



MINISTRY ENVIRONMENT
AND NATURAL RESOURCES

Forest Carbon Partnership Facility

Dominican Republic

ER-PIN Early Idea

Ninth Meeting of the Carbon Fund (CF9)

Paris

April 2015

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Context of ER-Program Development in DR

1. Surface area: 48,190 sq. Km;
2. Population: 9.5 million;
3. Forest cover : 39.7 %(19,127.8 km²);
4. Causes of deforestation: land use change, livestock, agriculture, forest fires, and illegal logging;
5. Annual net afforestation: average annual increase of 1% in the last 15 years;
6. Floristic diversity: 9,177 species of vascular and non-vascular plants, of which 2,050 are endemic species (34.1%).

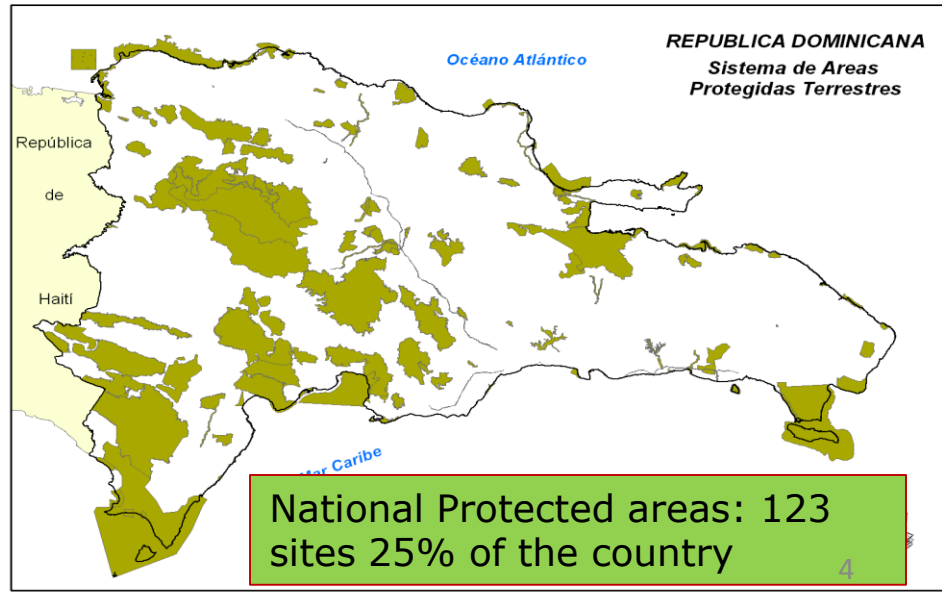
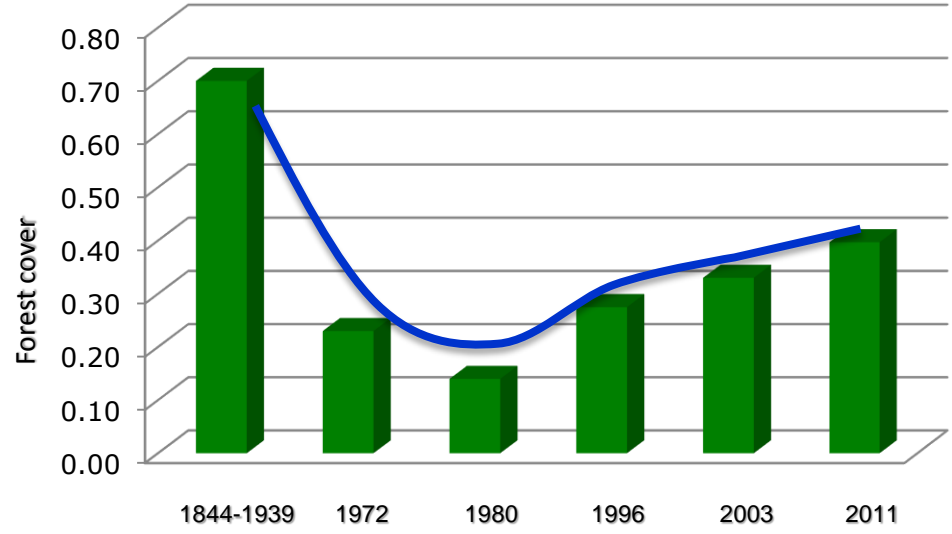


Program Highlights (1/2):

