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CONTEXT OF TIMBER TRADE

- Brazil is the fifth-largest country in the world and the largest in the Southern Hemisphere.
- It has the second-largest expanse of forest in the world and the largest remaining area of rainforest.
- Over 50% of Brazil is covered in forest.
- Brazilian forests can be classified broadly as Amazon rainforest, Atlantic rainforest (*Mata Atlântica*) (28.8 million ha), central *cerrado* savanna (70 million ha), arid *caatinga* (46.8 million ha) and the wetlands of the Pantanal (8.55 million ha).
- FAO and Government of Brazil (2010) both estimated Brazil's total forest cover in 2010 at 519 million ha, including both tropical and non-tropical natural and planted forests; an estimated 354 million ha of the total was in the Amazon.
- Brazil has more mangrove forests than any country other than Indonesia, with about 1.3 million ha, which is 8.5% of all mangroves.
- FAO has estimated an annual deforestation rate of 0.42% between 2005 and 2010, a significant reduction from the 1990s. However, from 2012 onwards, in accordance to the official data released by National Space Agency (INPE) deforestation rates have been increasing again.
- Satellite monitoring of deforestation has been in place since 1988.
- Over 40% of Brazilian Amazon is located within federal and the State protected areas and reservations.
- Estimates of the proportion of logging that is illegal range between 20-47%.
- Brazil accounts for 55% of all timber and timber product exports by South America and 2.7% of global exports, although the vast majority of its timber production is destined for its domestic markets.
- The State of Pará (Eastern Brazilian Amazon) is the largest timber-producing State with an annual production of 6.6 million m³ of native roundwood in 2009.
- As of 2014 (FAOSTAT), production of industrial round wood accounted to 146,804,000 m³.
- FAOSTAT (2012) estimated the value of export of all forest products in Brazil as € 5,549,418,040.
- 36% of the export value of Brazil's EUTR-regulated timber products are destined for Europe.
- In 2012, Brazil's exports of timber products were made up of: wood pulp (52%); paper (22%); mouldings (6%); furniture (5%); plywood/veneer (5%); sawn (4%); and joinery (2%).
- Although just over 1.5% (7.2 million ha) of Brazil's forest is plantation forest (eucalyptus and pine), this makes up the majority of its exports.
- As of June 2012, Brazil had about 6.48 million ha of forest certified to the FSC standard and about 1.26 million ha certified to CERFLOR standards, which are endorsed by PEFC.



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MAJOR HARVESTED & TRADED SPECIES

Amapá	<i>Brosimum utile</i>
Angelim	<i>Dinizia excelsa</i>
Cedrinho	<i>Erismia uncinatum</i>
Cumarú	<i>Dipteryx odorata</i>
Cupiuba	<i>Goupia glabra</i>
Faveira	<i>Parkia</i> spp.
Garapa	<i>Apuleia leiocarpa</i>
Ipe	<i>Handroanthus</i> spp.; <i>H. guayacan</i> & <i>H. serratifolius</i> ; syn. <i>Tabebuia</i> spp.
Jatoba	<i>Hymenaea courbaril</i>
Massaranduba	<i>Manilkara huberi</i>
Purpleheart/Amarante	<i>Peltogyne</i> spp.
Sucupira	<i>Bowdichia</i> spp.; <i>B. nítida</i> & <i>B. virgilioides</i>
Tatajuba	<i>Bagassa guyanensis</i>
Tauari	<i>Couratari tauari</i>

PLANTATION SPECIES

Pino	<i>Pinus</i> spp.
Eucalyptus	<i>Eucalyptus</i> spp.
Black wattle	<i>Acacia mangium</i>
Paricá	<i>Schizolobium amazonicum</i>
Teak	<i>Tectona grandis</i>
Paraná Pine	<i>Araucaria angustifolia</i>
Aspen	<i>Populus</i> spp.

