



Ministerio
del Ambiente

REDD in Ecuador

Readiness on-going activities

Ministry of Environment
Republic of Ecuador

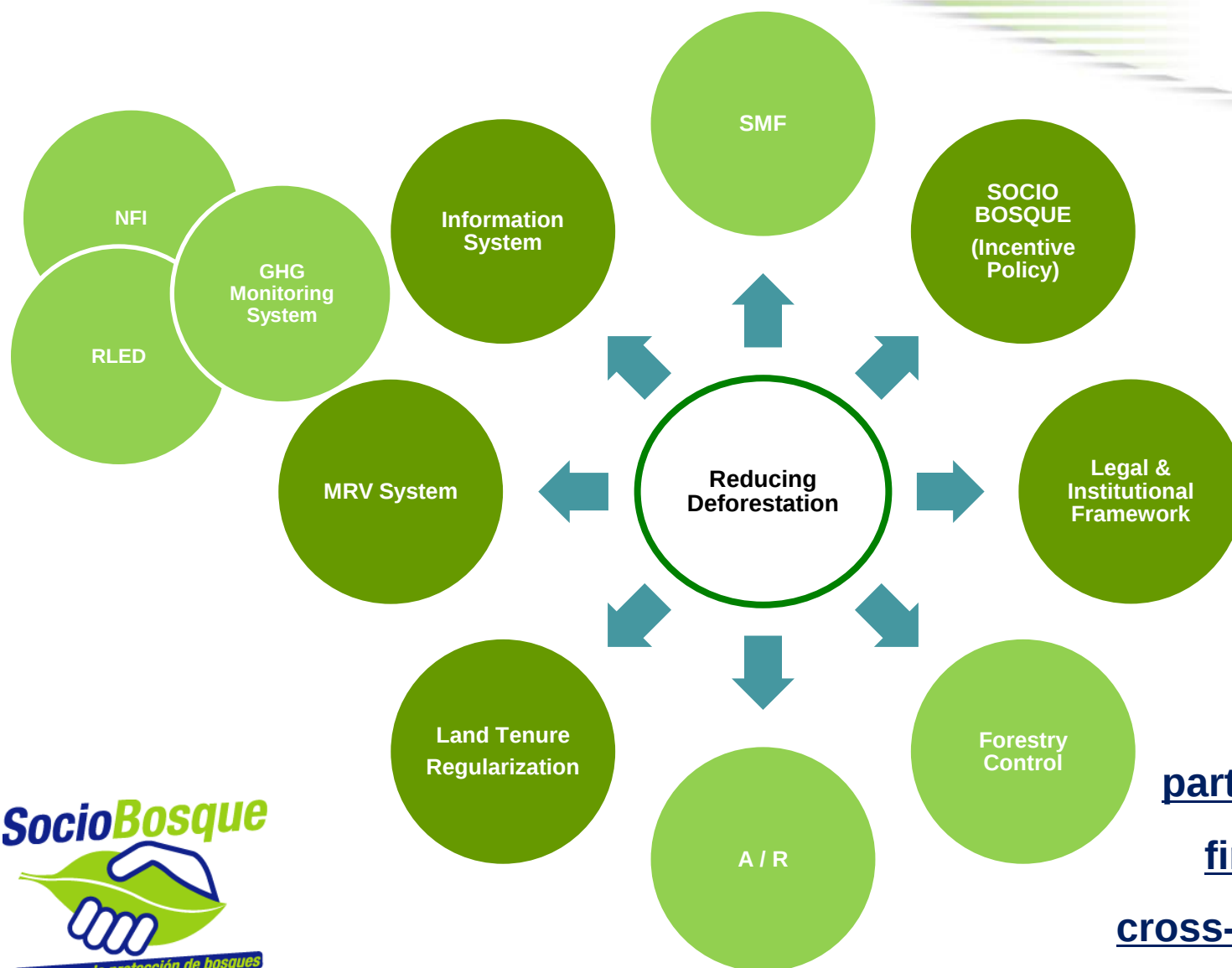


Marco Chiu
Washington DC, October 2009
UN REDD 3rd Policy Board Meeting

Elements of the REDD National Strategy



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capacity building

participatory process

financial resources

cross-sectoral planning

timber demand MGT

Why Ecuador already started implementing an incentive-based policy?



