



Ministerio de Ambiente, Vivienda y Desarrollo Territorial

Grupo de Mitigación de Cambio Climático

República de Colombia



COLOMBIA

**Ministry of the Environment,
Housing and Territorial Development**



Combined safeguards and sub-regional capacity building
workshop for REDD +

Quito, Ecuador

5-8 July 2011

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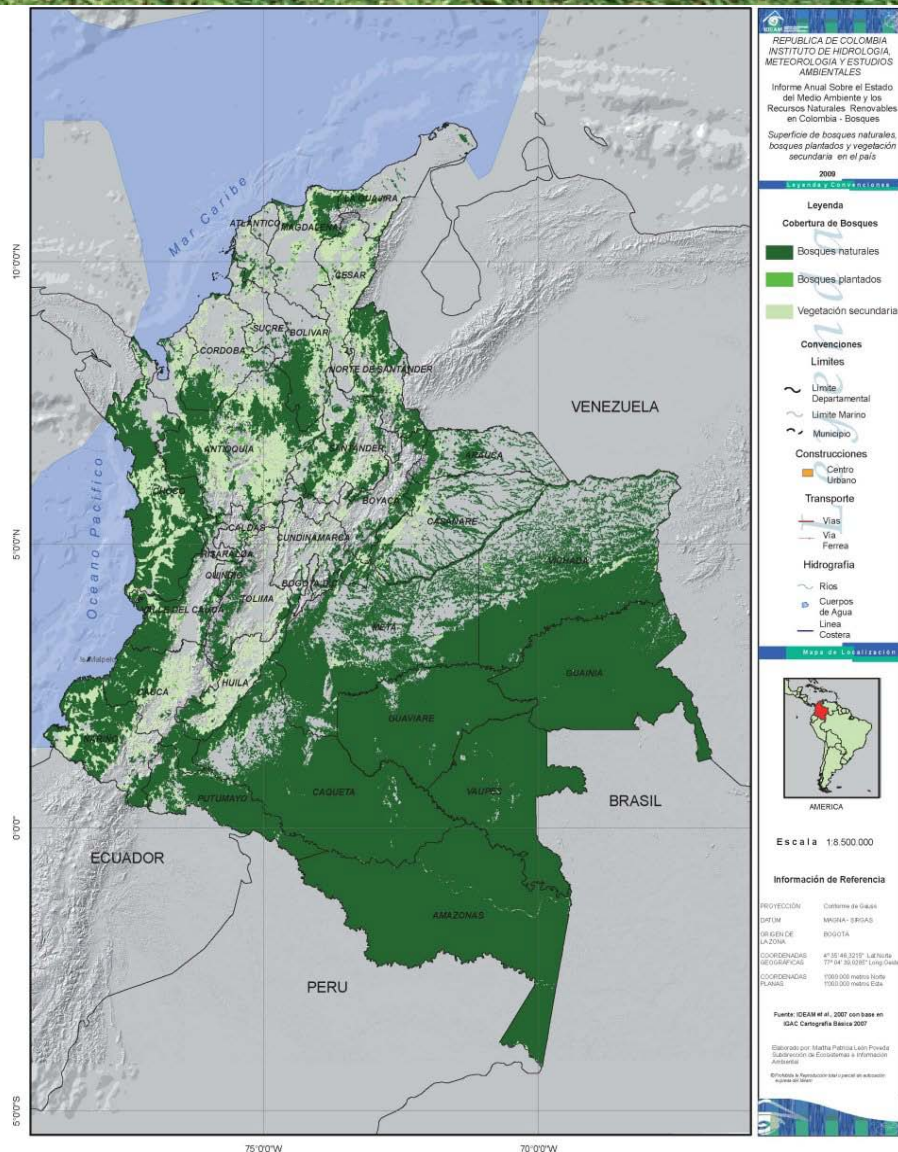
OUTLINE

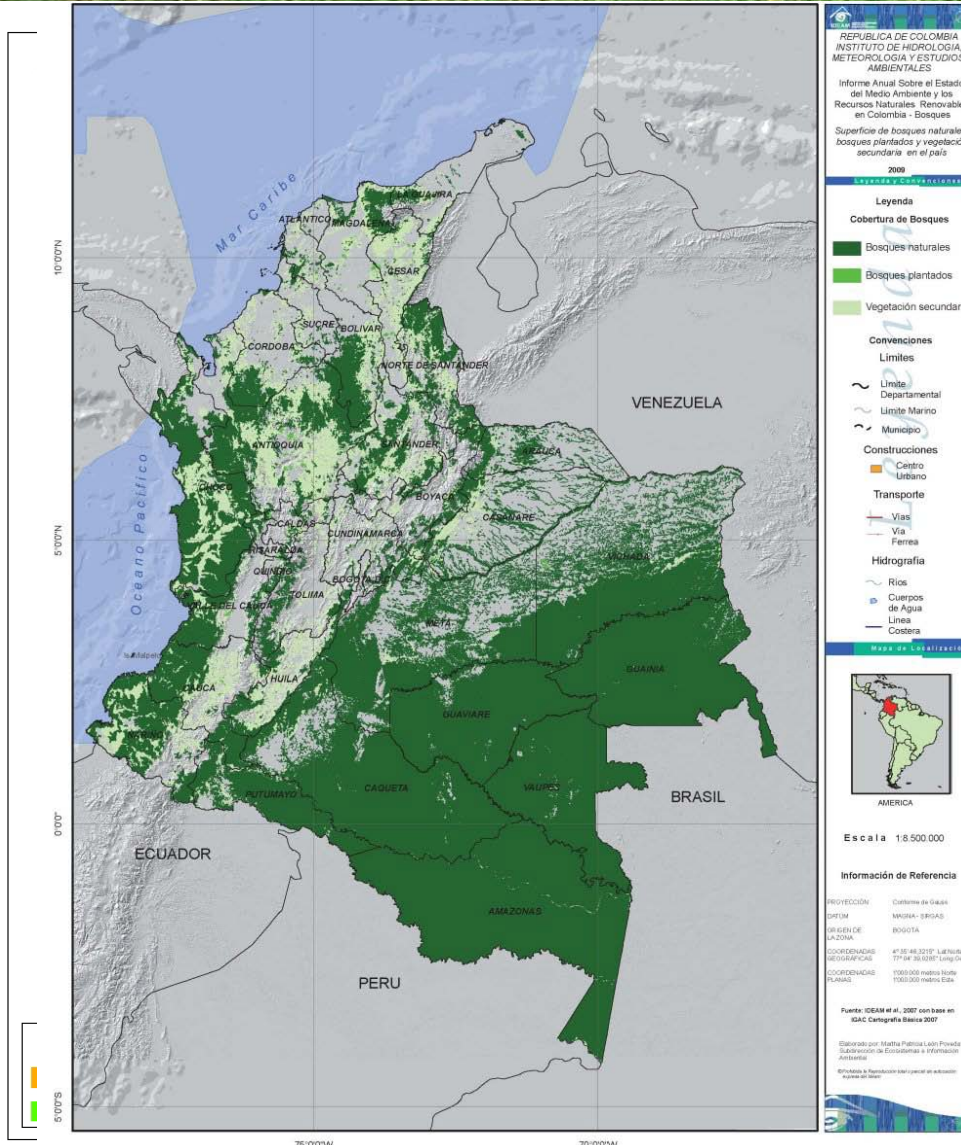
1. Colombia in brief
2. Early Dialogue on REDD+
3. Institutional Arrangements for REDD+
4. Deforestation and its Drivers
5. How to stop deforestation (strategy)
6. Rereference Level and MRV system



