

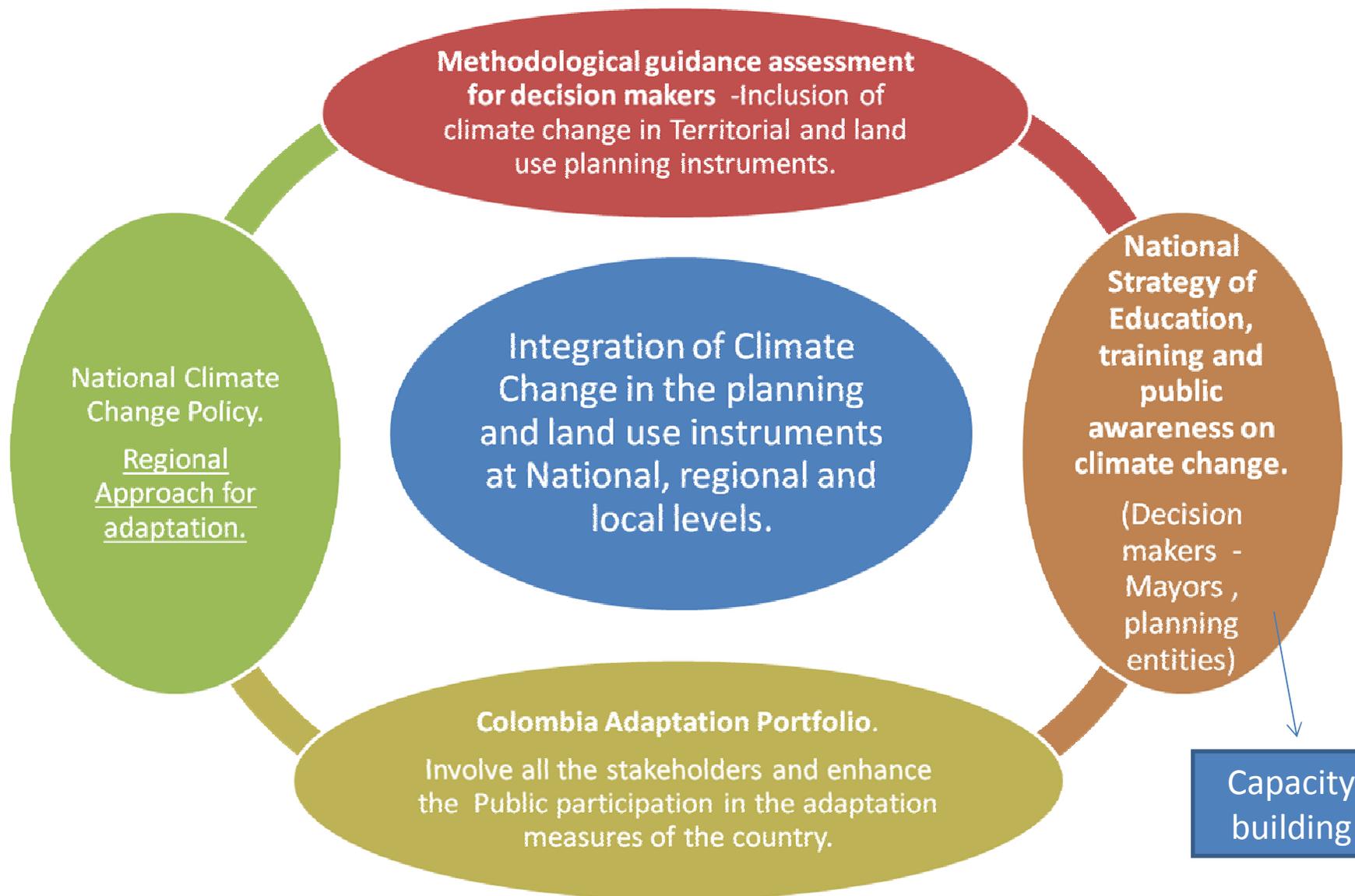
# Colombia – Integration of adaptation across different administrative levels



UNFCCC Technical workshop on  
advancing the integration of  
approaches to adaptation planning.

Bangkok – Thailand  
12 to 14 October 2009.

