Colombia’s National REDD+ Strategy Process

10th UN-REDD Policy Board
Lombok, June 27 2013
Topics covered

- National context
- Preparation of the National REDD+ Strategy
- REDD+ Coordination
- National REDD+ Program Proposed Activities
National context
Colombia Facts

- Population: 46,827,552 (2012)*
- Urban population: 74% of total (2012)*
- Total land area: 1,142,000 km²
- GDP: $362 billion (August 2012 est)**
- GDP per capita: $7,730 (2012 est)
- Departments (States): 32
- Municipalities: 1,103

- Main Cities: Bogotá (Capital District), Medellín, Cali, Barranquilla, Cartagena, Bucaramanga

*Source: National Department of Statistics
**Source: Ministry of Finance
Colombia is listed as one of the world’s “megadiverse” countries, hosting close to 14% of the planet’s biodiversity. (CBD)

- 18 ecoregions and 65 ecosystem types (Humboldt Institute)
- 61% of its surface is covered by forest, 53% is natural forest (IDEAM)
- 3 of the world's Biodiversity Hotspots: Biogeographical Pacific Chocó region, the Amazon river basin and the Andes mountains
- Seventh richest country in terms of water resources (FAO, 2003), after Brazil, Indonesia, Russia, India, Canada and China
  - High cultural diversity (90 indigenous ethnic groups)

<table>
<thead>
<tr>
<th>Tipo de Área</th>
<th>No. De Áreas</th>
<th>Área Total (ha)</th>
<th>Área en Bosques (ha)</th>
<th>% Bosque en país</th>
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<table>
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<tr>
<th>Categoría</th>
<th>Zonas de RUNAP</th>
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<td>RFPN</td>
<td>52</td>
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<td>Otras</td>
<td>154</td>
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<td>Total</td>
<td>206</td>
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</table>

Mapa Cobertura Bosque / No Bosque Colombia - Área Continental Período 2005 - 2010 Escala 1:100.000
Drivers of deforestation and forest degradation

- Agricultural frontier expansion
- Colonization and population displacement
- Mining
- Forest Fires
- Infrastructure
- Illicit Crops
- Wood Overexploitation
DRIVERS OF DEFORESTATION AND LAND COVER

- Natural forests
- Deforested areas
- Commercial forest plantations
- Seasonal and permanent crops, agricultural heterogeneous areas.
- Areas with pastures
- Areas with palm oil plantations
- Zones with presence of Coca cultivation 2001-2010.
- Mining titles
- Road network first, second and third level
- Rail road network
- Main seaports
- Fossil fuel areas (ANH)
  - AREA EN EXPLORACION
  - AREA EN PRODUCCION
  - AREA RESERVADA
  - OPEN ROUND 2010 TIPO 1
  - PROP ADMITIDA NEGOC
  - TEA

Fuente: IGAC, 2012. Cartografía básica escala 1:100.000
64,425,586 hectares of forests
(2.2% no information)

58,635,323 hectares of forests
(3.3% no information)

Together in one area, this would be more than the total land area of Costa Rica, slightly less than Latvia.
Colombia’s Greenhouse Gas Emissions

CO2 emissions (2004)

- Energia: 38%
- Industria: 6%
- Agricultura: 14%
- USCUSS: 5%
- Residuos: 37%

National Total
180.008,18 CO2 e (Gt)

IDEAM, 2009
Colombia’s commitments at the UNFCCC

- National Commitments (COP15/COP16) related to REDD+
  - Zero deforestation in the Amazon region by 2020 with international support
    - Stopping largest deforestation hotspots.
    - Preserve the integrity of the Amazon Biome
    - The Amazon region – Priority for REDD+ Readiness
  - Expansion of protected areas in the Amazon
    - Expansion of Chiribiquete National Park
    - Zoning of the Forest Reserve Act 2 1959
National REDD+ Strategy Preparation Process
Climate Change Policy in Colombia (Conpes 3700 / 2011)

- Low Carbon Development Strategy
- National Plan of Adaptation to Climate Change
- National REDD+ Strategy
- Ecosystem based adaptation
- National mitigation strategies
- Territorial and sectorial Adaptation measures
- Financial Strategy of protection against disasters
"...the development of national strategies or action plans, policies and measures, and capacity-building"

"...implementation of national policies and measures and national strategies or action plans that could involve further capacity-building, technology development and transfer and results-based demonstration activities"

"... results-based actions that should be fully measured, reported and verified."

