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PARA TODOS**

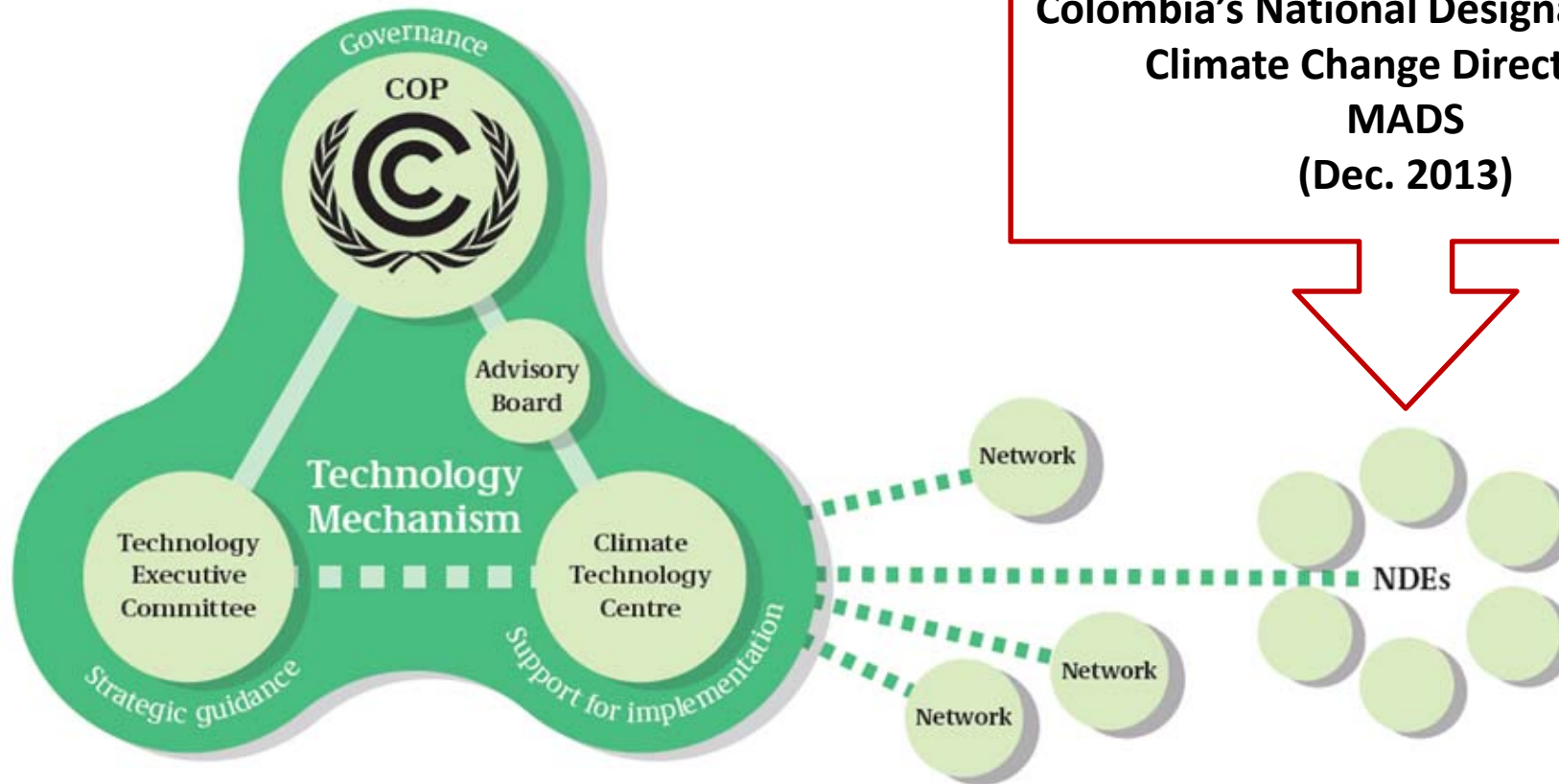
***Colombia's Experience Requesting  
Technical Assistance from the  
Climate Technology Centre and Network***

**Bonn, Germany  
June 7<sup>th</sup>, 2014**



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**UNFCCC Technology Mechanism**



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- Since the beginning of 2014, Colombia has been working on the creation of the National Network for the Development and Transfer of Technology
- The work of over 4.000 research groups has been analyzed to identify their possible contribution to the government's Climate Change mitigation and adaptation actions.
- Public and private Research Institutes will be invited to be part of the network.

