

BUILDING RESILIENCE OF COMMUNITIES FROM HIGHLANDS TO OCEANS IN THE FACE OF CLIMATE CRISIS

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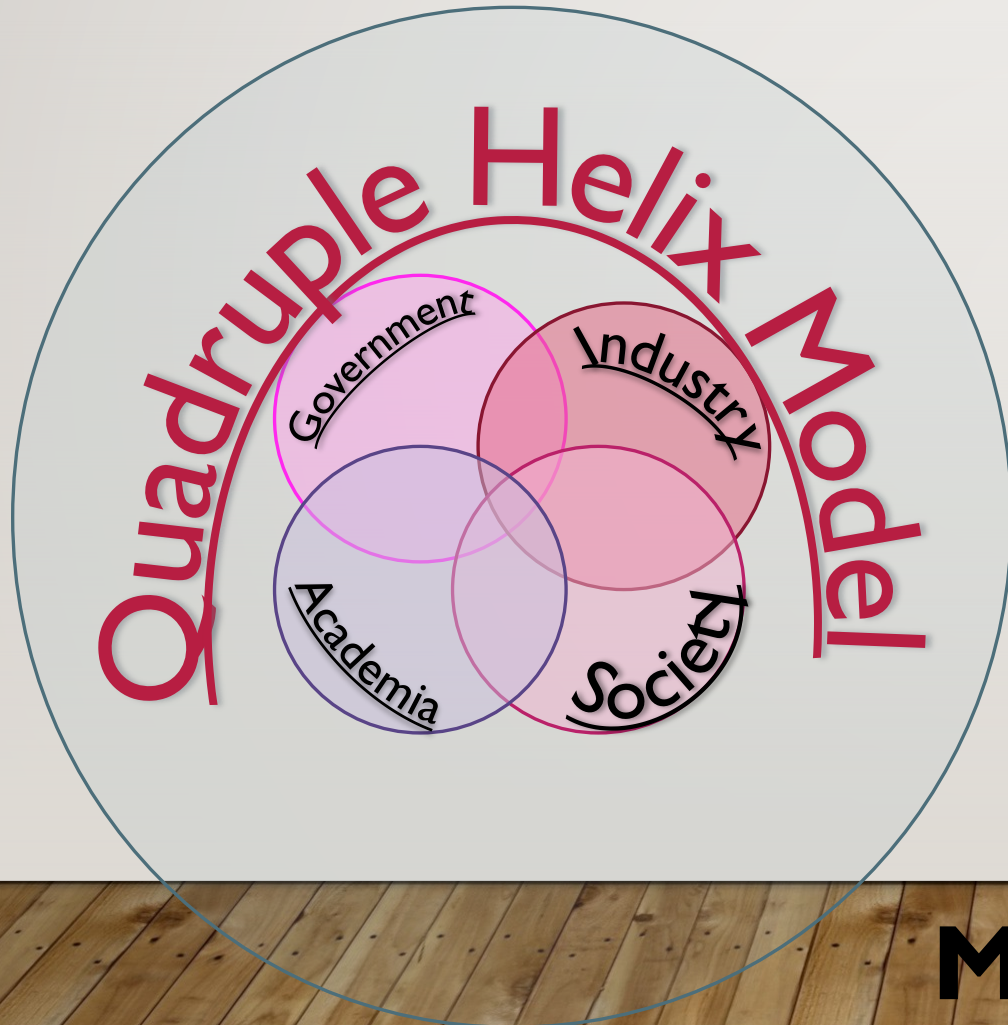


Centro Internacional del
**Pacífico para la Reducción
del Riesgo de Desastres**



MAIN GOAL

To effectively contribute to building resilience in lieu of the XX1 Century challenges, which include to reduce the risk of natural and anthropic hazards for sustainable development