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- ✓ Deforestation rate among the highest in LA:
 - *Almost 200.000 hectares are lost each year (1,46%)*
 - *55 million tons/year of emissions*
- ✓ No economic incentives put forward
- ✓ 10 million hectares to protect

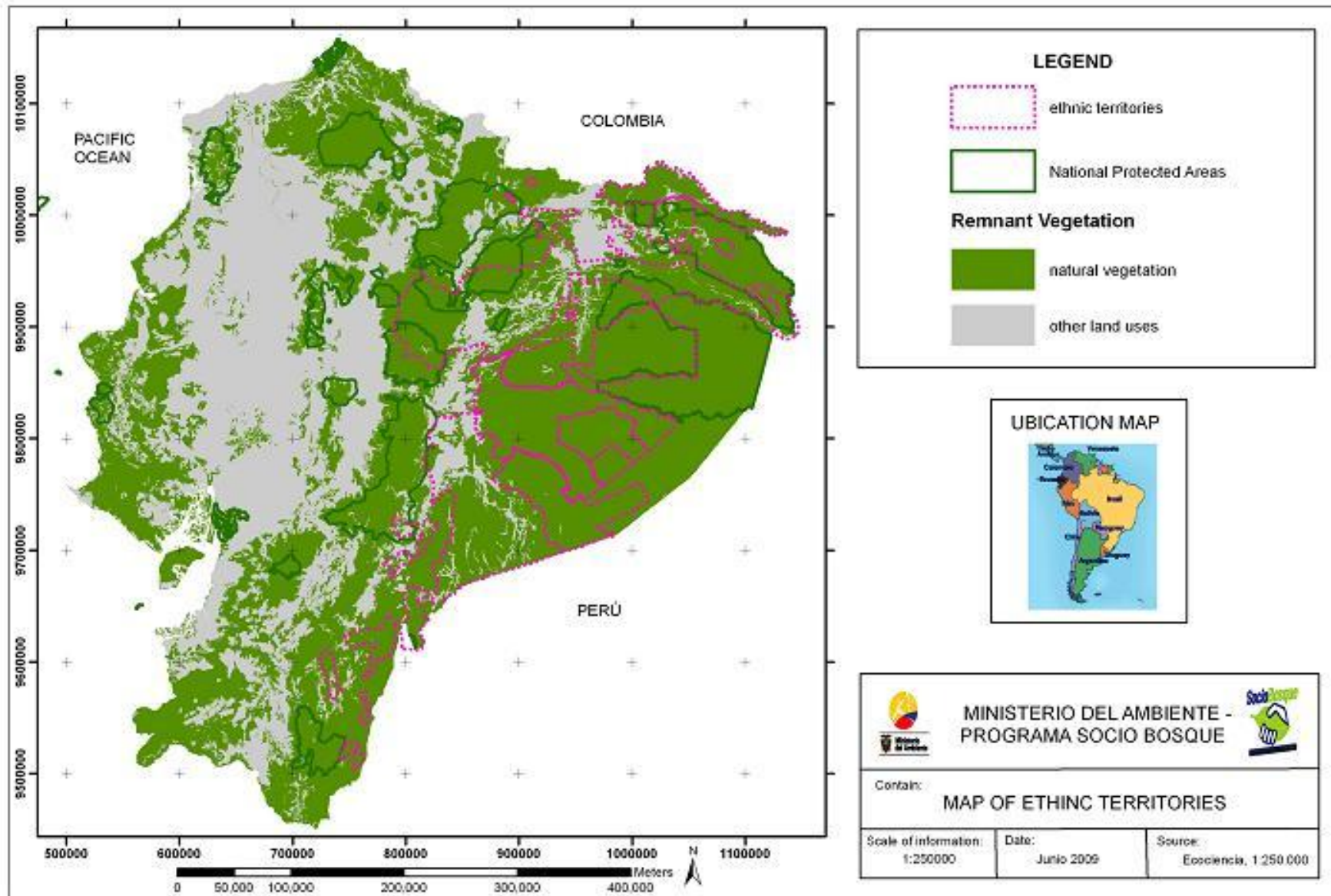
- ✓ Constitutional mandate:
 - *Protect biodiversity*
 - *mitigate climate change*
- ✓ National Development Plan
- ✓ Attendign local demand (*community-based conservation*)
- ✓ Link poverty-deforestation

