

# NDC *INVEST*

Regional action that inspires the world



## Supporting NDC development in Latin America and the Caribbean



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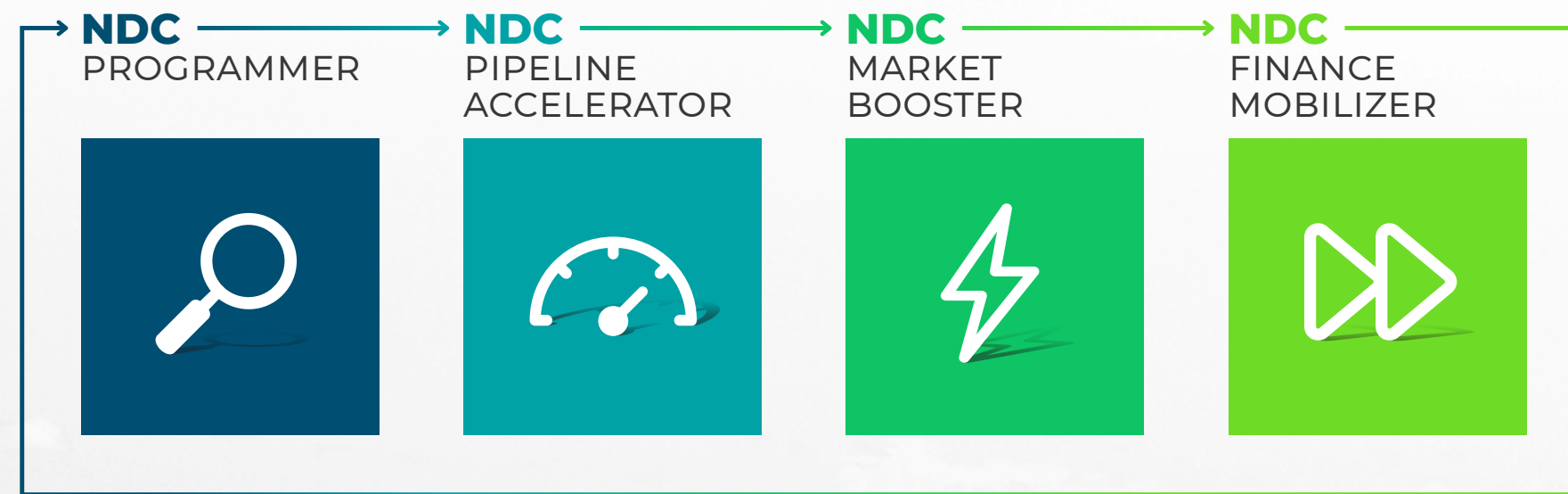
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# NDC INVEST GENERAL ASPECTS

**NDC INVEST** is a unique platform consisting of four components, which supports countries to define their climate goals and turn them into achievable plans to accelerate the transformation towards prosperous, resilient and carbon neutral economies by 2050.



Climate-resilient development with net-zero emissions can bring greater economic opportunities.

## How to achieve this?

Developing and implementing long-term decarbonization strategies.

## How does NDC INVEST help us to get there?

- **Thinking local:** strengthening the local capacity of governments and academic institutions to develop long-term strategies
- **Planning ahead:** designing convincing, fair and achievable long-term strategies
- **Acting now:** designing financial strategies and investment plans, which help to meet the agreed targets



The scientific community has made a clear call on the urgency to achieve net-zero emissions by 2050 and has pointed to the tools that can help countries to decarbonize on time.

Through **NDC INVEST**, the **IDB** is helping countries to strengthen their capacity to analyze, plan and implement long-term strategies to support the transformation towards carbon neutral and climate-resilient economies.

## PRINCIPLES:



Science-based



Iterative  
and  
consultative



Tailored  
to country  
context



Considers  
specific actions  
for the short,  
medium and  
long term



Responds to a  
just transition  
and broader  
development  
objectives

## NDC UPDATE SUPPORT:

The design of the new generation of NDCs needs to adopt an approach that includes relevant elements to facilitate implementation, enhance ambition, and lead the way to transformational change

The key elements for raising ambition being promoted by NDC *INVEST* are:

- **Alignment of the new iteration of NDCs to long-term strategies for net-zero emissions and climate-resilience**
- **Design, execution and monitoring of the updated NDCs by an effective institutional framework**
- **Early engagement of stakeholders from all sectors**, including the private and the financial sector, in the design of the NDCs for effective implementation
- **Development/improvement of transparency mechanisms to enhance ambition**
- **Design and alignment of a financial strategy**, including an investment plan, considering the financial needs of the different sectors


The support for transformation is provided by the following process, with the active involvement of relevant stakeholders:

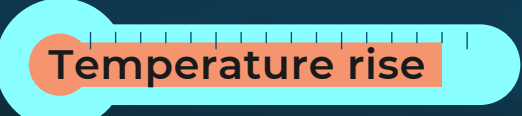
- **Stocktaking:** Assessment of NDC1 progress, analysis of current governance structures, and main shortcomings and gaps undermining the implementation of the Paris Agreement
- **Design and strengthening of long-term planning:** Alignment to long-term net-zero and resilience goals. Political economy analysis and identification of challenges and opportunities
- **Design of transformational NDCs:** New realistic targets, specific measures, and indicators
- **Implementation:** Identification of implementation options and possible financing instruments

# SURINAME AT A GLANCE




Expected impacts  
of climate change:


  
Sea level rise **1** meter by **2100**

  
Temperature rise  
from **0.8** to **2.0** by 2050


Changing  
precipitation  
patterns  
ranging from **-22**  
to **+14**  
mm  
/month  
by 2050


  
**90%** of the population, major economic activities, and infrastructure are concentrated along the low-lying and heavily urbanized coastal zone

With **93%** forest cover, Suriname is considered a high forest cover and low deforestation country (HFLD)



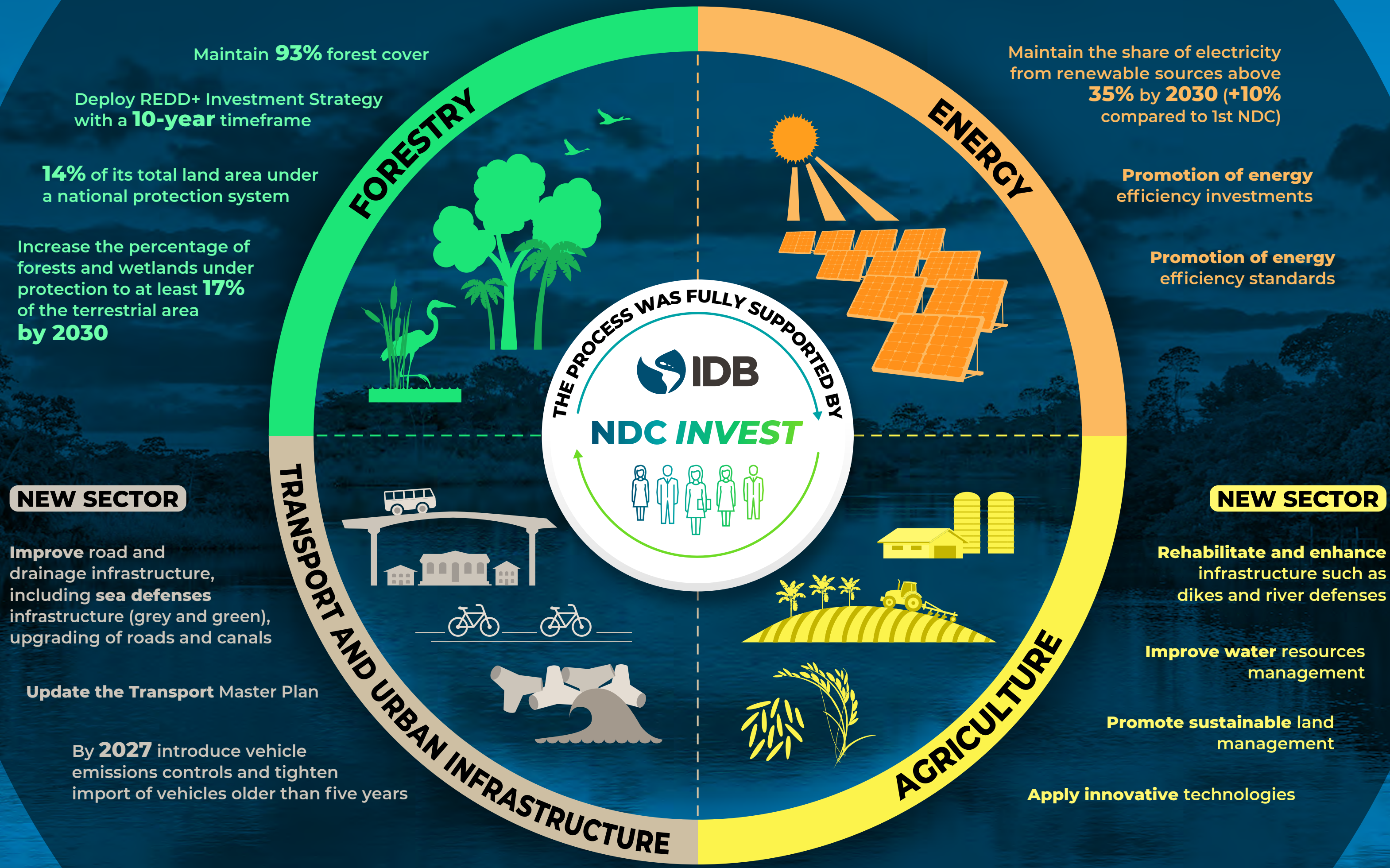
Commodities-based economy

  
Mainly mining and oil extraction

  
Sectors like that of housing and infrastructure, agriculture, water, energy, tourism, and health, will suffer significant impacts from climate change

Government of Suriname (2020). Nationally Determined Contributions 2020. Coordination Environment, Cabinet of the President of the Republic of Suriname.