Sendai Framework of Action for
DRR



Sustainable Development Goals



Paris Agreement on Climate
Change-IPCC



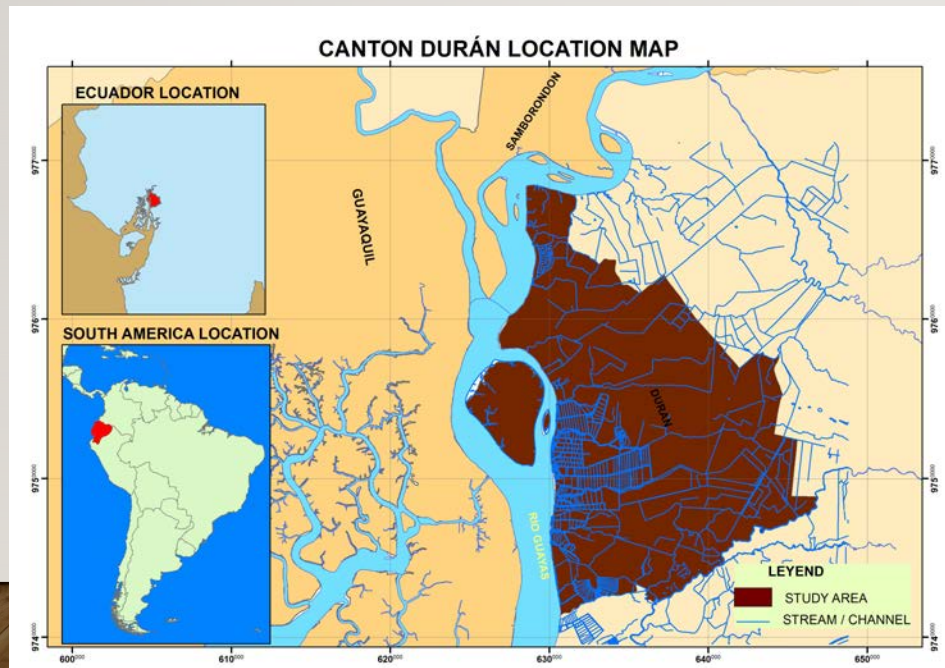
The New Urban Agenda

Management Model

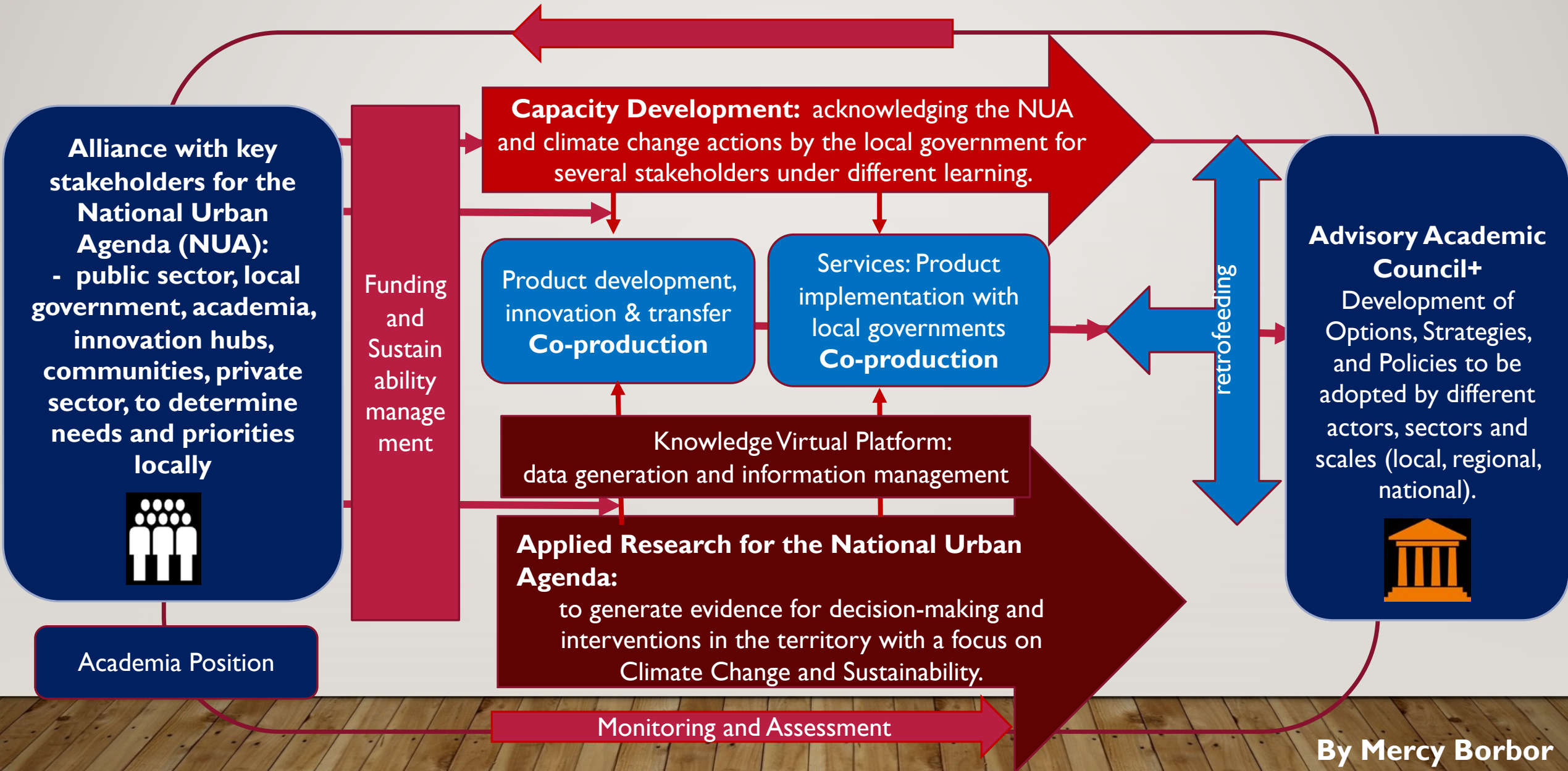
Capacity Building for Climate Resilience in a middle size municipality: the Duran case at Ecuador by ESPOL Team