# 1. Adaptation planning in Colombia - Current strategies, programmes and practices



# 1. Current strategies, programmes and practices

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## THE INTEGRATED NATIONAL ADAPTATION PLAN - INAP

INAP is framed within the GEF pilot adaptation window which is aimed at establishing pilot projects to show how adaptation planning and assessment can be translated into projects that will provide real benefits, and may be integrated into national policy and sustainable development planning.

This project would be the first adaptation project in a continental country

INAP supports 4 main activities:

- a. Making climate, climate variability, and climate change information available for adoption of adaptation measures and policies
- b. Adaptation program for high mountain ecosystems:
- c. Adaptation measures in Colombia's Caribbean Insular areas.
- d. Responses to the increased exposure to tropical vector-borne diseases (malaria and dengue) induced by climate change.



# 1. Current strategies, programmes and practices

## Integration of ecosystems and adaptation to climate change in the Colombian Massif

This program will strengthen the coordination and integration of environmental issues within the national development agenda, with an emphasis on reducing vulnerability due to environmental degradation and climate change in the poorest and most affected sectors and groups.

- **Project outcome:**

Consolidated national and regional capacity for knowledge, conservation and sustainable use of biodiversity and the preservation, management and restoration of ecosystems to ensure maintenance of environmental goods and services.

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- Integrate environmental issues into national planning policies, strategies and instruments to facilitate attainment of the MDGs (Millennium Development Goals).
- Strength local institutional and community capacities in the strategic ecoregion of the Colombian Massif to adapt to climate change.



# 1. Current strategies, programmes and practices

*Definition of the Vulnerability of the Biogeophysic and Socioeconomic Systems due to a Change in the Sea Level in the Colombian Coastal Area (Caribbean, Insular and Pacific) and Adaptation Measures.*

- **Region:** Colombian Coastal Zones (Caribbean, Insular and Pacific).
- **Activities:** The project assessed the vulnerability of coastal zones to potential sea-level rise using the methodology proposed by the Intergovernmental Panel on Climate Change.



## 2. Lessons learned and good practices

- INAP
- The construction of two Water integrated Systems with the participation of the inhabitants of San Andres Island.
- Assembly of a Data Manager Center with two oceanographic and meteorological monitoring stations and a monitoring system for coral reef areas in the Colombian Caribbean islands.
- The It was incorporated climate change criteria on the management plan for marine Island protected areas at the Colombian Caribbean.
- Outputs of the study set demonstrative pilot actions in the preparation of the country for the establishment of a Climate Change Adaptation National Policy.
- Capacity building through research, institutional training strategies and public awareness as effective mechanisms to improve the adaptability of the Cartagena de Indias and Tumaco coastal areas.



## 2. Lessons learned and good practices

### INAP

- The outputs of the study set demonstrative pilot actions in the preparation of the country for the establishment of a Climate Change Adaptation National Policy.
- Capacity building through research, institutional training strategies and public awareness as effective mechanisms to improve the adaptability of the Cartagena de Indias and Tumaco coastal areas.
- International cooperation as well as sharing of experience with other countries have also been key components of success in this scheme.



# Opportunities and challenges

- Colombia is currently under the review process of the territorial planning instruments.
- The National Climate policy (in formulation) is aimed to generate legal instruments to force local decision makers to integrate climate change in the developing instruments.
- There is a high political will, at national level to strengthen the integration of adaptation policy across the sectorial and regional levels.
- There is a need to make the adaptation measures politically attractive. (Combination between long and short term actions).



# Opportunities and challenges

- Decentralization of information and capacity building to insert it in measures.
- Building on what already works and is successful today, taking into account the role of local communities.
- Enhancing early warnings, vulnerability and risk assessments in order to identify short, medium and long term priorities on adaptation; development of recovery measures and capacity building at the local level.
- Vulnerability and risk assessments should include socio-economic aspects as poverty reduction.



# Opportunities and Challenges.

- Based on the Colombian experience through implementation of adaptation projects (e.g. INAP project), we strongly believe that a crucial need in adaptation issues is to promote community involvement in the entire process.
- The improvement and downscaling of global climate models and local climate change scenarios.
- Education, training and public awareness are very important in order to downscale national adaptation plans into sub-national, community and local adaptation strategies.
- The implementation of article 6 of the Convention must be considered as a strategic input to the implementation of the Nairobi work program by Parties.



# THANK YOU!

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