SocioBosque



Programa de protección de bosques

Where could REDD be potentially implemented?



REDD ON-GOING ACTIVITIES



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NATIONAL REDD STRATEGY

- ✓ General framework for the development of REDD activities
- ✓ Elements have been identified
- ✓ Socio Bosque is a central component and continue to inform
- ✓ Inserted within the National Climate Change Strategy
- ✓ First draft in late stages of definition (consultations will follow)

PSB CONSOLIDATION

- ✓ Incentive-based Policy being implemented
- ✓ Clear and transparent delivery of benefits to IPs and other local communities
- ✓ Fund-raising for piloting REDD in PSB areas
- ✓ Expanding the Geographic area of intervention

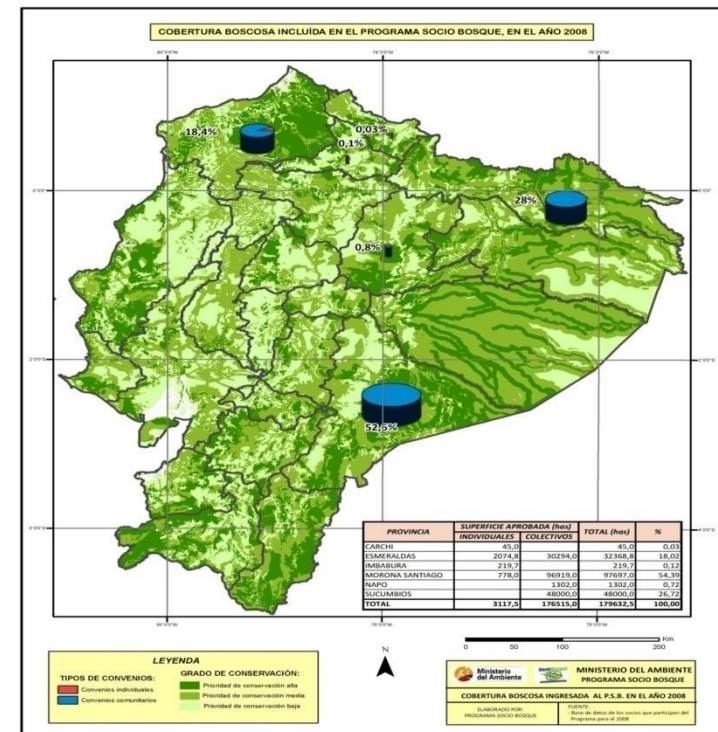
REDD ON-GOING ACTIVITIES

UPDATE ON SOCIO BOSQUE



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PILOT PHASE	2008
Area under conservation	178.000 hectares
Beneficiaries	15.000
Domestic Investment	USD \$ 1.000.000