1. Colombia in Brief... Forest aspects

- 92 M ha Oceans
- 114 M ha Land
- 60 M ha Forests
- 46 M People





Colombia in Brief... Economy

- **Exportations:**
Petroleum, Coal,
agricultural goods
(crops/cattle)
- **Revenues:**
USD \$ 41,000 M



Cultural Diversity

Indigenous Peoples

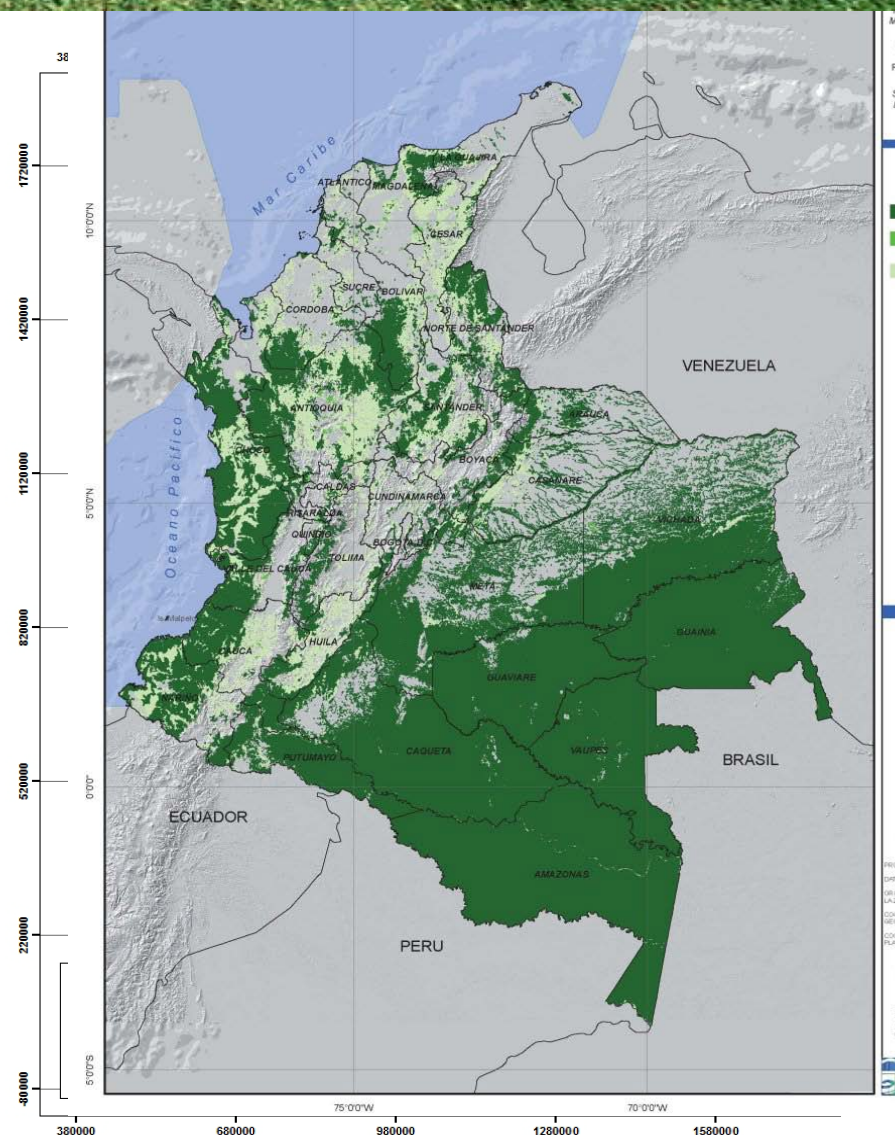
- 1.4 M people (3%)
- 30 M ha Legal titles(26%)
- 102 Indigenous tribes

Afro-colombian Groups

- 4.2 M people (10%)
- 1 M in Pacific (2%)
- 5.1 M ha Legal titles (4%)

Peasants and rural population

- 11M (24%)





Biological Diversity

Natural Regions

1. **Amazon** (Rainforest)
2. **Andean** (Mountain Forest)
3. **Caribbean** (Dry Forest, Savanna landscapes)
4. **Orinoquia** (Savanna landscapes)
5. **Pacific** (Rainforest)



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Colombia potencia por naturaleza



	1 ^{er} puesto	2 ^{do} puesto	3 ^{er} puesto	4 ^{to} puesto
Mamíferos (471)				
Aves (1865)				
Reptiles (524)				
Anfibios (698-733)				
Plantas (41,000)				
Peces* (1,921)				



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Colombia is Diverse by Nature...