(UNFCCC Decision 1/CP.16 p. 73)
National Development Plan (2010-2014)

- R-PIN
  - Readiness preparation proposal
  - v 5
  - v 7.1
  - v 8
  - Invitation: October 2012
  - National Workshop: May 2013
  - Mission: January 2013
  - Approval: PB10 June 2013

- Conpes 3700 June 2011
- National Climate Change System Decree
- National REDD Strategy
- September-November 2013

- Program execution with UNDP, FAO, UNEP
- August 2010
- June 2010
- PC-10 October 2011
- WB Due diligence
- Grant execution with WB

- Conpes 3700 June 2011
- National Climate Change System Decree
- National REDD Strategy
- September-November 2013
R-PP Components

1. Organize and Consult
2. Preparing the REDD+ Strategy
3. Develop reference levels
4. Design of monitoring systems
5. Timeline and budget
6. Design of a Monitoring and Evaluation Framework
1. Organize and Consult

Total Cost: USD 8.7 M  
Funding gap: ~ 11%

Strategic Action Lines

- Establishment of the Nacional REDD+ Board within the National Climate Change System and participation of stakeholders.
- Capacity building program for local communities and authorities
- Institutional strengthening of REDD+ at a national and local level
- Strengthening of participation mechanisms for indigenous peoples, afrocolombian communities and peasant communities.
- Protocol for Free Prior Informed Consent
- Information exchange and grievance mechanism
Component 1 - UNDP

i) Support the joint constitution and operation of the National REDD+ Round table (Criterion, guidance, regulation)

ii) Participative interinstitutional and community evaluation of challenges and opportunities of REDD+ in indigenous territories and other forest dependent communities.

iii) Key stakeholders of indigenous, afro-descendant and peasants communities are trained in REDD+, as well as regional environmental authorities.
National Climate Change System

Executive Secretary

Inter-sectorial Climate Change Commission

Financial Management Committee

Sectorial committee

Territorial committee

International affairs committee

Transversal committee for research, production and communication of information related to Climate Change
National REDD+ Roundtable

- Ministry of Environment
- National Planning Department
- Ministry of Agriculture and Rural Development
- Regional Climate Change Nodes
- Academia
- Private Sector
- NGO’s
- Indigenous Peoples
- Afrocolombian Communities
- Peasant Communities
Stakeholders National REDD+ Strategy

- Public Sector
- Indigenous Peoples
- Afro-Colombian communities
- Peasant communities
- Donors
- Academy and Research Institutes
- NGO’s
- Private Sector
Participation Process in Colombia

Early Dialogues

• More than 700 participants in 20 events.
• 280 Organizations along the five regions of Colombia:
  - Amazonas
  - Pacífico
  - Caribe
  - Andina
  - Orinoquía
2010

**August:**
- Solano, Caquetá: "Diálogo Intercultural"

**September:**
- Mocoa, Putumayo: "Trabajar en la Unidad"
- San José del Guaviare, Guaviare: "Sencillez ante todo"

**October**
- La Chorrera, Amazonas "Complementar visiones"
- Puerto Inírida, Guainía "Conocimiento y Valoración del Territorio"