Current Reforestation and Protected Areas sites



Reforestation effort: 54,300 ha on average per year



National Protected areas: 123 sites 25% of the country



Program Highlights (2/2): Four strategies for ER-Program

Investment in forests

- USD 8.0 M/year in reforestation and forest protection
- USD 6.0 M/year in protected areas

Quisqueya Verde Program Achievements

- Increased forest cover by 1% per year over the last 15 years
- 99,196 hectares reforested between 1997-2011
- More than 9,000 direct and 12,000 indirect jobs created
- 14,000 families benefited directly so far

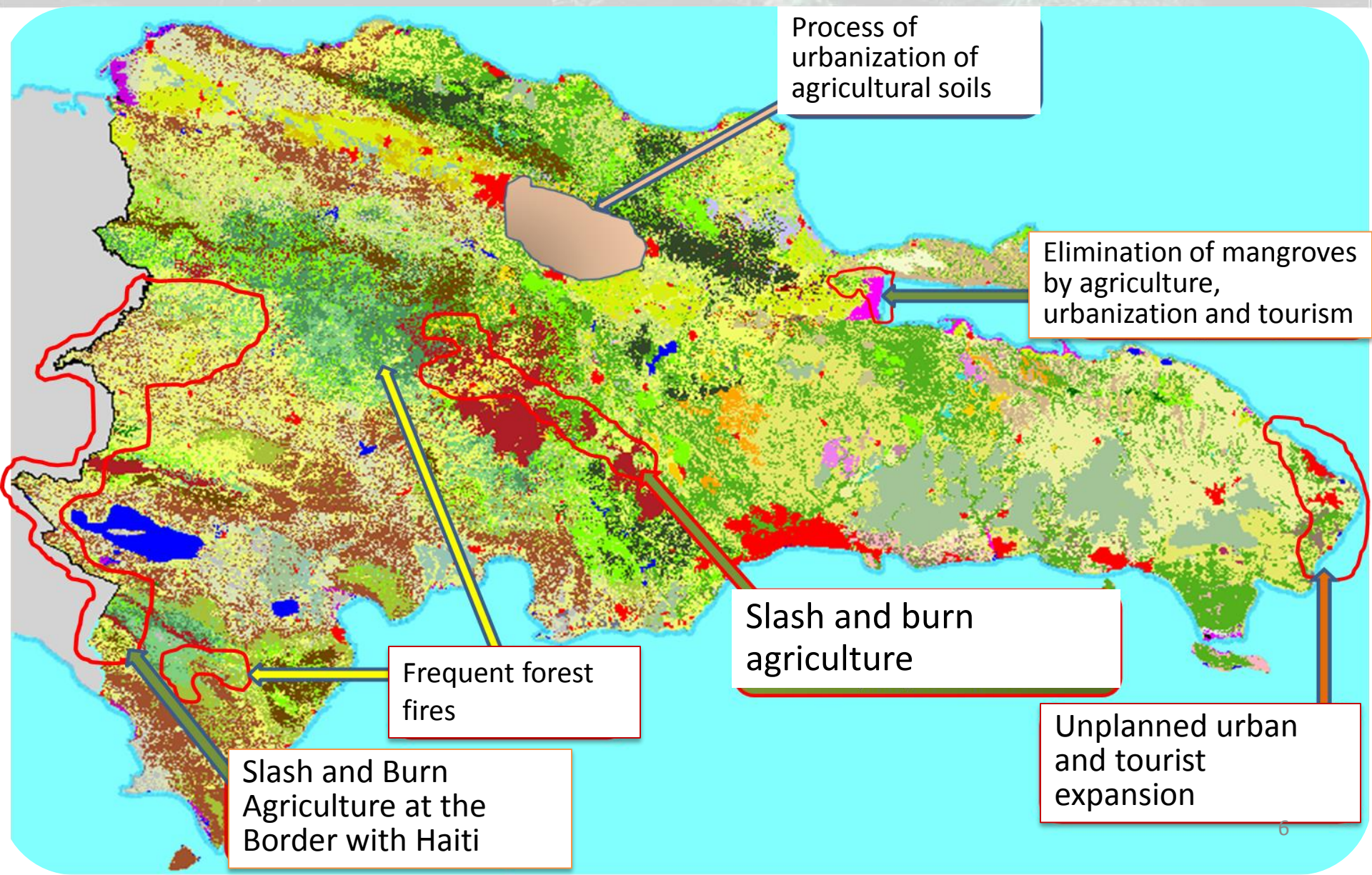
Sustainable Forestry Management

- Granting certificates that guarantee the right to private use of planted forests.
- 921 forest management plans in private farms covered with *Pinus occidentalis*.