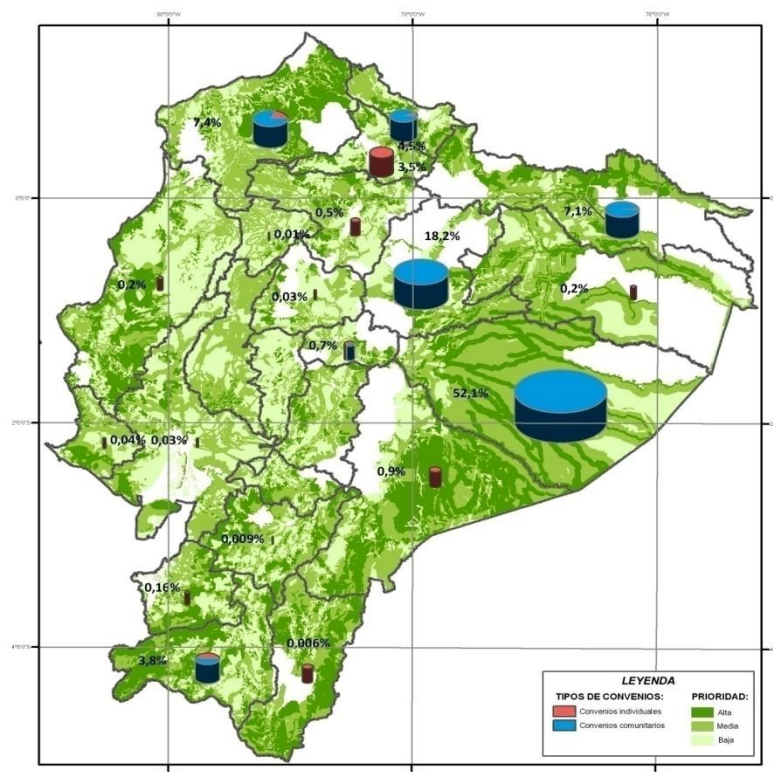
REDD ON-GOING ACTIVITIES

UPDATE ON SOCIO BOSQUE



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	expectations for 2009	as of August 09
Area under conservation	210.000 hectares	152.236 hectares
Beneficiaries	30.000	8.885
Domestic Investment	USD \$ 3.000.000	USD \$ 1.500.000



REDD ON-GOING ACTIVITIES



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LEGAL & INSTITUTIONAL FRAMEWORK

- ✓ Environmental Policy
- ✓ Environmental Code
- ✓ Article 74 (Constitution)

MoE requires to design a L & I framework that reflects national circumstances and allow an adequate regulation of the production, use, and provision of environmental services.

Should define...

- Mechanisms for the provision of incentives so that environmental services are protected and maintained (in full recognition of the cultural and social values that forests represent for local communities and IPs)
- The rights attained to the use and provision of environmental services
- Mechanisms to ensure an equitable and solidary benefit-sharing from the use of ESs

REDD ON-GOING ACTIVITIES

UP DATING INFORMATION



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RLED

- ✓ Determine deforestation rate
- ✓ Estimate GHG emissions derived from deforestation
- ✓ Methodology in late stages of design
- ✓ Three measure points: 1998 – 2000 – 2005/8
- ✓ Next step: wall-to-wall mapping
- ✓ Schedule to end in Dec. 2010
- ✓ Include socio-economic indicators
- ✓ Forward-looking scenario??

REDD ON-GOING ACTIVITIES

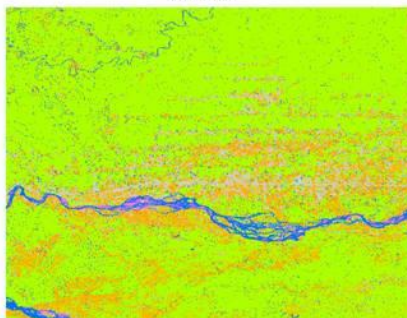
UP DATING INFORMATION



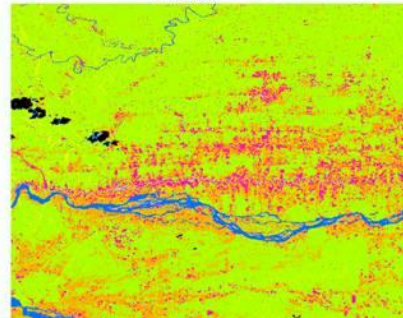
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HYBRID