**December:**
- Bogotá D.C. Taller Vaupés
<table>
<thead>
<tr>
<th>Localidad</th>
<th>Organizaciones y Comunidades</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solano, Caquetá</td>
<td>MAVDT, UAESPNN, Tandachiridú, Ascainca, Libano, CRIOMC, Cabildo El Quince, Asothewala, COE, CRIMA, Ismuina</td>
</tr>
<tr>
<td>Mocoa, Putumayo</td>
<td>MAVDT, COICA, ACILAPP, Musurunakuna, OZIP, Mesa Permanente Cofán, Rep. Comunidades Awa, Inga, Camentsá, Siona, Embera, Yanacona, ACIMVIE, Resguardo Chaluayacu, APKAC, Resguardo Piedra Sagrada, ACIES, Resguardo Simoena, Kjuentama, Resguardo El Espingo, FPI, FEDECAP.</td>
</tr>
<tr>
<td>San José del Guaviare, Guaviare</td>
<td>Min. Interior, MAVDT, WWF, Parque Nacional Nukak, CRIGUA, Líderes de las comunidades de: río Inírida, Panuré, Centro-Calamar, Centro-Miraflores, Asunción, La María y La Fuga.</td>
</tr>
<tr>
<td>La Chorrera, Amazonas</td>
<td>Patrimonio Natural, MAVDT, CRIMA, AZICATCH, OCIM, UPN, Asociación Nativa, Líderes de las comunidades de: Cordillera, Mue, Capitanía, Cair, Providencia, Milán, Veg Sam, Santa Rosa, Santa María, Chorrera Centro, Vista Hermosa, Okaina, San Francisco, San Antonio, Caisam, Cris, Petani, Lago Grande, Sabana.</td>
</tr>
<tr>
<td>Puerto Inírida, Guanía</td>
<td>WWF, MAVDT, OMETMI, AsocaUniguni, ASOCRIGUA, ATABAPO, Asociación AIRAI, ACATISEMA, Selva Mataven, ATATAPO, IDA, C. Ecogente y Líderes Locales de las comunidades de: Caño Río FD, Resguardo Río Inírida, Comunidad La Ceiba, Caranacoa Río Inírida.</td>
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<tr>
<td>Mitú, Vaupés</td>
<td>MAVDT, Patrimonio Natural, Alubva, OZCIMI, UNIQ, AATIVAM, OZIRPA, ASATAV, ACAZUNIR, CRIVA, ILSA, OPIAC, COICA, AATIAM, Asatraiyuva, AZUNIP, ACTIVA, UDIC, AZATIAC, MAVDT.</td>
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<td>Araracuara</td>
<td>CRIMA, WWF</td>
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<tr>
<td>Pedrera</td>
<td>AIPEA, WWF</td>
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<td>Florencia, Caquetá</td>
<td>Curso sobre Cambio Climático y Servicios Ambientales: ACT, FAAN, WWF, PN, MAVDT, AATIs del departamento de Caquetá.</td>
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2011

April
- Buenaventura, Valle: "Defender lo propio"
- Quibdó, Chocó: "Posicionamiento de Comunidades"

May
- Timbiquí, Cauca: "Participación activa y directa"

June
- Tumaco, Nariño: "Talento humano capacitado"
<table>
<thead>
<tr>
<th>Localidad</th>
<th>Comunidades negras: FISCH, PCN, Agenda Común, Recompas, MAVDT, IIAP, Patrimonio Natural</th>
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</thead>
<tbody>
<tr>
<td>Cali</td>
<td><strong>Nodo de Cambio Climático del Pacífico</strong></td>
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<tr>
<td></td>
<td><strong>Consejo comunitario del río Yurumangui, APONURY, Consejo comunitario del río Naya, Consejo comunitario río Cajambre, Consejo comunitario río Mayorquin, Mina vieja, Consejo comunitario río Raposo, ACONUR, Consejo comunitario Mayor río Anchicaya, ONUIRA, Consejo comunitario condoba san Cipriano, Corregimiento 8, Consejo Comunitario La Gloria, Consejo comunitario La Plata, Consejo comunitario de Calima, UNIVALLE, UNIPACÍFICO, CVC, Secretaría de Ambiente Buenaventura, Asamblea de consejos comunitarios, Palenque el Congal PCN, Consejo Comunitario Punta Soldao</strong></td>
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<tr>
<td>Buenaventura</td>
<td><strong>Consejo Comunitario Patía Norte, Consejo Comunitario Río Timbiquí, Consejo Comunitario Independiente, Consejo Comunitario Renacer Negro, Consejo Comunitario San Bernardo, Consejo Comunitario Negros Unidos, Consejo Comunitario Patio Norte, ASOMANOSNEGRA, CCNA, Consejo Comunitario Chanzará, ITAJO, CCPASS, Consejo Comunitario Negros en Acción. UMATA, SENA, INCODER</strong></td>
</tr>
<tr>
<td>Timbiquí</td>
<td><strong>Agenda Común, ASCOBA, FISCH, ACOMOCOP, COCOMACIA, OBAPO, ACABA, ADACHO, Consejo Comunitario de Cupica, COCOMIMSA, Junta de Acción Comunal, PAS, Subregión Baudó, Consejo Comunitario los Delfínes, Diócesis de Quibdó, Red Juvenil de Mujeres Chocó, Ruta Pacífico, COCOLOSAN, RISCALES, PJQ, PBDQ, COCOMAM, FUCLA</strong></td>
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<tr>
<td>Quibdó</td>
<td>Programado para la semana del 2 de junio</td>
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<td>Tumaco</td>
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2012