Private Sector Participation and PES

- Private sector with a key role to enhance removals of CO₂ through sustainable forest use and support entrepreneurial ventures.
- The ER-Program will scale up the Payment for Environmental Services program nationwide.

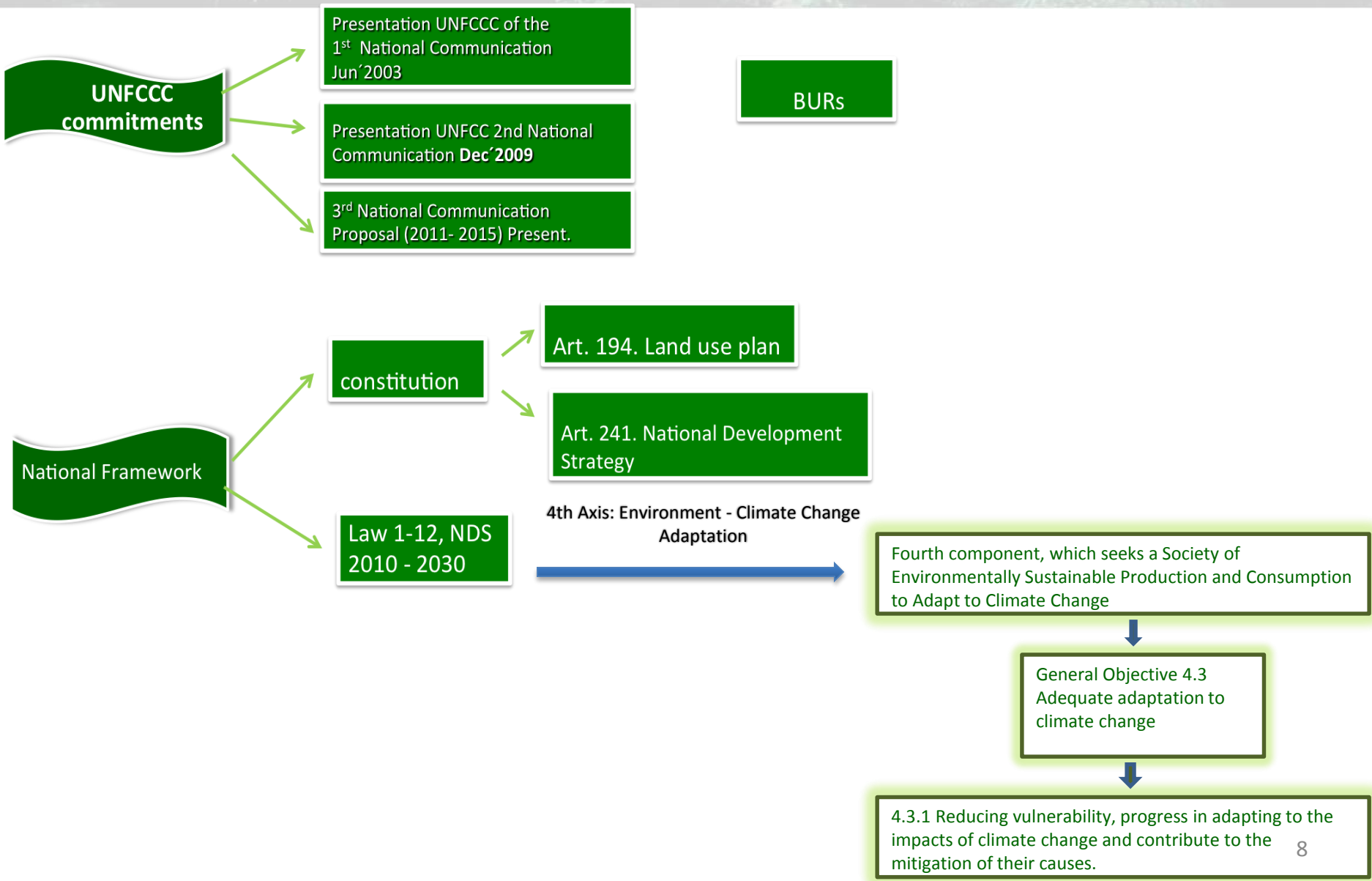
ER-PROGRAM SCALE: NATIONAL



Avoided Deforestation and Degradation Activities on ER-Program

POLICY OPTIONS	ACTIVITIES	PROGRAMS TO BE STRENGTHENED
Policies to address agriculture and livestock as drivers of deforestation and degradation	Promote productive activities compatible with conservation and sustainable livelihoods	<ul style="list-style-type: none"> • Sustainable Forest Management Program, • Strategy for the Sustainable Management of Soil
	Restore degraded lands and protect critical areas	<ul style="list-style-type: none"> • Reforestation Plan Quisqueya Verde, • Reforestation Plan Frontera Verde, • Fire Management Program
Sectorial policies to increase and capture forest rent	Manage protected and other conservation areas	<ul style="list-style-type: none"> • National System of Protected Areas
	Empowerment of society to care, and use rationally forest resources	<ul style="list-style-type: none"> • Co-management of protected areas / Caribbean Biological Corridor
Transversal policies governing land use	Strengthen political, legal and institutional frameworks for forest management with effective participation of stakeholders	<ul style="list-style-type: none"> • National Forest Management Program, • Roundtable on forests
	Strengthening forest governance and equity	<ul style="list-style-type: none"> • National Forest Management Program
	Establish a national surveillance, monitoring and control system of the forest for fire management and to reduce illegal trade in forest products	<ul style="list-style-type: none"> • National Environmental Protection Service, • National Forest Monitoring Program, • National GHG Inventory System