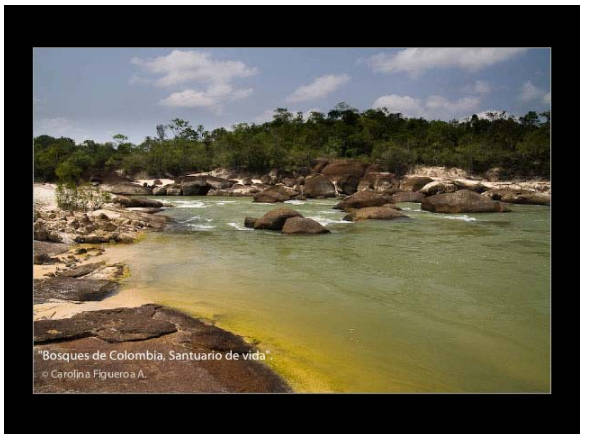




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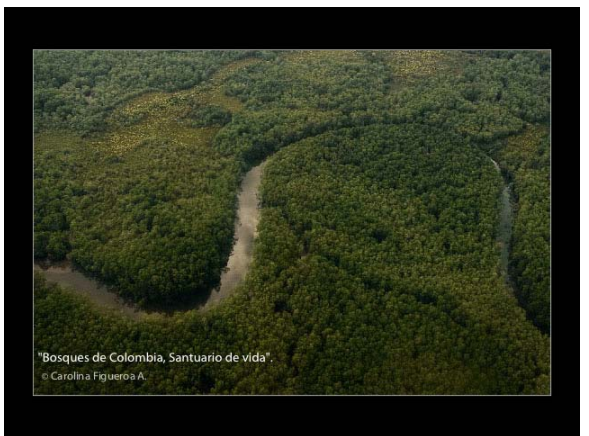
"Bosques de Colombia, Santuario de vida"
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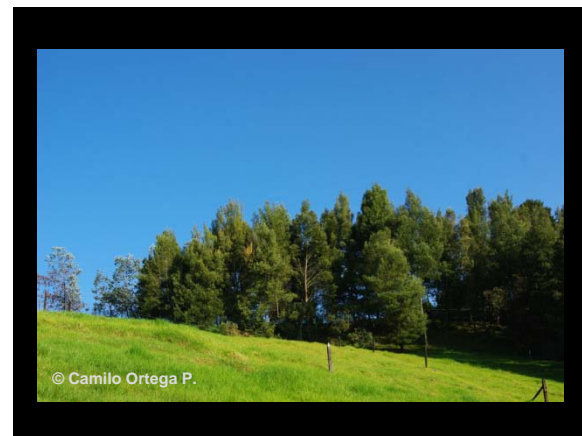
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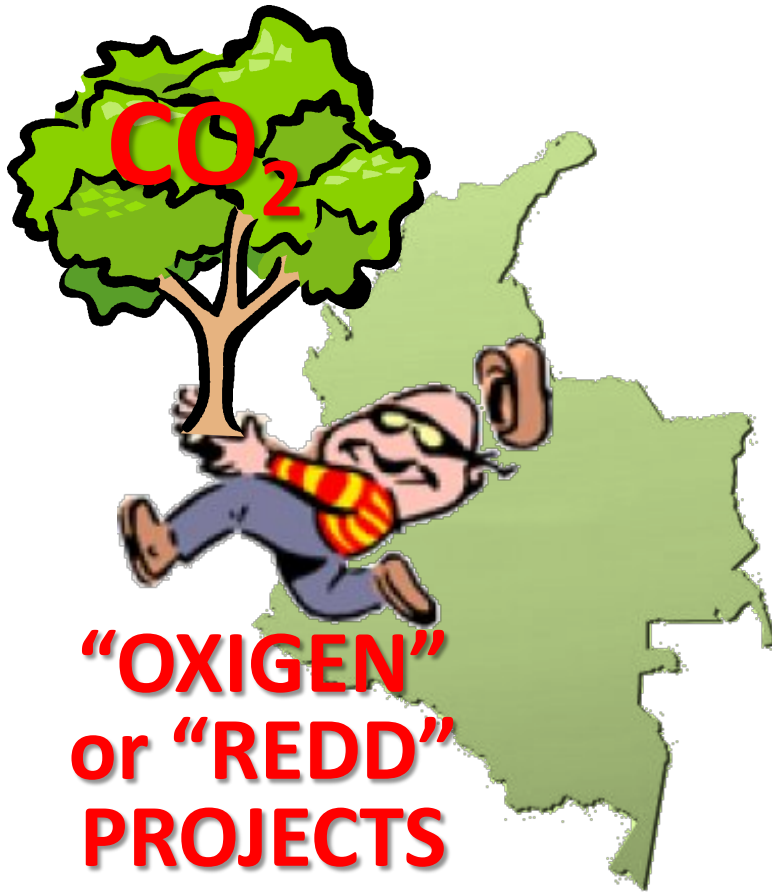
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Heads up!

- Attempts of fake transactions
- A LOT of money in the game
- Inequitable negotiations
- ALL OVER the Country
- Especially with local communities (notarized docs)
- Technical inconsistencies
- “Carbon cowboys” ?