# NDC UPDATE IN SURINAME - BY SECTOR



ALIGNED WITH THE SECTORS PRIORITIZED IN THE NATIONAL ADAPTATION PLAN (NAP)



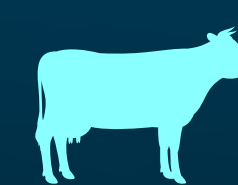
Water Resources



Sustainable Forestry



Energy and Agriculture



Livestock and Fisheries

# NDC UPDATE IN SURINAME

## GUIDING PRINCIPLES:



### AMBITION

The new NDC includes 2 new sectors, agriculture, and transport, which account for 70% of the country's GHG emissions



### EFFECTIVENESS

Suriname's contributions have been designed according to the national governance frameworks, namely, the Policy Development Plan 2017-2021, the National Adaptation Plan (NAP), and the Climate Change Policy, Strategy and Action Plan (NCCPSAP) (2014-2021)



### PARTICIPATIVE

The update process included 3 NDC dialogues with relevant stakeholders, including indigenous communities



### IMPLEMENTABLE

The NDC is framed in an implementation and investment strategy

## MEANS OF IMPLEMENTATION:



### TECHNOLOGY TRANSFER

Suriname is in the process of identifying and prioritizing mitigation and adaptation sound technologies for the water, energy, agriculture, and infrastructure sectors



### CAPACITY BUILDING

The NDC echoes Suriname's Policy Development Plan call to invest in human capital to face the challenges of climate change



### FINANCIAL SUPPORT

18 projects from all the NDC sectors have been identified during the NDC updating process. These projects serve as the basis for a potential structured investment plan that will allow Suriname to meet its commitments

# HOW CAN THE IDB SUPPORT THESE GOALS?

## CURRENT OPERATIONS SUPPORTING THE IMPLEMENTATION OF THE NDC

### MAINSTREAMING CLIMATE CHANGE IN SUSTAINABLE DECISION MAKING TOOLS

**Implementation period:** 2019 – 2021

The objective of the operation is to support the mainstreaming of climate change in the National Development Plan of Suriname to enable evidence-based decision-making that is inclusive and transparent, and that takes into consideration the impacts of climate variability in multiple sectors.

#### MAIN ACTIVITIES:

- Preparation of the State of the Environment Report with special emphasis on the impact of climate change and development related capacity building
- Strengthening institutional development especially of the National Environmental Authority
- Preparation of a strategy for adaptation measures along coastal areas
- Development of climate financing project proposals

### CONSOLIDATING A SUSTAINABLE ENERGY SECTOR

**Implementation period:** 2020 – 2025

The objective of the operation is to improve rural economic development, by ensuring adequate and modern access to sustainable electricity to enhance the living conditions of the rural population while improving the rural business environment with better provision of electricity as a public service.

#### MAIN ACTIVITIES:

- Advance the implementation of energy reform through support to the Energy Authority of Suriname (EAS)
- Increase the reliability of the power system and promote the diversification of the energy matrix through financing pre-investment activities related to Renewable Energy (RE) and Natural Gas (NG)
- Expand electricity coverage through a combination of grid extension and off-grid- systems, increasing the provision of RE systems



# OPPORTUNITIES TO SUPPORT THE IMPLEMENTATION OF THE NDC

## BLUE CARBON AND BIODIVERSITY CONSERVATION IN SURINAME

- **Mangrove restoration** has the potential to store “**blue carbon**”, serve as a natural barrier from floods to urban areas, and to contribute to biodiversity **conservation**
- **Building with Nature** approach (BwN): Sediment Trapping Units (STU) as natural infrastructure to **restore mangroves** and increase **blue carbon** sinks
- Areas in the Upper Paramaribo, Wanica and Nickerie could be **potential sites** for the implementation of **blue carbon** projects
- Projects should promote the involvement of **local communities**, the **private sector**, and the **scientific community**
- **IDB** is exploring the possibility to expand its portfolio of **blue carbon** and **blue economy** projects in Suriname by assessing the main industrial and technological trends related to the **Blue Economy**. Potential collaborations with the Department for Environment, Food and Rural Affairs of the United Kingdom are also being explored

## URBAN RESILIENCE OF PARAMARIBO

- The historic center of **Paramaribo** was declared a **World Heritage Site** in 2002 by **UNESCO**
- The city is prone to flood and other climate change-related phenomena
- The site presents **opportunities** for the **implementation** of hard measures such as flood walls, the promotion of **green infrastructure** such as mangroves and the mainstreaming of adaptation in urban planning
- Since 2017, the Housing and Urban Development Division (HUD) of the **IDB** has been **supporting** the Government of Suriname in setting the foundations for urban resilience in Paramaribo with the project **Paramaribo Urban Rehabilitation Program**



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