The Brazilian Forest Service and Brazilian Forests

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Brazilian Forest Service

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BRAZILIAN FACTS

- **Area**: 851 million ha
- **Population**: 200 million
- **Municipalities**: 5,564
- **GDP**: US$ 2.5 trillion
- **Forest area**: ~ 460 million ha
- **Forest area per capita**: 2.4 ha
- **Indigenous people**: 305 groups (900 k people)
LAND USE IN BRAZIL

- Forests occupy more than 54% of the total area of the country
- Forest Plantation < 1%
Brazilian Biomes

<table>
<thead>
<tr>
<th>Biomes</th>
<th>% of the country</th>
<th>Forest Cover (% of biome)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amazon</td>
<td>49</td>
<td>77.5</td>
</tr>
<tr>
<td>Cerrado</td>
<td>24</td>
<td>28.1</td>
</tr>
<tr>
<td>Caatinga</td>
<td>10</td>
<td>49.0</td>
</tr>
<tr>
<td>Atlantic Forest</td>
<td>13</td>
<td>18.1</td>
</tr>
<tr>
<td>Pantanal</td>
<td>1,7</td>
<td>15.9</td>
</tr>
<tr>
<td>Southern Fields</td>
<td>2</td>
<td>59.4</td>
</tr>
</tbody>
</table>
Annual deforestation rate
BRAZILIAN EMISSIONS OF GHG

SECTORAL SHARE 1990-2010 (Million Tons CO₂ eq)

Tg CO₂-eq

0 500 1000 1500 2000 2500 3000


Energy  Waste treatment  Industry  Agriculture  Land
INSTITUTIONAL FRAMEWORK

- Forest Policy and regulations
- Licensing and law enforcement
- Forest management and development
- Biodiversity Conservation (Protected areas)
Stated that all public land with forest cover in 2006 is a public forest;

Established that beyond that date all public forests should remain “public and forests”;

Created the Brazilian Forest Service to manage the public forests in Brazil

Established a new mechanism for production of goods and services in public forests: Forest Concessions;
BRAZILIAN PUBLIC FORESTS

Legend
- Red: Federal Public Forests under Concession
- Orange: Federal Public Forests under Bidding Process
- Green: Federal Public Forests
- Light Green: State Public Forests

308 Million Ha
Brazilian Forest Service

- Created in 2006
- Almost 250 employees
- Headquarter in Brasilia and 4 regional offices

Main activities are:

1. Management of Natural Forests (Forest Concessions; Community)
2. National Forest Inventory
3. Forest Products Lab
4. National Forest Development Fund (FNDF)
5. National Forest Information System (SNIF)
Forest Concession in Brazil

- Forest Concession is a bidding process that grants the right to manage a public forest considering not only the best price, but mainly the best practices and techniques offered. Forest concession is preceded by public hearings.

- Among the technical criteria are: lowest environment impact, highest social benefit, and greatest added-value to the forest products produced.
CONCESSION DESIGN – Streamlining process

Pre Bidding Stage - Phase I
Includes all stages up to publication of final version of bidding documents

Evaluation and Signing Stage - Phase II
All steps to sign a forestry concession contract

Execution Stage - Phase III
Includes drafting of management plan and monitoring activities
CURRENT STAGE

- Contracts signed & in operation: 480,000 ha
- 2015: ~1.3 million ha
- 2022: ~7 million ha

Annual log production (m³)

<table>
<thead>
<tr>
<th>Year</th>
<th>Jamari</th>
<th>Saracá</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>49,971</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>49,639</td>
<td></td>
</tr>
</tbody>
</table>
PUBLIC FOREST MANAGEMENT

- Public and private partnership to promote sustainable tropical forest management in Brazil.

- National Forest of Jamari, under forest concession.
CHALLENGES

- Speeding up land/forest tenure reforms.
- Enhancing law enforcement.
- Improving logistic and infrastructure.
- Financing SFM and industrial operations.
- Reducing transaction & compliance costs.
- Expanding plantation of tropical forests.
OBRIGADO

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