Colombian Framework

- Highly Diverse country (cultural and biological)
- Vulnerable local communities with low incomes and high dependence on natural resources
- Huge expectations on REDD+ or forest projects revenue
- Considerable misinformation on CC and REDD+
- Potential violation of peoples' rights established in our constitution

We focus on early dialogue and participation process



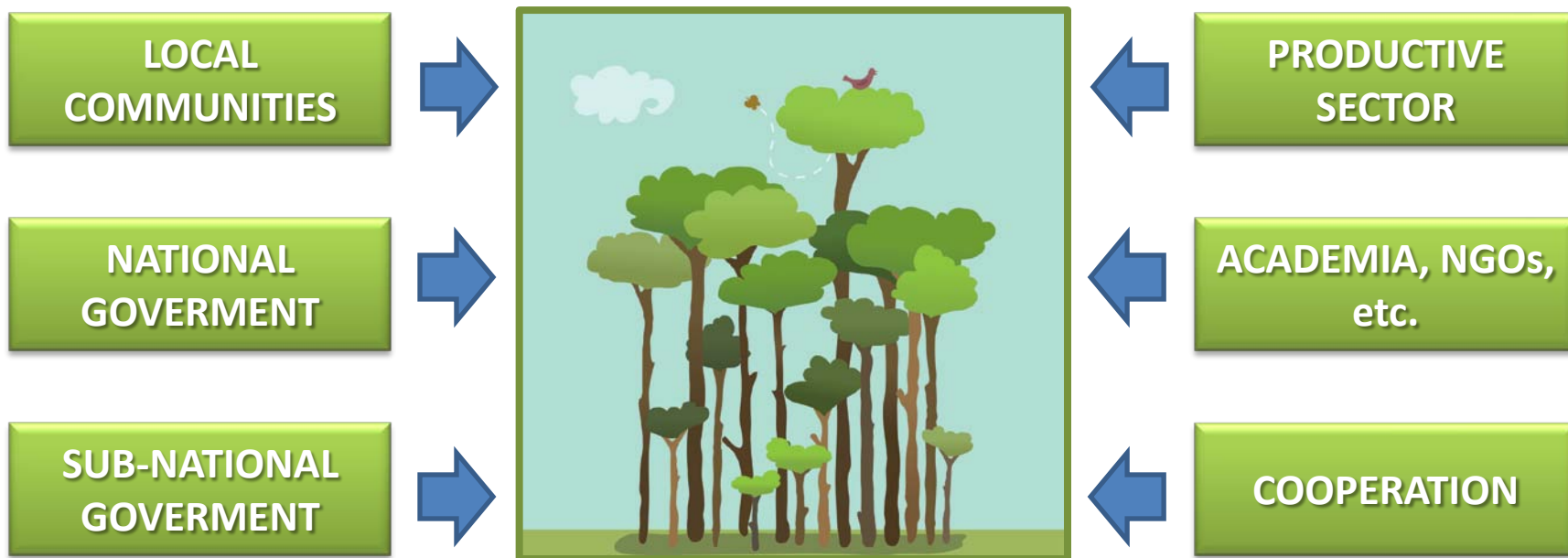
2. Early Dialogue

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FOREST STAKEHOLDERS





Early Dialogue (formulation phase)

- The only way to participate is having good information
- This dialogue must include ALL the diversity of stakeholders in our country
- It is the main strategy to counteract “carbon cowboys”
- And to consolidate good communication channels with communities and their representatives

TOPICS of Early Dialogue:

- Climate Change (basics, negotiations)
- Forests & Climate Change
- REDD+ (basics, PROS/CONS & concerns)