Political Commitment and Legal Framework (1/3): Set in Place for an ER-Program



UNFCCC commitments

Presentation UNFCCC of the 1st National Communication Jun'2003

Presentation UNFCCC 2nd National Communication Dec'2009

3rd National Communication Proposal (2011- 2015) Present.

BURs

National Framework

constitution

Art. 194. Land use plan

Art. 241. National Development Strategy

Law 1-12, NDS 2010 - 2030

4th Axis: Environment - Climate Change Adaptation

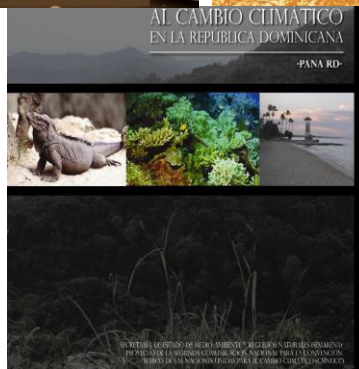
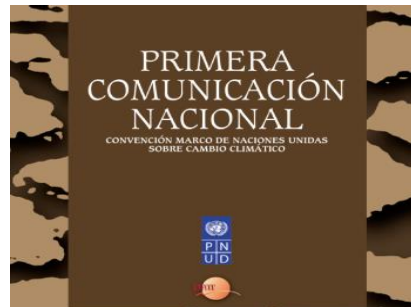
Fourth component, which seeks a Society of Environmentally Sustainable Production and Consumption to Adapt to Climate Change

General Objective 4.3 Adequate adaptation to climate change

4.3.1 Reducing vulnerability, progress in adapting to the impacts of climate change and contribute to the mitigation of their causes.

Political Commitment (2/3):

DR's proposal builds on a strong legal and institutional support to achieve emission reductions



- Creation of the Climate Committee (ENR Ministerial Resolution 2002)
- Creation of the National Council for the Climate Change and the CDM (Decree 601-08).
- Creation of the Climate Change and CDM Directorate of the Ministry of Environment & Natural Resources (Resolution 011-2010).
- Insertion in the Constitution of the Dominican Republic – Article 194:
“It is a priority of the Dominican State the formulation and execution, by law, of a land use plan that ensures the efficient and sustainable use of natural resources of the Nation, consistent with the need to adapt to climate change”.
- Climate Change Compatible Economic-Development Plan (2011)

Political Commitment (3/3): Institutional Arrangements in advanced stage

REDD+ Steering Committee

- Ministry of Environment and Natural Resources
- Ministry of Agriculture
- Ministry of Finance Planning and Development

Advisory Technical Committee for REDD+ (CTA-REDD+)