EXPORT MARKETS – KEY FACTS

Exports of logs from natural forests in Brazil have been banned since 1983 (note that plantation logs, including teak and treated softwood are still exported)

Species-specific bans within Brazil:

Brazil Nut Tree *Bertholletia excelsa*
Paraná Pine *Araucaria angustifolia*

CITES Appendix I-listed tree species:

Brazilian Rosewood *Dalbergia nigra*

CITES Appendix II-listed tree species:

Brazilian Rosewood *Aniba roseodora*
Big-leaf Mahogany *Swietenia macrophylla*
Brazilwood *Caesalpinia echinata*

CITES Appendix III-listed tree species:

Brazilian Cedarwood *Cedrela fissilis*
Spanish Cedar *Cedrela odorata*
Cedro *Cedrela lilloi*



Credit: © WWF-Canon / Edward Parker

Brazil nut *Bertholletia excelsa*, Belém, Amazonas, Brazil



LEGAL TIMBER (legality framework)

National legislation, in Portuguese

<http://www4.planalto.gov.br/legislacao>

MAJOR FOREST GOVERNANCE CHALLENGES

Tenure and possession issues

Unclear ownership means that legal measures cannot be applied.

Fraud and corruption

False management plans and false timber credits.

Confusing and contradicting policies

Government management structure is often confusing and lacks coordination.

FURTHER SOURCES OF INFORMATION

Key government authorities

- Ministry of Environment
www.mma.gov.br
- Brazilian Institute of Environment and Renewable Resources (IBAMA)
<http://www.ibama.gov.br>
- CITES Management Authority (under IBAMA)
<http://www.ibama.gov.br/servicos/cites>,
cites.sede@ibama.gov.br, cites.flora.sede@ibama.gov.br
- Chico Mendes Institute for the Conservation of Biodiversity (ICMBio)
www.icmbio.gov.br
- National System of Conservation Units (under the authority of ICMBio)
<http://www.mma.gov.br/areas-protegidas/sistema-nacional-de-ucs-snuc>
- Brazilian Forest Service
<http://www.florestal.gov.br>
- National Colonization and Agrarian Reform Institute
<http://www.incra.gov.br>
- Brazil's Trade and Investment Promotion Agency (APEX)
www.apex.com.br





FURTHER SOURCES OF INFORMATION

- Bureau of Foreign Trade
(under the Ministry of Development, Industry and Foreign Trade)
aliceweb.desenvolvimento.gov.br
- Programa Brasileiro de Certificação Florestal (CERFLOR)
www.inmetro.gov.br/qualidade/cerflor.asp

Non-governmental organizations

- WWF Brazil
http://wwf.panda.org/who_we_are/wwf_offices/brazil
- Amazon Institute of People and the Environment (IMAZON)
http://www.imazon.org.br/pagina-inicial-en?set_language=en&cl=en
- Forest Legality Alliance
<http://risk.forestlegality.org/countries/brazil>
- Brazilian Agricultural Research Corporation (EMBRAPA)
<https://www.embrapa.br/en/home>
- Instituto de Manejo e Certificação Florestal e Agrícola (IMAFLORA)
www.imaflora.org
- Greenpeace
<http://www.greenpeace.org/brasil/pt>



Credit: © WWF-Canon / Edward Parker

The buttress roots of a giant rainforest tree in the coastal flooded forest near Belém, Amazonas, Brazil

RELEVANT REPORTS & WEBSITES

- Análisis de Sinergias entre la Aplicación de las Leyes, la Gobernanza y el Comercio Forestal e Iniciativas Afines en Brasil, Colombia, Ecuador y Perú
http://www.traffic.org/forestry-reports/traffic_pub_for_esty29.pdf
- CITES Appendices
<http://www.cites.org/eng/app/appendices.php>
- Chatham House illegal logging portal
<http://www.illegal-logging.info/>