**National Network**



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CATIE and UNEP have been supporting Colombia in the formulation of its first Response Plan.



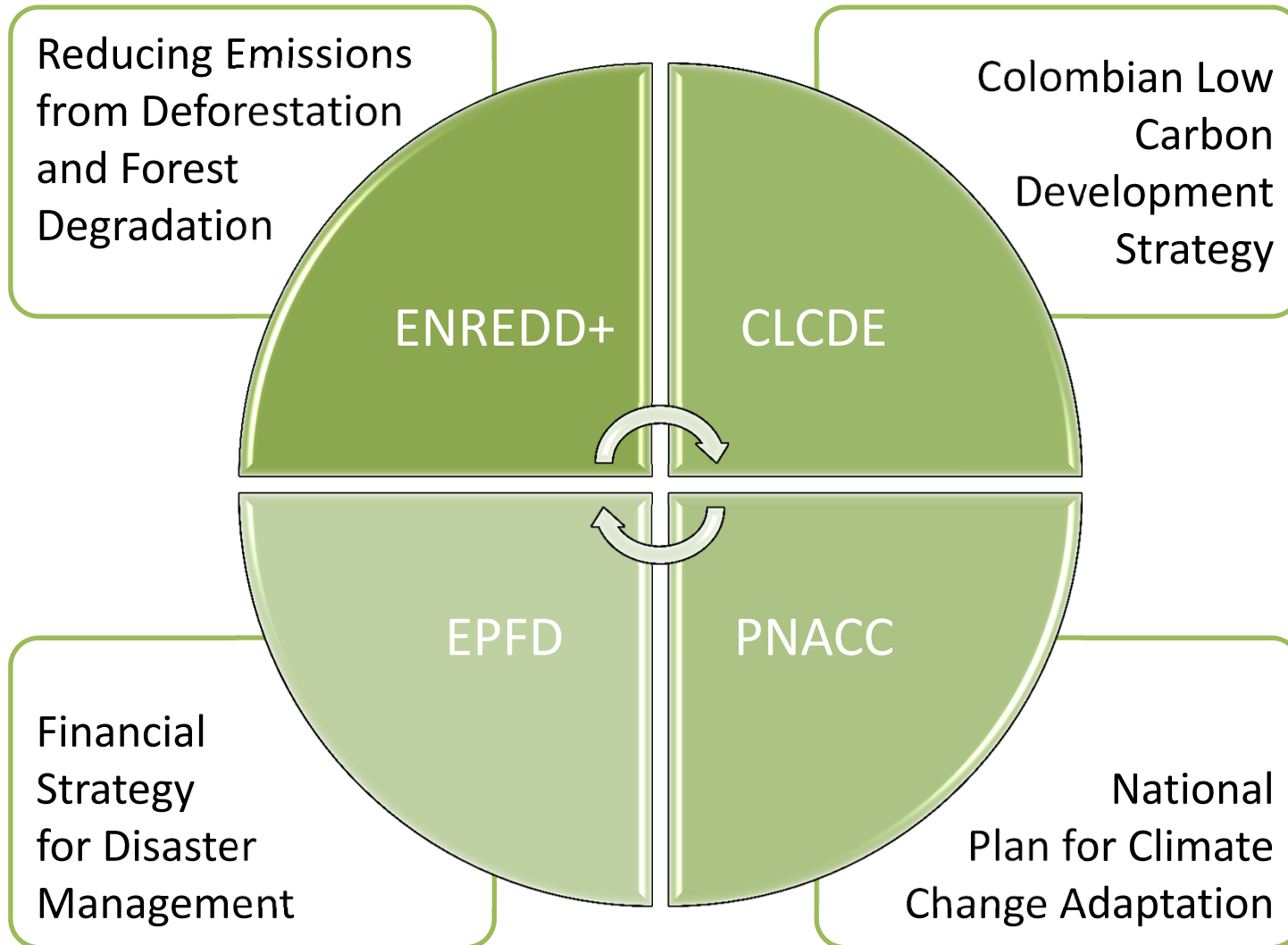
1. Monitoring and Evaluation of National Promotion Policies for Energy Efficiency and Renewable Energy Against National Targets.
2. Development of a Mechanical-Biological Treatment Pilot Plant for the Waste NAMA.
3. Development of a National System of Indicators for Climate Change Adaptation → **Currently formulating Response Plan.**