- Public institutions
- Civil society organizations
- Private sector entities

Technical Management Unit of the R-PP

Administrative Support
Division

Technical Support
Division

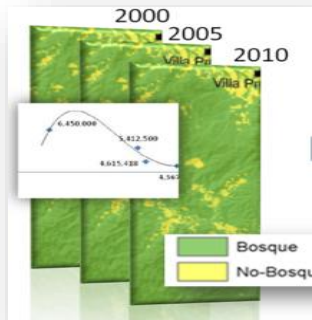
Progress towards Readiness

Readiness activities between 2012-2015	2012	2013	2014	2015	2016-2017
Analysis and definition of deforestation drivers					
Identification of actors and strategy options					
National deforestation emissions baseline					
Technical Monitoring Committee of REDD +					
Forest Monitoring Unit					
Training in RL and MRV					
National Forest Inventory based on REDD + criteria					
Quick win Programme for REDD+ actions in the pilot area of the upper basin of the Yaque del Norte River					
Establishment and operation of the REDD + mechanism as a permanent structure at the Ministry of Environment					
Early dialogue process and development of SESA					
Creation of a Steering Committee on REDD+ by Presidential Decree					
R-Package development					

Methodological Framework: Carbon Accounting - Reference Emissions Level in Progress

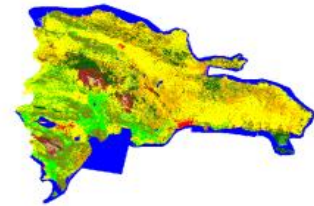
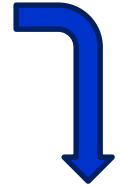
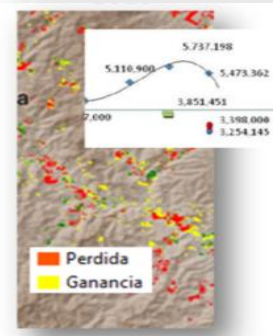
Map dynamics of forest cover change 2000 – 2005 - 2010

Multitemporal analysis



Future projection of the dynamics of change in forest cover

Loss / Gains

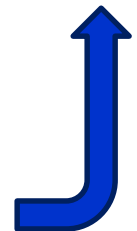


Reference Emissions Level (Baseline 2000-2010)

Map of forest types updated with high resolution RapidEye images (75%)



National Forest Inventories
Stratified by forest type and content of C
-Multipurpose- (30%)



Methodological Framework: Level of Ambition

Concept	Average annual (ha/yr). Reference period 2000 - 2010	Reference plus estimated increment of %15	Annual Emissions/Removals (million tCO ₂ e/yr)	Estimated Effectiveness of ER Program (%)	Annual estimated avoided Deforestation and Reforestation/Afforestation 2017-2020 (ha/yr)	Estimated annual Emission/Removals with Program (tCO ₂ e) 2017-2020	Estimated Emission Reductions (tCO ₂ e) 2017-2020	Carbon Reductions offered to CF 2017-2020 (million tCO ₂ e)	
DEFORESTATION	6,121		1,243,787	-50%	-3,061	-621,894	-2,487,574	100%	-2,48
REFORESTATION AND AFFORESTATION	62,457	60,828	412,216	80%	48,663	329,773	1,319,092	100%	1,32
TOTAL						943,068			3,8

Average emission factor	203.2 ton CO ₂ e/ha
Annual growth	6.6 tCO ₂ /ha

Methodological Framework:

Safeguards Progress to date

- A framework to promote early dialogue with stakeholders was developed in 2014. Currently it is being used for REDD+ strategy participatory development,
- Institutional arrangements for carrying out consultations and participation activities in the project area have been established ,
- Workshop to define a national approach to safeguards in the Dominican Republic was carried out on June 2014,
- Safeguards capacity building in August 2014 included targeted training and outreach to key sectors,
- In March 2015 a SESA National Workshop took place as part of the due diligence process of REDD+ Readiness,
- A proposal for a feedback and grievance redress mechanism has been included in the R-PP, and will be built based on existing mechanisms and institutions.