Workshop with peasant communities on Climate Change and REDD+

Villavicencio, 10 - 11 de February, 2012

ASCATRAGUA, ASPROMACARENA, ASCAL-G, AGROGUÉJAR, COMUNIDAD ASOJUNTAS MIRAFLORES, SECRETARÍA DE ARAUQUITA, COMUNIDAD DE SARAVENA Y TAME (ARAUCA), CORPOAYARÍ –MACARENA, COMUNIDADES DE EL CASTILLO Y VILLAVICENCIO (META), ACA, CORPORACIÓN AMBIENTAL DEL RÍO ELE (ARAUCA), COMUNIDAD DE EL CALVARIO, MADS, PNN, PATRIMONIO NATURAL, US-DOI ITAP, FUNDACIÓN PUERTO RASTROJO.
# SESA Process and other National Workshops

<table>
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<tr>
<th>Region</th>
<th>Location</th>
<th>Number of Participants</th>
<th>Number of Attendees</th>
<th>Workshop Details</th>
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<td>Nacional</td>
<td>Bogotá D.C.</td>
<td>97</td>
<td>40</td>
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<td>Amazonía/Orinoquía</td>
<td>San Vicente del Caguán (Caquetá)</td>
<td>120</td>
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<td>Bogotá D.C.</td>
<td>60</td>
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<td>5 reuniones de la Mesa Indígena Amazónica de Ambiente y Cambio Climático - MIAACC</td>
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<td>Pacífico</td>
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<td>Tumaco</td>
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<td>Cali (Valle del Cauca)</td>
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<td>Organizaciones de mujeres afrocolombianas.</td>
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</table>
Round table on Environment and Climate Change with Indigenous peoples of Amazon Region (MIAACC)

Designated in April 2012

- REDD+ agendas for SESA, communication strategy, R-PP revision with delegates of the six Provinces of Amazonian Region.
- Environmental agendas with the Ministry.
- Six sessions already.
Participation Platform with Afro-colombian communities of Pacific Region

Delegates from the 4 Provinces in the Pacific Region

- March 2013 – R-PP review
National Meeting of National REDD+ Strategy Preparation (Bogotá D.C. May 9 - 10, 2013)

• Targeted Support UN-REDD+ (USD 50,000)
• PNUD - Fondo Acción - GIZ
• 107 persons participated
• Results:
  ✓ Recomendations to update of R-PP ENREDD+ and presentation of R-PP 7.1. version.
  ✓ Proposal on conforming inter-éthnic Roundtable.
  ✓ Ad Hoc Working Group on R-PP
2. Preparation of the National REDD+ Strategy

Strategic Action Lines

2a
• Land tenure analysis in hotspots of deforestation.
• Analysis of sectoral policies and relationship with deforestation.
• Identification of regional drivers and regional pacts.