**Submission Process: Technical Assistance Project**



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## Colombia's Comprehensive Climate Change Strategy

		MINISTRY	SECTOR	SMAPs	NAMAs*
National Planning Department (DNP)	Ministry of Environment and Sustainable Development (MADS)	Ministry of Housing, Cities and Territories	Housing, Waste	SMAP of Housing	Domestic Waste-water Treatment
				SMAP of Waste	Solid Waste <small>*6<sup>th</sup> in the fifth round of the NAMA Facility</small>
		Ministry of Transport	Transport	SMAP of Transport	Transit Oriented Development <small>*Approved for funding by the NAMA Facility</small>
		Ministry of Mines and Energy	Mining, Oil & Gas and Electricity	SMAP of Oil and Gas	Natural gas in Coal Mines
				SMAP of Mines	Efficient Stoves
SMAP of Electricity	Renewable Energy in Non Interconnected Areas				
Ministry of Commerce, Industry and Tourism	Industry	SMAP of Industry	Substitution of Refrigerators		
Ministry of Agriculture and Rural Development	Agriculture	SMAP of Agriculture	Energy Efficiency in Industry		

\*This list includes only the NAMAs with a more advanced process of formulation. There are 31 NAMAS identified.



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## **Monitoring and Evaluation of National Promotion Policies for Energy Efficiency and Renewable Energy Against National Targets**

Evaluate the existing tax incentives for Energy Efficiency and Renewable Energy and the impacts of their implementations (tax, financial, tariff, VAT, environmental surcharges), and design a mechanism to Monitor and Evaluate the benefits derived, both to the state and to beneficiaries.

## **Development of a Mechanical-Biological Treatment Pilot Plant for the Waste NAMA**

Develop a Mechanical-Biological Treatment Pilot Plant that allows the government to foster private investments in alternative treatment methods, strengthens national confidence and local levels of commitment to start the transition from landfills towards alternative treatment technologies and looking for Colombia's waste sector emissions per capita to decrease.

**Mitigation Projects Submitted to the CTCN**





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**TERRITORIAL**

ADAPTATION FUND

Plan Maestro de Cambio Climático  
**Montería**  
Ciudad Verde 2019

Huila 2050  
Preparándose para el cambio climático

National Planning Department (DNP)

Ministry of Environmental and Sustainable Development (MADS)

