the University of the West Indies' Mona Office for Research and Innovation (UWI MORI) in Jamaica. The programme is implemented in collaboration with the Inter-American Development Bank. A total of USD10.39 million in grant funding has been provided to the regional track. Activities under the program began in 2015 and will continue until 2020. Components of the project are being co-implemented by five regional institutions:

- The Climate Studies Group (CSG) at UWI, Mona
- The Caribbean Institute for Meteorology and Hydrology (CIMH)
- The Caribbean Regional Fisheries Mechanism Secretariat (CRFM)
- The Caribbean Agricultural Research and Development Institute (CARDI)
- The Caribbean Public Health Agency (CARPHA)

Data generated and information products developed under the regional track is being used at both national and regional levels to support climate smart planning and decision making.

The Four Components of the Caribbean Regional Track of the PPCR



Components	Objectives	Co-Implementing Partners	Key Activities
1 Improving Geospatial Data and its Management for Adaptation Planning and for Impact Analysis of Sea Level Rise and Storm Surge	To improve access to high quality and up to date data to support climate change analysis related to sea-level rise, storm surge, flooding and ongoing adaptation planning	Technical Leads from Pilot Countries	<ul style="list-style-type: none"> Conduct research related to measuring ocean depths and topography for highly vulnerable locations in Caribbean PPCR countries Create geospatial outputs from research data Share geospatial data to support climate analysis and adaptation planning at national and regional levels Develop & disseminate case studies Capacity building of pilot countries to use LIDAR
2. Consolidating and Expanding the Regional Climate Network and Global Platform Linkages	To strengthen regional and national structures and mechanisms to deliver climate products and services.	CIMH	<ul style="list-style-type: none"> Improve the ability of Caribbean PPCR countries to acquire weather data Develop priority climate products and services for 3 key sectors in 3 PPCR countries Build the capacity of national meteorological offices to function as national climate centres Improve the back-up storage of regional climate data
3. Providing Regional and Country-level Climate Projection Models and High Resolution Maps	To improve availability of downscaled future climate projections to support adaptation planning, decision making and sectoral modelling and projections.	CSG	<ul style="list-style-type: none"> Improve technological capacity to analyse existing regional climate modelling outputs and to generate and assess new outputs Establish a framework linking regional and sectoral climate models for adaptation planning in four key sectors Develop a Regional Coastal Zone Integrated Information Management System.
4. Applied Adaptation Initiatives in Health, Agriculture, Marine and Water Sectors and in CC Mainstreaming	<p>Health To reduce climate-related risks from mosquito borne diseases.</p> <p>Water To develop an enabling policy and capacity building environment for Rainwater Harvesting Systems.</p>	CARPHA	<ul style="list-style-type: none"> Establish early warning systems for mosquito-borne diseases in 3 countries Enhance policies, build capacity for Rainwater Harvesting Establish Rainwater Harvesting systems in three communities
	Marine Sector To reduce the impact of climate-related risks on the fisheries industry.	CRFM	<ul style="list-style-type: none"> Establish - ICT based Fisheries Early Warning and Response system to reduce climate and weather risks to fishermen & women Assess climate change's impact on Caribbean fisheries and develop a related fisheries and environment database.
	Agriculture To improve the availability of climate resilient crops & agricultural production systems.	CARDI	<ul style="list-style-type: none"> Conduct crop modelling for key crops and train CARDI staff in crop modelling Refurbish and/or establish seed banks and weaning facilities in select Caribbean PPCR countries Increase storage capacity for climate resilient plant varieties
	Mainstreaming To integrate climate change considerations in planning and facilitate the use of climate change risk and adaptation tools		<ul style="list-style-type: none"> Conduct reviews to support mainstreaming climate change adaptation Support the roll-out of a climate change risk and adaptation tool in select PPCR countries

For additional information on the Caribbean Regional Track of the PPCR please contact:

The Programme Management Office
Mona Office for Research and Innovation

The UWI, Mona Campus, Kingston 7, Jamaica W.I. • Telephone: (876) 935-8192 • Email: pmo@caribppcr.org.jm

• Website: www.caribppcr.org.jm  Twitter: @Caribclimateact