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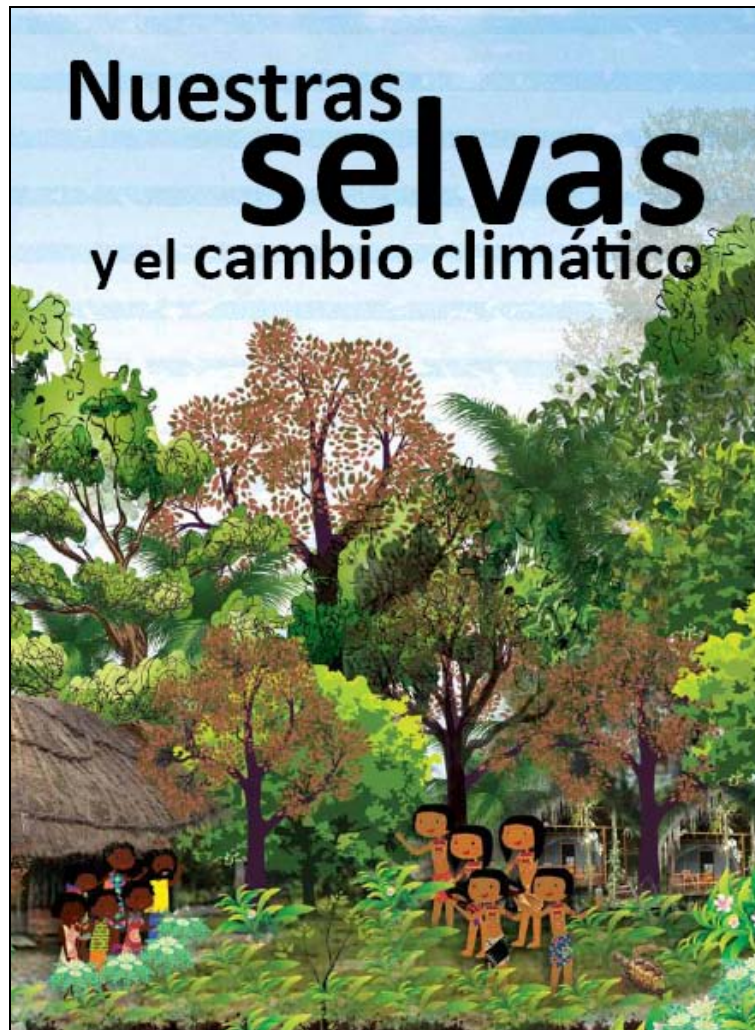
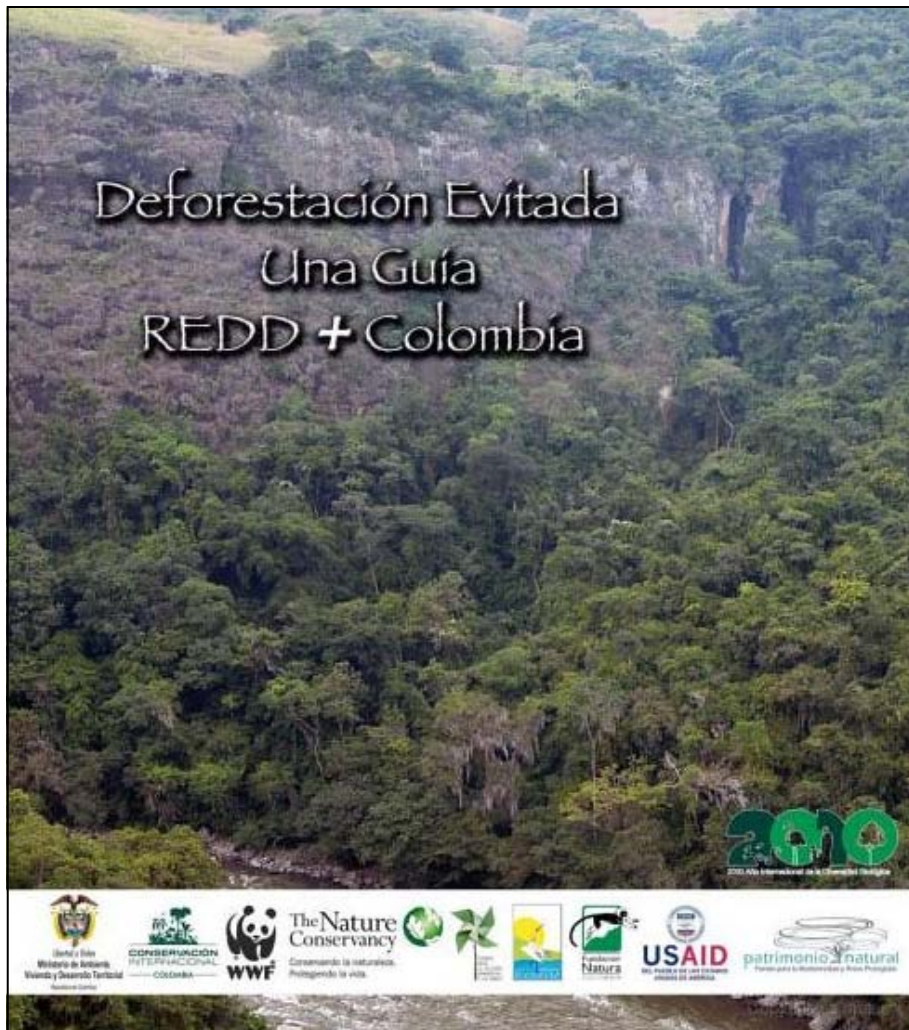
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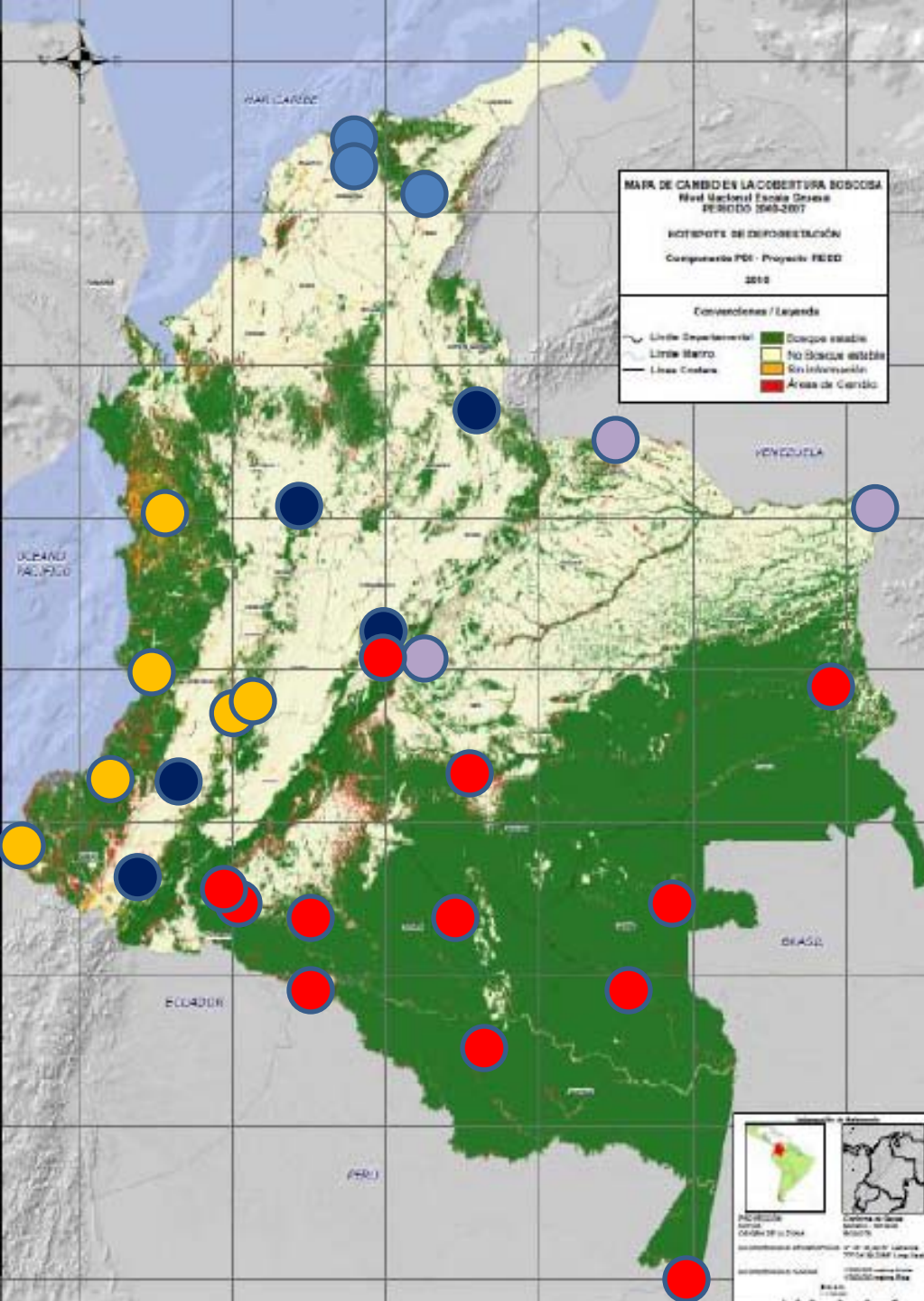
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Prosperidad
para todos



