

State of the Amazon

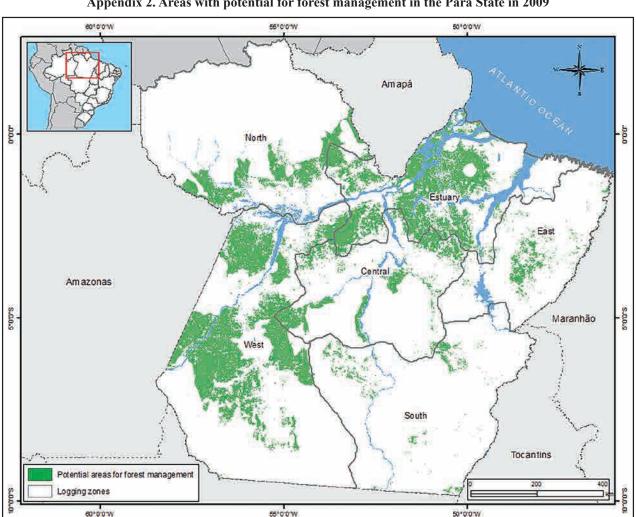
APPENDICES FOR THE STATE OF THE AMAZON NO. 20

Supply and demand of areas for forest management in the Pará State

Appendix 1. Method for calculating potential net forest supply in the Pará State, 2010

Areas considered for exclusion	% of State area	
State Area = 1,248,000 km ²	100	
(-) Full Protection UCs, Indigenous Lands, Military Areas and Trombetas Flota*	38.6	
(-) Deforestation consolidated (up to 2010), non-forest areas and water	23.2	
(-) Urban perimeter of municipal seats (radius of 20 km)	1.2	
(-) Heat spots (radius of 2 km)	18.7	
(-) Areas with altitude higher than 400 meters	0.8	
(-) APPs for hydrography (100 meters for major rivers and 30 meters for smaller drainages)	0.7	
Net Forest = 208,145 km ²	16.8	

^{*} The zoning called for in the Management Plans for the Paru, Trombetas and Faro Flotas already defines the area destined for forestry activity. The Trombetas Flota was excluded from the calculation because it does not provided for forestry activity areas in its zoning



Appendix 2. Areas with potential for forest management in the Pará State in 2009

www.imazon.org.br August 2011 Nº 20



State of the Amazon

Appendix 3. Scenarios for forest management by timber zone in Pará in 2004 and 2009 ■ Demand scenario 2009 ■Demand scenario 2004 109,160 120,000 100,000 56,923 Balance of area (km²) 80,000 60,000 40,000 1,194 20,000 0 West Estuary East South North Total Pará Central -20,000 -73 -40,000 -36,760 -60,000 -80,000

Appendix 4. Supply and demand projections for native and reforestation timber in Pará from 2011 to 2014

Legal sources of timber for the Pará forest sector	2011		2012		2013		2014	
	Area (ha)	Log Volume (m³)	Area (ha)	Log Volume (m³)	Area (ha)	Log Volume (m³)	Area (ha)	Log Volume (m³)
(A) Federal	350,690 (i)	262,995	962,362 (i)	670,776	2,063,825 (i)	1,405,085	2,335,201 (i)	1,586,002
concessions 11,690	202,993	32,079	070,770	68,794	1,403,003	77,840	1,500,002	
(B) State		-	694,300 (i)	578,583	784,300 (i)	653,583	984,300 (i)	786,917
Concessions	-		23,143	370,303	26,143		32,810	
(C) Autefs for native forest	209,062	4,181,236	210,542	4,210,841	210,542	4,210,841	210,542	4,210,841
(D) Autefs for reforestation	2,301	207,048	2,396	211,665	2,444	219,978	2,493	224,378
(F) Total supply (A+B+C+D)	223,052	4.651.279	268,160	5,675,866	307,924	6,489,488	323,685	6,808,138
(E) Projection of demand	330,000	6,600,000	330,000	6,600,000	330,000	6,600,000	330,000	6,600,000
Balance (F-E)	(106,948)	(1,948,721)	(61,840)	(924,134)	(22,076)	(110,512)	(6,315)	208,138

(i) Total area under forest concession



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Amapá 0.00 **Amazonas** Maranhão Potential areas for new Protected Areas Proposals of National Forests (FLONA) Tocantins Proposals of Indigenous Land Overlaps with Sustainable Development Projects (PDS) 60.00.M 5510'0'W 50'00'W

Appendix 5. Areas with potential for creation of new Protected Areas in Pará

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