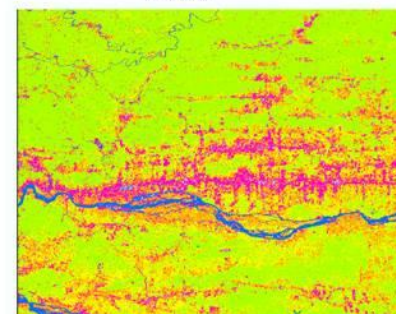
1990



2000

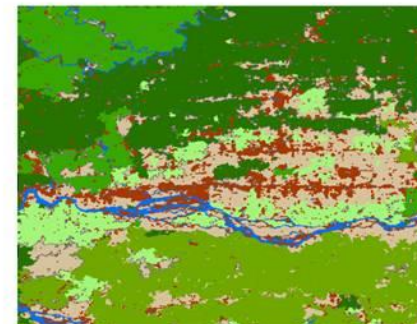
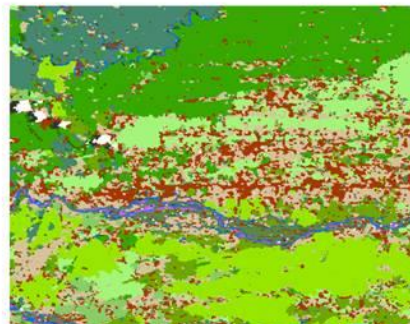
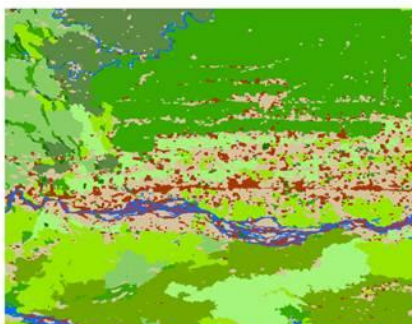


2008



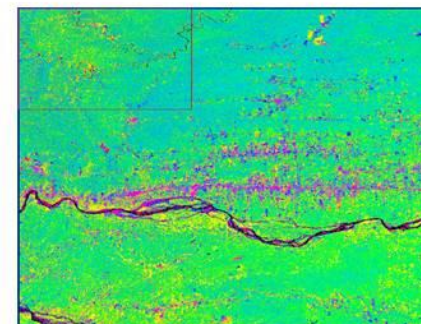
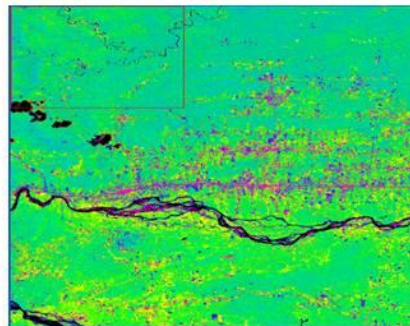
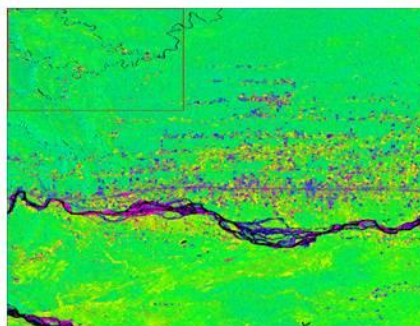
- Zonas Urbanas
- Vegetación
- Sin Información
- Otras Tierras
- Humedales
- Bosque
- Áreas Agrícolas
- Sin Información

SEGMENTATION



- Áreas agrícolas_1
- Áreas agrícolas_2
- Bosque_1
- Bosque_2
- Bosque_3
- Bosque_4
- Bosque_5
- Bosque_6
- Bosque_7
- Humedales_1
- Humedales_2
- Humedales_3
- Otras áreas_1
- Otras áreas_2
- Zona urbana

CLASlite



- Superficie descubierta
- Vegetación Fotosintética
- Vegetación No Fotosintética