Early Dialogue

- To date more than 700 participants (20 events)
 - From 280 organizations
 - In all regions
1. Amazon (11)
 2. Pacific (6)
 3. Caribbean (3)
 4. Andean (5*)
 5. Orinoquia (3*)

* Under development Jun – Aug 2011



Early Dialogue, complex logistics





KEY Topics Identified for REDD+

**RESPECT FOR
COSMOVISION AND
CONCEPT OF
TERRITORIALITY**

**RESPECT FOR
AUTONOMY AND
AUTO-
DETERMINATION**

**RESPECT FOR
TRADITIONAL
PRACTICES**

**ADEQUATE AND
EARLY
ACCESS TO
INFORMATION**

**STRENGTHEN
LOCAL
INVOLVEMENT &
REDUCE INFLUENCE
OF
INTERMEDIARIES**

**MAXIMIZE
BENEFITS FOR BD
AND LOCAL
COMMUNITIES**



Consultation & Participation

- **Consultation is MANDATORY in Colombian Constitution, not just a FCPF requisite.**
- Consultation always requires early dialogue
- Early Dialogue DOESN'T mean consultation or consent
- Some laws didn't pass the constitutional requirements because they didn't comply consultation processes
- Due to our diversity and geographical complexity, consultation is costly (around USD \$ 3.5M in R-PP)
- Good advance, but lot of work to do with communities!



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REDD+ Institutional Arrangements



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REDD+ AND COLOMBIA'S CLIMATE CHANGE POLICY

Low Carbon
Development Strategy

REDD+ Strategy

Sectorial Mitigation

National Adaptation
Programme of Action

Ecosystem Based
Adaptation

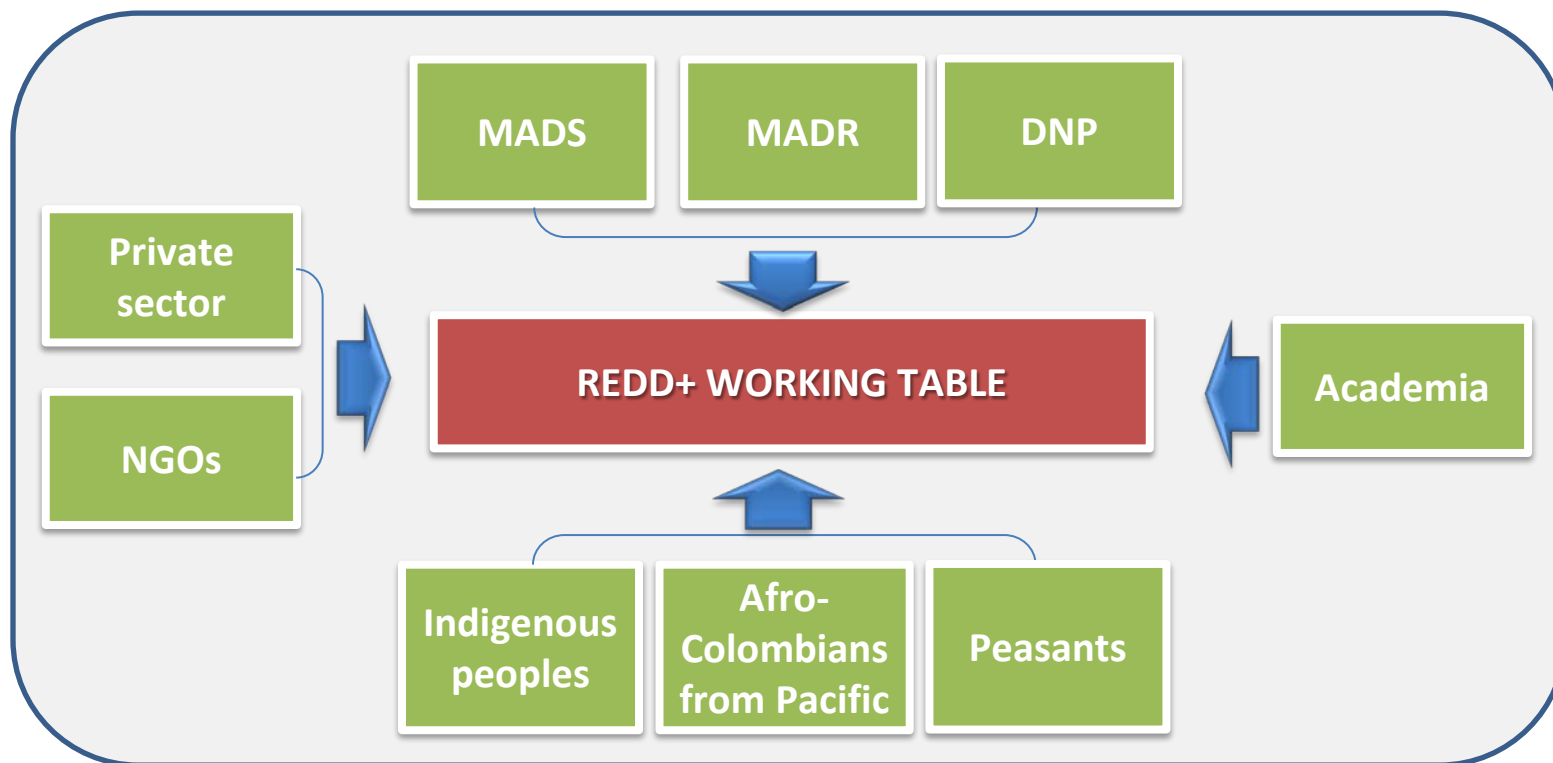
Sectoral and territorial
adaptation measures