2b
• Prioritization of strategy options at the national and subnational levels.
Subnational implementation

9 regions
• Amazon
• Orinoquia
• South Pacific
• North Pacific
• Caribbean
• Andes (4 regions)
3. Develop Reference Levels

Total cost: USD 3.08 M

Funding gap ~27%

Strategic Action Lines

- Subnational area definition
- Generation and compilation of primary data
- Activity data and emission factors
- Agent and driver analysis of deforestation
- Model and Project emissions trends for each region and a consolidated national projection for 5, 10 and 20 years
- Pilot reference level in Northern Amazon and Regional RL for the Amazon
Component 3. Reference levels – FAO

i) Development of knowledge and technical capacity for reporting Greenhouse Gases, at national and regional levels.

ii) Construction of Sub-national reference levels and linkage with national reference level.

iii) Improvement of methodology for subnational reference levels.
4. Design of monitoring systems

**Strategic Action Lines**

4a

- Institutional arrangements and sustainability of the monitoring system
- Development of a Sub-system for Carbon Monitoring
  - National Forest Inventory / Permanent Monitoring Plots
- Development of a Sub-system for Monitoring Deforestation
- Development of a Sub-system for Monitoring Degradation
- Community participation in monitoring
- Technological platform

**Total cost:** USD 7.0 M

**Funding gap:** ~27%
NATIONAL FOREST AND CARBON MONITORING SYSTEM

Each Semester

Each two years according with National Communications and MRV

Updateable every two years

Permanent Plots
• Existing institutions
• IDEAM (REDD and SMBYC project)

Early warnings + Quantification of National Deforestation + Carbon Monitoring

Satellite Imagery + Field data
Biomass estimation based in remote sensing and field information.

National Forest and Carbon Monitoring System
4b

- Safeguard Information Systems
  - Identification of pertinent environmental and social indicators
  - Identification of SIS components to monitor cobenefits
  - Information module on cobenefits
- Linkages with SIAC and DANE

Total cost: USD 7.0 M

Funding gap: ~27%
Forest monitoring System strengthened, participative, decentralized and developed considering the following REDD+ requirements.

i) Plan for the implementation of the national forest monitoring System.

ii) Roles coordination mechanisms are defined (legal, technical and political framework) in the context of MRV – National and Regional scale.

iii) Sub-system for degradation monitoring.
Component 4. (4b) Information system on safeguards and other non-Carbon benefits - UNEP

i) Safeguards information System designed. Indicators, Mecanism/Access – Additional module on co-benefits.

ii) Identification of monetary and non-monetary benefits for an actual scenario and 3 variants of rural development (Low, medium, high).

iii) REDD+ Sub-National areas are prioritized based on their co-benefits, based on environmental and social benefits and carbon.

iv) Institutions strengthening on spatial analysis of REDD+ benefits.
6. Program Monitoring and Evaluation Framework

Total cost  USD 0.5 M  Funding gap: 0%

Strategic Action Lines

- Proposed M & E program
- Socialization and adjustment of the M & E program
- Development of performance indicators
- Development of performance reporting platform (web)
- External Audit
REDD+ Coordination
REDD+ Stakeholders
REDD+ Coordination

• The challenge of coordination is a necessary one
• It prompts the government to be on the driver seat and set the vision
• Coordination mechanisms:
  • Institutional: Once the National REDD+ Board is defined
  • Donors: Cooperation Roundtable established in 2012, REDD+ as a sub-group.
  • Ad-hoc coordination groups by component
  • Leader: Office of International Affairs at Ministry of Environment
Funding sources and coordination needs

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<th>Fuentes</th>
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<td>Embajada de los Países Bajos</td>
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<td>FCPF</td>
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<td>Otros (sin asignar)</td>
<td>662 348 845 350 1.320 558 844 1.650 297</td>
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<td>3.611 500 4.625 2.320 1.040 3.570 1.235 3.079 6.120 924 490</td>
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- Budget from 2012 to 2015 for readiness, UN-REDD Program budget for 2016 is not in this table
**Budget Schedule Readiness**