REDD ON-GOING ACTIVITIES

UP DATING INFORMATION



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NFI

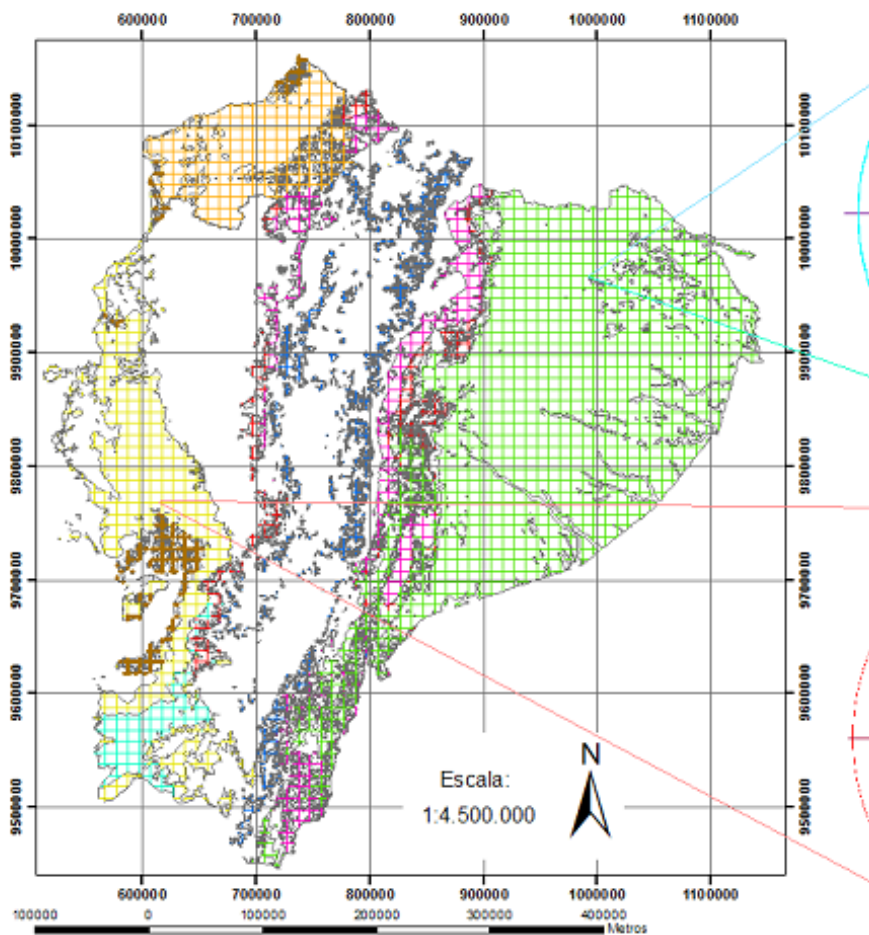
- ✓ Characterize current situation of the forestry sector
- ✓ Measure C among different forest-types
- ✓ Methodology being designed
- ✓ Field work – 2010
- ✓ Technical assistance from FAO
- ✓ Schedule to end in the first half of 2011
- ✓ Next Step: MRV GHG monitoring system