DURAN city is affected by recurrent flooding due to extreme precipitation events, extreme tides and inefficient drainage system

MAIN GOAL: to assess the causes of Duran's vulnerability by considering exposure, population sensitivity and adaptive capacity to establish alternatives to reduce its vulnerability to flooding



CO-PRODUCTION PROCESS BETWEEN ACADEMIA, GOVERNMENT AND COMMUNITIES FOR THE URBAN AGENDA UNDER CLIMATE CHANGE



DESIGNING STRATEGIES FOR CLIMATE RESILIENCE IN CITIES

- **Strategic Objective 1:** to approve city mandates that adopt the Sendai Framework of Action for DRR principles and Adaptation to Climate Change in the Land Use and Resilience Planning.
- **Strategic Objective 2:** To strengthen institutional governance and social capacity within the communities for resilience.
- **Strategic Objective 3:** To adopt knowledge management and urban innovation
- **Strategic Objective 4:** to add Urban Landscape design and ecosystems for resilience into city planning



COMMUNITY BASED EARLY WARNING SYSTEM

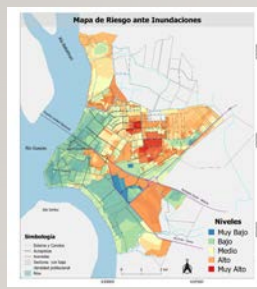
Precipitation levels and their impacts



Coordination with Duran Risk Unit

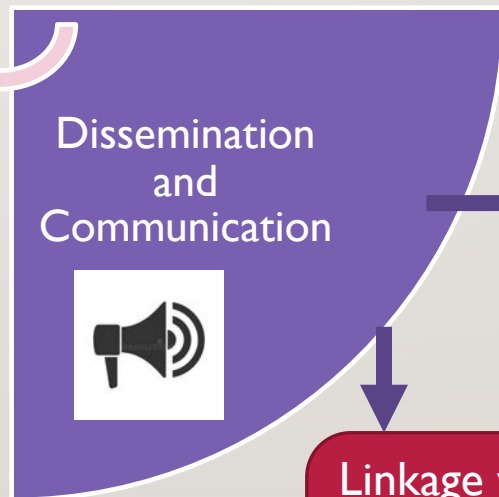
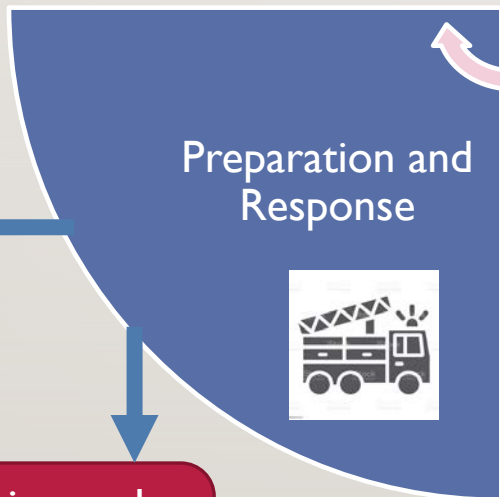


Validation of vulnerability and risk levels to floods



Design and strengthening of the monitoring network

Response plan to floods by Duran Risk Unit and the community



To establish communication channels between Duran Risk Unit and the community

Design and application of response

Linkage with Risk Management Committee and Neighborhood