Credit: © WWF-Canon / Edward Parker

Logging activities, wholesale clearance of forest Near Xapuri Acre

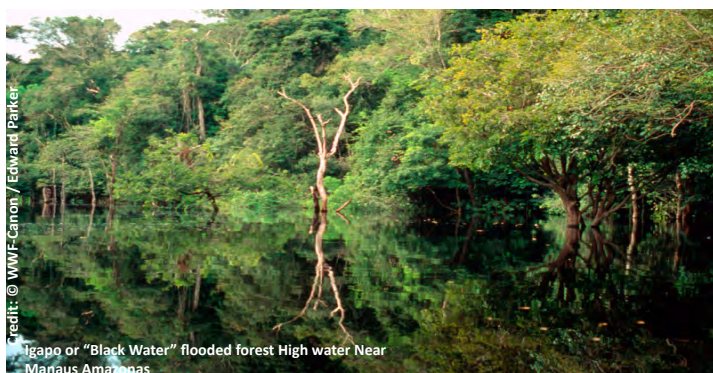
- Chatham House publication 'Illegal logging and related trade', Lawson, S. & MacFaul, L., 2010
http://www.chathamhouse.org/sites/default/files/public/Research/Energy,%20Environment%20and%20Development/0710pr_illegallogging.pdf Brazil summary:
<http://www.illegal-logging.info/sites/default/files/uploads/CHillegalloggingreportcardbrazil.pdf>
- Deforestation in Brazil, Earth Observation General Coordination (under Ministry of Science and Technology)
<http://www.obt.inpe.br/prodes/index.php>
- Evaluation and Scoping of EU Timber Importers from South America, TRAFFIC
http://www.traffic.org/forestry-reports/traffic_pub_forestry27.pdf
- IMAZON Deforestation Report
<http://www.imazon.org.br/publications/forest-transparency>
- FSC Brazil
<http://br.fsc.org>
- National Register of Public Forests (under the jurisdiction of the Forest Service)
<http://www.florestal.gov.br/informacoes-florestais/cadastro-nacional-de-florestas-publicas/cadastro-nacional-de-florestas-publicas>





RELEVANT REPORTS & WEBSITES

- Forestry and Conservation of Natural Areas and Wildlife Law, in Spanish
<http://ecuadorforestal.org/wp-content/uploads/2010/05/LEY-FORESTAL-Y-DE-CONSERVACION-DE-AREAS-NATURALES-Y-VIDA-SILVESTRE.pdf>
- PEFC-Brazil (CERFLOR)
<http://www.pefc.org/index.php/about-pefc/membership/national-members/31-Brazil>
- Status of Tropical Forest Management, ITTO 2011
http://www.itto.int/direct/topics/topics_pdf_download/topics_id=2660&no=0&disp=inline
- Tendencias de la Gobernanza Forestal en Colombia, Ecuador y Perú
<http://flegt.info/wp-content/uploads/2013/02/Gob-Forestal-Co-Ec-Pe-Junio20141.pdf>
- TRAFFIC
<http://www.traffic.org>
- Tomaselli, I, Hirakuri, S. R. & Pennon Saraiva, G., 2012 'Increasing competitiveness of the Brazilian forest sector' ETRN News 54: 42-50
www.etrn.org/file.php/39/1.6tomaselli-hirakuri-penno.pdf
- VERIFOR 'Giants Don't Leap: Verification in Brazil's Process towards Sustainable Forestry', Thiel, H. & Viergever, M., 2006
<http://www.odi.org.uk/sites/odi.org.uk/files/odi-assets/publications-opinion-files/4448.pdf>
- World Resources Institute 'Levelling the playing field for legal timber in Brazil', Nogueron, R. & Cheung, 2013
<http://insights.wri.org/news/2013/09/leveling-playing-field-legal-timber-brazil>



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TRADE ASSOCIATIONS AND FEDERATIONS

- Association of the Timber Industries Exporters in the State of Pará (AIMEX)
<http://www.aimex.com.br>
- Brazilian Association of Planted Forestry Producers
<http://www.abraflor.org.br>
- Unifloresta (producers from Pará)
<http://www.unifloresta.org.br/unifloresta/index.htm>
- Cipem (producers and exporters from Mato Grosso)
<http://www.cipem.org.br>
- Sinduscon SP - Union of companies of the construction sector of São Paulo State
<http://www.sindusconsp.com.br>
- Sindimasp - Union of companies that sell timber in São Paulo
<http://www.sindimasp.org.br>
- Forum Nacional de Atividades de Base Florestal (FNABF)
<http://www.forumflorestal.org.br>

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