REDD+ Institutional Arrangements

National Climate Change System / Territorial Sub-commission





INTERACTION BETWEEN REDD+ WORKING TABLE AND THEIR CONSULTATIVE GROUPS

Technical & Scientifically advisory group

IDEAM

Institutos
SINA

Otros



REDD+ WORKING TABLE



Thematic consultative groups

Mesa REDD+
Indígena

Mesa REDD+
Comunidades
Negras

Mesa REDD+
Campesinos

Data &
Information

Deforestation
drivers

Productive
alternatives



Regional Consultative groups

Amazónica

Andina

Caribe

Orinoquía

Pacífica



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DEFORESTATION & ITS DRIVERS

DEFORESTATION AND FOREST DEGRADATION

**Agricultural
frontier
advance**

**Colonization
– Migration**

**Illicit
Crops**

**Wood
extraction**

**Infra-
structure**

Mining

Forest fires

Demographic Factors

- Population growth
- Migration
- Population density

Economic Factors

- Market tendencies
- Low forest value perception
- High opportunity cost of productive activities
- Land speculation
- Limited economic capacity
- Logistic restrictions

Political & Institutional Factors

- Institutional weakness
- Limited enforcement capacity
- Government policies contradictions
- Incentives to production
- Deficient land planning/zoning

Technical Factors

- Low efficiency technologies
- Limited use of new technologies
- Low inclusion of environmental factors in production

Cultural Factors

- Forest Undervaluation
- Pressures to change Traditional practices
- Limited access to education and information



Elements of REDD+ Strategy

- Principles -

- REDD+ is NOT the only mechanism to tackle deforestation, it is part of a bigger effort from our country
- REDD+ actions do not bring new actions to conserve forest, it just coordinates previous actions
- We work as a Sub-national strategy to recognize the diversity and complexity of our country
- Communities rights must be guaranteed and their benefits maximized
- Transparency



How to stop Deforestation - Strategy -

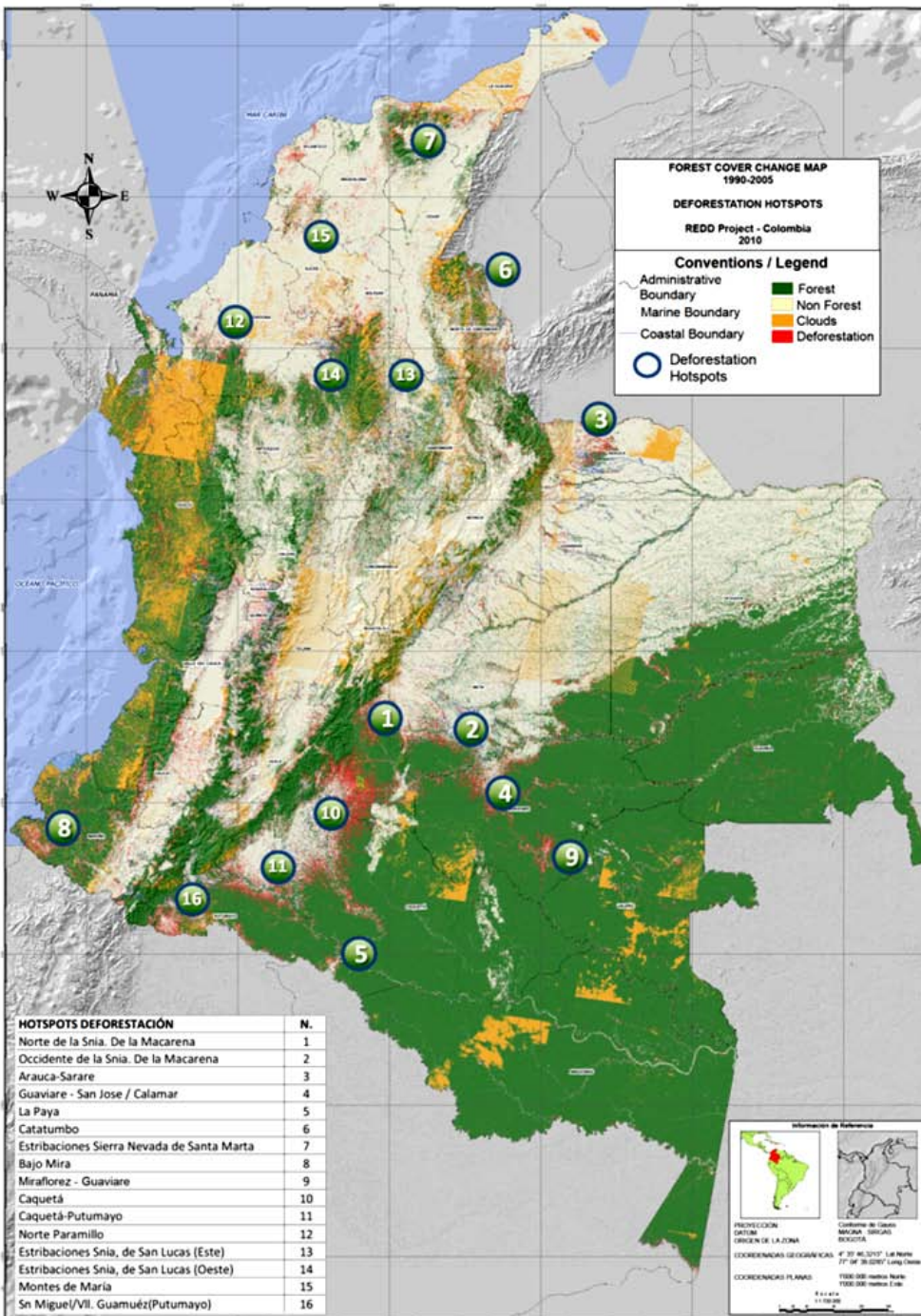
- Analytical work – Fill information Gaps
- Policy and incentives harmonization
- Strengthen enforcement
- Generate alternative and sustainable productive packages
- Give priority to traditional practices

