

Urban Laboratory Portoviejo

Potential Climate/ Disaster Impacts addressed and Justification for this Approach

The 2016 earthquake marked one of the milestones in risk management in Ecuador, in particular in the city of Portoviejo, the capital of Manabí province. This highlighted the need for an integral and policy-driven approach to risk reduction. After that, in the winter of 2017, heavy rains, combined with deforestation processes in the hills, and a larger number of informal settlements in risk areas, accompanied by elements of socio-economic vulnerability, gave way to the occurrence of strong landslides and floods in several sectors of the city. This reinforced the need to strengthen public intervention focused on risk reduction.

In this context, the Sustainable Intermediate Cities Program (CIS) established the city of Portoviejo as one of the "Urban Laboratories" to constitute a platform to promote and put into practice innovative policies and initiatives focused on risk management, resilience, and adaptation to climate change, as well as its mainstreaming in territorial planning processes and urban development instruments.

Process of Implementation

1. Strengthening of institutional management: Establish a local governance model that promotes institutional resilience to reduce present and future risks.
 - a) Risk management institutionalization through the strengthening of the local regulatory framework.
 - b) Design and application of tools to enable local government to improve capacities for corrective and prospective risk management in the framework of its exclusive municipal competencies.
 - c) Generation of inputs and strengthening of capacities to include the risk and climate change management approach in planning instruments for development.
2. Strengthening of spatial management: Promote the interaction of the biophysical structures and dynamics and the social aspects of the territory to reduce existing risks and avoid the generation of new risks.
 - a) Generation of instruments and mechanisms to improve corrective and prospective risk management.
 - b) Development of processes to promote the link of shared responsibility between the public, private, civil society, and academia in territorial development.
 - c) Focus on territorial intervention in the San Pablo intervention polygon through a process of social transformation and integral improvement of the neighborhoods, from the risk reduction and adaptation to climate change approach.

Project Title: CIS I

Project Number: 2014.2160.1

Results and Impacts

Operationalization of the Decentralized Cantonal System of Risk Management (Ordinance and management model) Institutional planning that transversalizes the approach to managing current and future risks in the 14 exclusive municipal competencies. Inputs to integrate GR and CC into planning instruments (PDOT and PUGS):

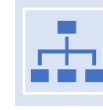
- a) Sustainable Development Agenda 2035 with a rights, risks, and climate change approach.
 - b) Generation of models, climate projections, and climate characterization of the canton. Study of the perception and social representation of risk in the urban area of Portoviejo. Consolidation and strengthening of 72 Neighborhood Risk and Emergency Committees. Early warning institutional platform. App Portoviejo previene. Focusing on intervention in San Pablo:
- a) Innovative mechanism of citizen action for increasing resilience.
 - b) Multi-threat risk territorial diagnosis.
 - c) Guidelines for local development.
 - d) Design and implementation of nature-based pilot adaptation measures.
 - e) Linkage projects with society for the social transformation of San Pablo.



COUNTRY
Ecuador



TYPE OF APPROACH
Framework conditions



LEVEL OF INTERVENTION
city, neighbourhood



TYPE OF RISK MANAGEMENT
prevention, resistance, transformation



MAIN HAZARDS ADDRESSED
all



URBAN FUNCTION PROTECTED
all



SPHERE OF INTERVENTION
socio-political sphere/ governance, environment



RESOURCES REQUIRED

1 national staff 36 month, consulting contracts 360.000 Euro during 3 years.



COOPERATION PARTNERS

Municipality of Portoviejo, Ministry of Housing, Ministry of Environment, Association of Risk Management Professionals of Ecuador (APGRE), Civil society organizations, REDUS Manabí.

LINKS

<https://cajarecursosdus.lideresparagobernar.org/documento/IC2013.7>
<https://cajarecursosdus.lideresparagobernar.org/documento/HC2019>
https://www.bivica.org/files/5705_Cartilla%20Ordenanza%20del%20Sistema%20Cantonal%20de%20Gesti%C3%B3n%20de%20Riesgos.pdf
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