**SECTORIAL**

ENERGY

HOUSING

TRANSPORT

HIDROCARBURS

MINING

AGRICULTURE

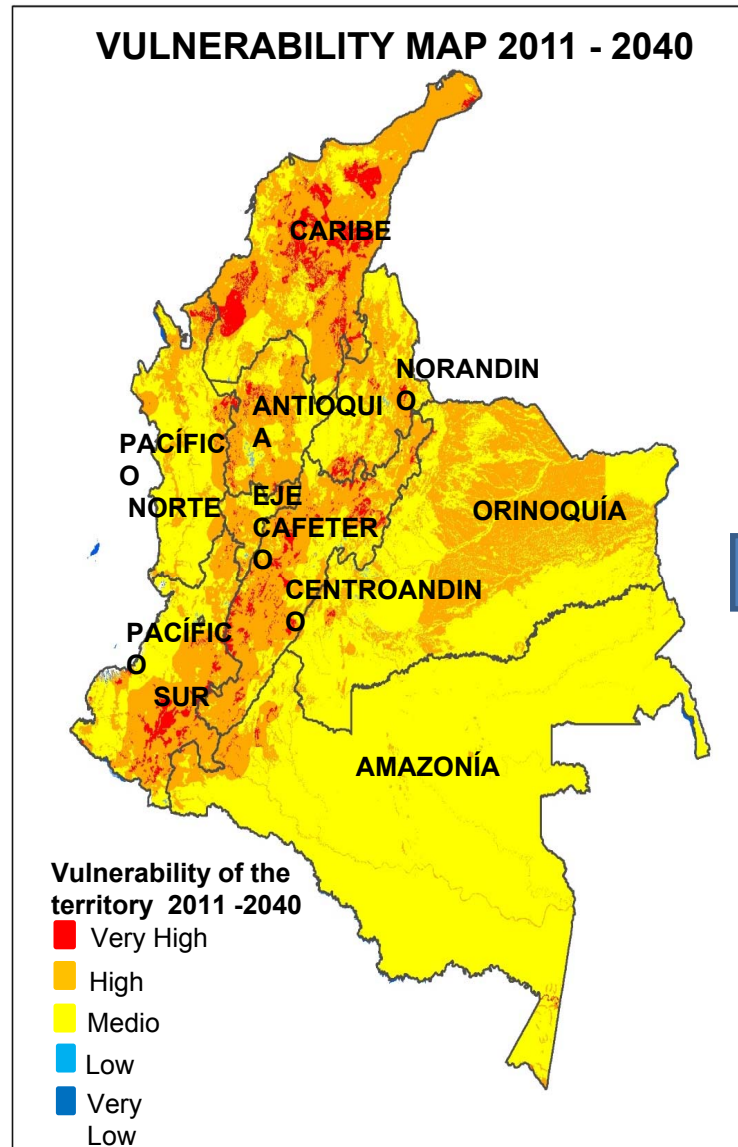
Institute for Hydrological, Meteorological and Environmental Studies (IDEAM)

National Unit for Disaster Risk Management (UNGRD)

Coordination and Information Management

# National Plan for Climate Change Adaptation





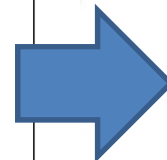
Comprehensive Regional Plan of Climate Change, Capital Region



Climate Change Plan



Climate Change Plan



Integrated Risk Management and Climate Change Adaptation Caribbean



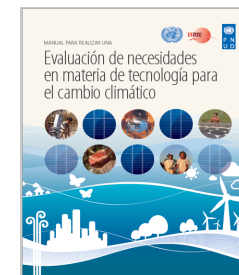
Adaptation to Climate Change Plan of Cartagena



Risk reduction and climate change vulnerability in the Depression Momposina



Evaluation of Technology Needs for Adaptation to Climate Change – San Andrés y Cartagena



# National Plan for Climate Change Adaptation



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## **Development of a National System of Indicators for Climate Change Adaptation**

Develop a System of Indicators that allows the evaluation and monitoring of the implementation of Climate Change Adaptation Actions, monitoring changes (reduction of exposure, sensibility and increase in adaptive capacity) in specific regions/cities of the country, including a geographical component that would offer the opportunity to make regional analysis of vulnerability and watch over the progress of implemented actions.

- The country is working towards the generation and accessibility to different sources of information including regional, sectoral, socio-economical, risk and bio-physical related with the implementation and continuous functioning of the System.
- The development of the project aims to close the gaps between information and verification with the help of a System of Indicators.
- In this context, we need the support of a team of experts to design the indicators and the structure of the System that will work in coordination with different institutions.

**Adaptation Project Submitted to the CTCN**



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# Pablo Vieira Samper

Vice-Minister

Ministry of Environment and Sustainable Development of  
Colombia



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