REDD ON-GOING ACTIVITIES

UP DATING INFORMATION

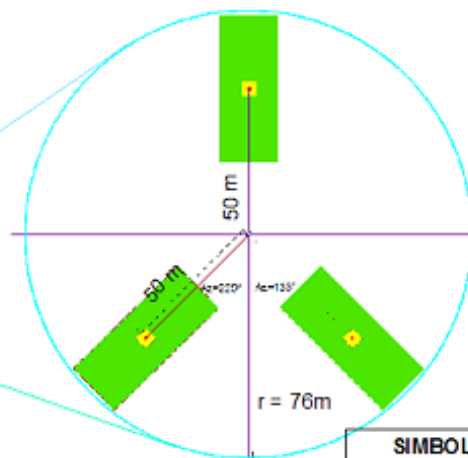


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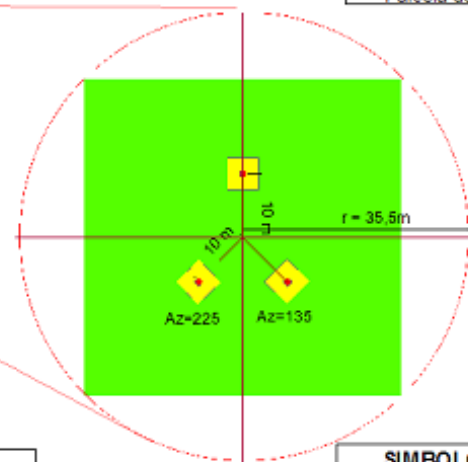
LEYENDA Tipo de Bosques

- BSVTR Choco
- BS Pluvioestacional
- BSVA Pie de monte
- BSVA de Ceja de andina
- BSVTR Amazonia
- BS Andino
- BSVA Montano
- Manglar



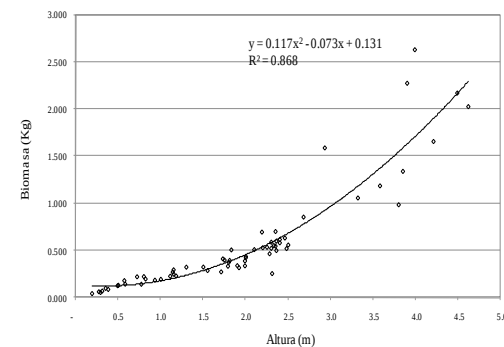
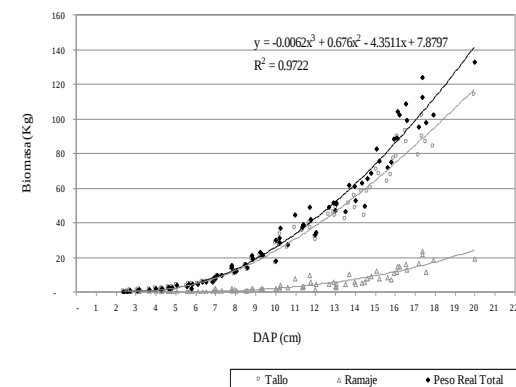
SIMBOLOGIA

- Parcela de 20 x 50 m
- Parcela de 5 x 5 m
- Parcela de 1 x 1 m



SIMBOLOGIA

- Parcela de 50 x 50 m
- Parcela de 5 x 5 m
- Parcela de 1 x 1 m



REDD ON-GOING ACTIVITIES



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DEVELOPING SOCIAL AND ENVIRONMENTAL STANDARDS

CCBA

- ✓ Bench-mark good practice guidance (principles, criteria, indicators)
- ✓ Work program started in May 2009
- ✓ First phase will end in Feb. 2010 (first draft after consultation)
- ✓ Consultations workshops were conducted in Quito (CSOs)
- ✓ Consultations workshops were conducted in Lago Agrio (indigenous communities)
- ✓ Second phase: national interpretation, pilot implementation, national standard committee



The Climate, Community & Biodiversity Alliance



CONFRONTING CLIMATE CHANGE



CONSERVING BIODIVERSITY



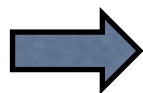
HELPING COMMUNITIES



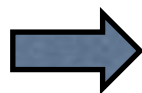
Socio Bosque and REDD



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REDD



UNFCCC
Others??

Necessary steps

**Build REDD National
Strategy**

**Consolidating the
implementation of SB**

**Defining Legal &
Institutional
Framework**

Defining RLED

Updating data

**Developing social
& environmental
standards**

co-financing

*Economic
evaluation*

*GHG monitoring
system*

*Reporting
system*

outreach

*Applying
standards
(IPCC / others)*



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Socio Bosque

Un compromiso de Ecuador con el clima, los bosques, y su gente