Deforestation Fine National Scale

1990-2005

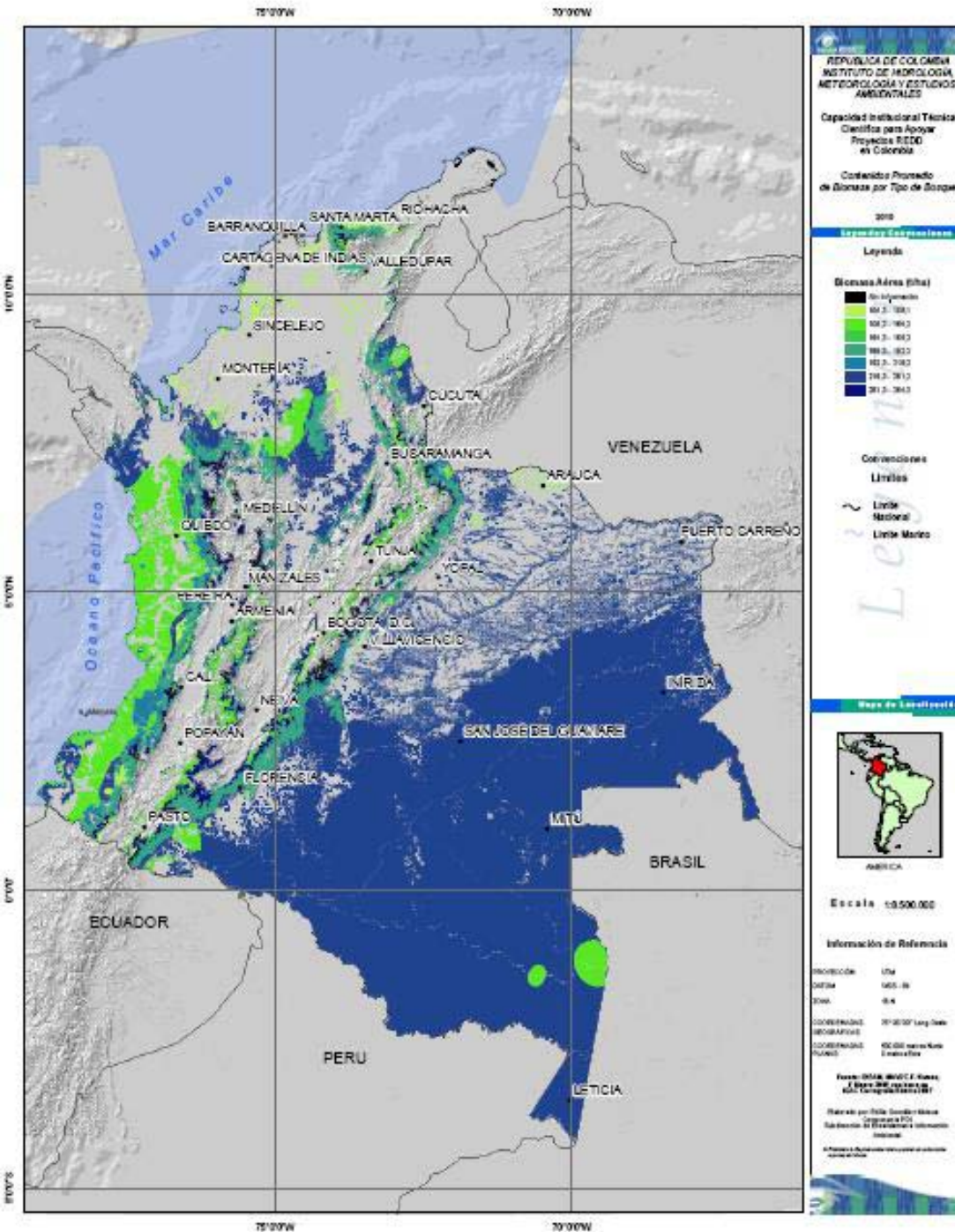
Deforestation HOTSPOTS

- Landsat based
- Oriented to quantify forest cover change areas (deforestation)
- Deforestation: 273.334 ha/year



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Biomass Stocks and Carbon Estimations

- Carbon contents between 52,2 t C ha⁻¹ and 132,2 t C ha⁻¹.
- 26.797.625.427 t CO₂e stored in our forests.





Reference Level & MRV system

- Need to guarantee the integration between the subnational and the national monitoring system
- Advanced protocols for Gross estimates of C Stocks & Deforestation
- Technical limitations due to cloud cover and others
- Further work needed, specially to work on degradation
- Monitoring multiple benefits is crucial for Colombia because of our cultural and biological diversity
- Cooperation sources needed for these components



Conclusions and way forward

- Consultation is a priority for our Country
- We need to tackle “carbon cowboys” ASAP. Ideas and cooperation are very welcome
- Uncertainties in REDD+ negotiations make R-PP preparation and implementation more difficult
- Information gaps, but the Readiness process will help to generate quantified information on it (Deforestation/Degradation drivers, opportunity cost, etc.)
- REDD+ is one tool, not a magic solution for all challenges in our country



Thanks for your Attention

COLOMBIA'S R-PP DRAFT Versions

Version 3.0: May 2011 <http://bit.ly/jgoRYE>

Version 2.0: April 2011 <http://bit.ly/erJiCA>

Version 1.0: March 2011 <http://bit.ly/fn6lCc>