



Applying the WFP-CCRIF Top-up Model to Other Sectors

Climate shocks disrupt essential services and economic stability in the Caribbean & Central America. Governments often bear the financial burden, diverting resources from long-term development. This presentation explores opportunities for targeted risk financing solutions across six key sectors, strengthening resilience.



Strengthening Critical Infrastructure Resilience



Water & Sanitation: Ensuring Service Continuity

Weather damage to water infrastructure creates critical shortages and health risks. Parametric insurance for water utilities enables immediate repairs and service continuity, while drought-indexed top-ups ensure supply during dry spells.



Access to Power: Keeping Lights On After Disasters

Hurricanes causing widespread power outages severely impact health services, businesses, and recovery efforts. Insurance-backed microgrid financing and rapid-response parametric insurance for utilities reduce system downtime.

Education: Keeping Schools Open



Challenge

Hurricanes & floods damage school infrastructure. This leads to long closures, disrupting education.



Solution

Top-up insurance for education funds rapid school repairs & mobile classrooms. Parametric coverage for teacher salaries ensures continuity.



Partners

Ministries of Education, UNICEF, and Development Banks are potential partners for funding.



Health Systems & Climate-Linked Disease Resilience



Extreme weather damages health facilities and increases outbreaks.



Climate-disease risk finance mechanisms for outbreak response.



Parametric health system insurance funds facility repairs & medical supplies.



Social Protection & Livelihood Security

1 COAST Insurance

Rapid liquidity for fishers to recover from storms. This secures coastal livelihoods.

2 Agri-Insurance

Protects farmers against drought, hurricanes, and floods.

Protecting Natural Resources & Ecosystems

1

Challenge

Ecosystems reduce disaster risk but require restoration.

2

Solution

Coral reef & mangrove restoration insurance supports rapid recovery.

3

Opportunity

Parametric funding protects biodiversity & livelihoods.



The Value of Risk Financing

Faster Response

Reduces delays in funding disaster recovery, ensuring immediate assistance.

Protects Gains

Keeps essential services operational, safeguarding development achievements.

Enhances Partnerships

Reduces fiscal pressure on governments through public-private collaboration.

Improves Stability

Supports affected populations & businesses, stabilizing economies.

