

# CARIBBEAN REGIONAL RESILIENCE BUILDING FACILITY



**GFDRR**  
Global Facility for Disaster Reduction and Recovery



**WORLD BANK GROUP**

## Strengthening the Integration and Application of Resilient Technologies and Practices in Critical Work and Systems in Saint Lucia

### Country

Saint Lucia

### Caribbean Regional Resilience Building Facility Component

Regional Technical Assistance Facility to Mainstream Resilience

### Amount Approved

€128,826 / \$142,436

### Duration

12/2021 – 06/2023

### Context and Objectives

Saint Lucia is exposed to multiple disaster and climate-related hazards that represent a significant risk to its economic and social development. Winds, floods, landslides, droughts, and rising sea levels have increasingly impacted livelihoods, destroyed infrastructure, and disrupted the provision of essential services, necessitating an increasing share of the national budget for recovery and reconstruction efforts.

Despite these challenges, Saint Lucia has made substantial improvements to its Disaster Risk Management (DRM) capacities, namely by strengthening its institutional, legal, and coordination frameworks, by enhancing early warning systems and response planning, and investing in risk mitigation measures and financial instruments. Saint Lucia has also developed its national Strategic Program for

Climate Resilience (SPCR), a five-year strategy to build the country's resilience to climate change impacts.

The objective of this project was to support the government of Saint Lucia in strengthening the application of DRM tools in decision-making processes and within critical infrastructure investments, in coordination with the World Bank [Saint Lucia Disaster Vulnerability Reduction Project](#) (DVRP).

### Main Activities

- Enhancing the integration of resilience across critical infrastructure works and construction practices.
- Strengthening the application of climate and disaster risk information into decision-making processes.

### Results

This project provided technical assistance to support the integration of disaster risk reduction measures into critical infrastructure interventions such as roads, bridges, community centers, and hospital infrastructure. Specific examples include the rehabilitation of Piaye Bridge, Anse La Raye Road, and the Blanchard, Bexon, Piaye, and Roblot community centers.

Concerning improvements to disaster and climate risk information systems, enhancements were made to hydro-meteorological observation networks and data integration, flood forecasting, and the application and development of LiDAR (Light Detection and Ranging) remote sensing.

As a result of this project, the Government of Saint Lucia has strengthened capacities to effectively use disaster and climate information in decision-making processes, and improved capacity of the National Emergency Management Organization (NEMO) to prepare for and respond to disasters.

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### **Partnerships and Coordination**

The World Bank implemented this project in close collaboration with the Ministry of Economic Development, Housing, Urban Renewal, Transport and Civil Aviation, the National Emergency Management Organization, as well as the Caribbean Disaster and Emergency Management Agency.

Progress made under this project built on worked financed by the EU in the frame of the ACP-EU Natural Disaster Risk Reduction [Program](#).