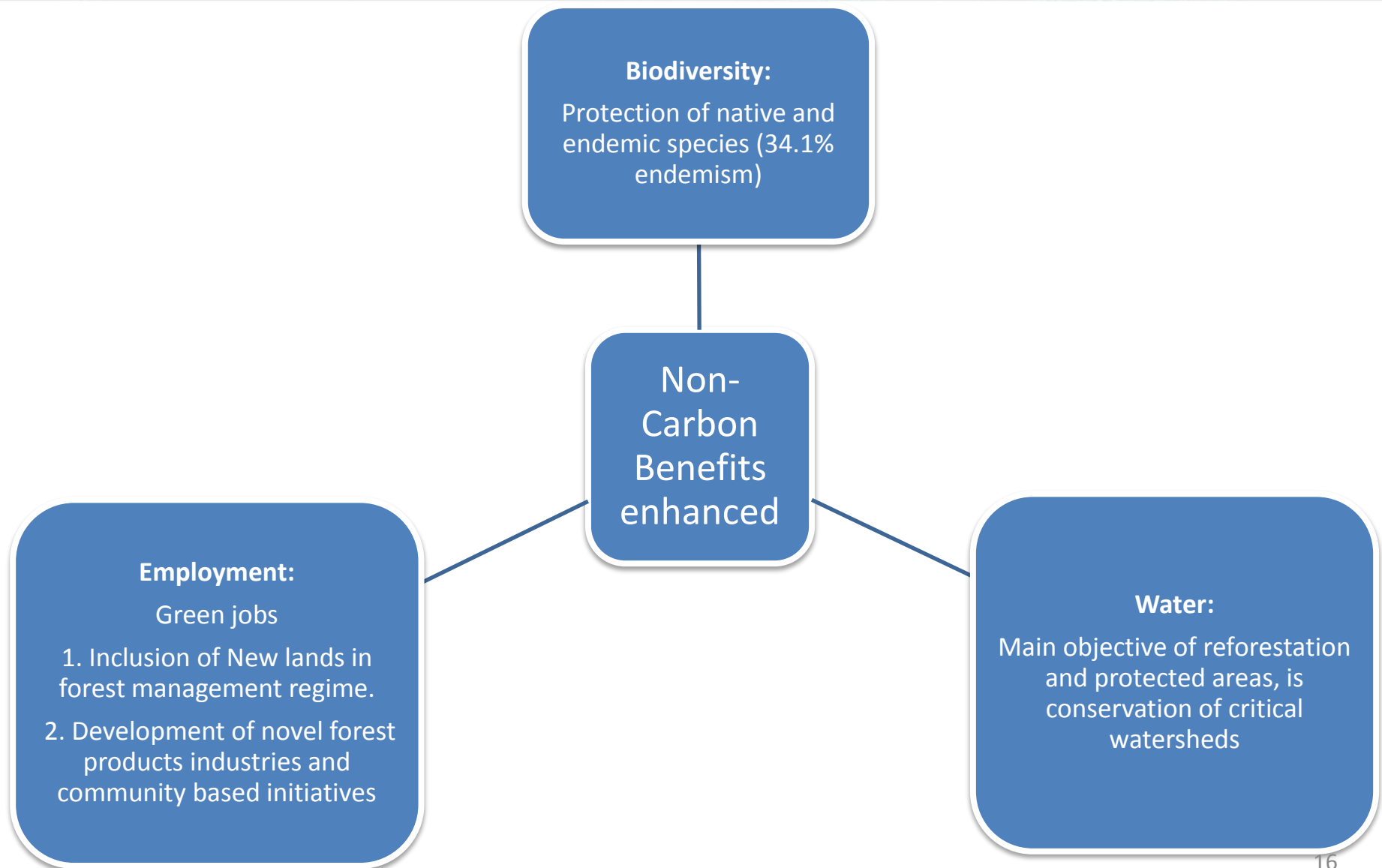
Methodological Framework:

Sustainable Program Design and Implementation

- Benefit Sharing mechanism based on: *payment for environmental services (PES) scheme of the basin of Yaque del Norte*
- Overview of Land and Resource Rights legislation: The Congress is reviewing the law to formalize the payment for environmental services scheme
- Land use law presented to congress will guide the development of land tenure mechanisms allowing for carbon ownership
- The PES scheme established a registry system of beneficiaries and payments that serve as a foundation for carbon payments



Non-Carbon Benefits:



Dominican Republic ER-Program Summary: Diversity and Learning Value

Dominican Republic is ready for early REDD+ implementation:

1. The country has a state policy strengthening for the last 30 years for the protection and development of forests leading to:
 - Political commitment of the Dominican government;
 - Institutional and legal strengthening of forest governance;
2. The whole country will benefit from the ER-Program, with a reforestation/afforestation target of 54, 311 ha/year for the next 15 years;
3. High interest in degradation of ecosystem services at:
 - Border Region with Haiti,
 - Central Cordillera,
 - Sierra Neyba
 - Sierra de Bahoruco,
 - Eastern Part of the Northern Range;
4. CF financing will contribute to the increase of forest cover from the current rate of 1% per year, to 1.15% per year over the next 15 years

Local Community Reforestation in DR