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<td>1.710</td>
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<td>1.225</td>
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<td>3.140</td>
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<td>Componente 3</td>
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<td>$ 847</td>
<td>$ 989</td>
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<td>989</td>
<td>1005</td>
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<td>Componente 4</td>
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<td>1.981</td>
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<td>4b</td>
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<td>530</td>
<td>394</td>
<td>924</td>
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<td>Subtotal</td>
<td>803</td>
<td>1.419</td>
<td>2.449</td>
<td>2.375</td>
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<td>120</td>
<td>100</td>
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<td>490</td>
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<td>Subtotal</td>
<td>170</td>
<td>120</td>
<td>100</td>
<td>100</td>
<td>490</td>
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<td><strong>TOTAL</strong></td>
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<td>2.094</td>
<td>6.730</td>
<td>9.842</td>
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</table>

**Budget Schedule National Program**

<table>
<thead>
<tr>
<th>Program</th>
<th>Year 2014</th>
<th>Year 2015</th>
<th>Year 2016</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-REDD Program</td>
<td>1,278,340</td>
<td>1,636,790</td>
<td>1,084,869</td>
<td>4,000,000</td>
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<td>Componente del Proceso de preparación/Cooperante</td>
<td>BMU-ICI</td>
<td>Embajada de los Países Bajos</td>
<td>FCPF</td>
<td>Fundación Moore - GBMF</td>
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<tr>
<td>-------------------------------------------------</td>
<td>--------</td>
<td>------------------------------</td>
<td>------</td>
<td>------------------------</td>
</tr>
<tr>
<td>1 Organización y realización de consultas</td>
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<td></td>
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</tr>
<tr>
<td>1a Arreglos institucionales</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1b Intercambio de información y diálogos tempranos</td>
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<td></td>
</tr>
<tr>
<td>1c Proceso de consultas y participación</td>
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<td></td>
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<tr>
<td>2 Preparación de la Estrategia REDD+</td>
<td></td>
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</tr>
<tr>
<td>2a Evaluación del uso de la tierra, motores de deforestación, leyes forestales, tenencia</td>
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<tr>
<td>2b Opciones de Estrategia</td>
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<tr>
<td>2c Marco de ejecución</td>
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<tr>
<td>2d Impactos Sociales y Ambientales</td>
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<tr>
<td>3 Desarrollo de un nivel nacional de referencia</td>
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<tr>
<td>3 Escenario de referencia</td>
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<tr>
<td>4 Monitoreo, Reporte y Verificación</td>
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<tr>
<td>4a Monitoreo de bosques</td>
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<tr>
<td>4b Sistema de información de múltiples beneficios, otros impactos y gobernanza</td>
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<tr>
<td>6 Marco de Evaluación</td>
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</table>
## UN REDD National REDD+ Program budget

### National Programme Budget (UN-REDD Fund Source only)*

<table>
<thead>
<tr>
<th>Component</th>
<th>Outcomes</th>
<th>National Total ($)</th>
<th>FAO ($)</th>
<th>UNDP ($)</th>
<th>UNEP ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>1. Stakeholders are informed and empowered to participate in decision-making on REDD+.</td>
<td>877,718</td>
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<tr>
<td></td>
<td>2. The country has the technical capacity to report forest carbon and to establish reference levels at sub-national level.</td>
<td>659,286</td>
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<tr>
<td>3</td>
<td>3. Forest monitoring system strengthened and developed considering REDD+ requirements.</td>
<td>1,120,000</td>
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<tr>
<td>4A</td>
<td>4. Multiple benefits of forests identified, mapped and safeguards information system designed.</td>
<td>707,508</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>4B</td>
<td>5. Project management costs</td>
<td>373,806</td>
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<tr>
<td>Sub-total</td>
<td></td>
<td>3,738,317</td>
<td>1,779,286</td>
<td>1,251,524</td>
<td>707,508</td>
</tr>
<tr>
<td>Indirect Support Costs</td>
<td>261,683</td>
<td>124,550</td>
<td>87,607</td>
<td>49,526</td>
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<tr>
<td>Grand Total ($)</td>
<td>4,000,000</td>
<td>1,903,836</td>
<td>1,339,130</td>
<td>757,034</td>
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</tbody>
</table>
Thank you

National REDD+ Team

Ministry of Environment and Sustainable Development