

BRAZILIAN VOLUNTARY GOALS TO LIMIT GHG EMISSIONS IN 2020

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Scenarios for a Fast Transition to Sustainable Energy

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NGO Side Event to UNFCCC COP15

http://www.inforse.org/europe/conf09_COP15..htm

<http://www.lowcarbon-societies.eu/>



International Network for Sustainable Energy



Brazil's GHG Emissions and Mitigation Actions in 2020

GHG Emissions / Mitigation Actions Million tons CO₂eq / y	2005 Inventory Data	2020 BAU	2020 Mitigation Scenario	Reduction in 2020 M t CO₂eq	Reduction/ BAU Total in 2020 - %
Land Use Change	1268	1084	415	669	24.7%
Agriculture Husbandry	487	627	461 - 494	133 - 166	4.9 – 6.1%
Energy	362	901	694 - 735	166 - 207	6.1 – 7.7%
Others	86	92	82 - 84	8 - 10	0.3 – 0.4%
TOTAL	2203	2703	1652 - 1728	975 - 1052	36.1 – 38.9%

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Land Use Change	1268	1084	415	669	24.7%
REDD (Amazon)				564	20.9%
REDD (Savannah)				104	3.9%
Agriculture / Husbandry	487	627	461 - 494	133 - 166	4.9 – 6.1%
Pastures Recovery				83 – 104	3.1 – 3.8%
Agroforestry schemes				18 – 22	0.7 – 0.8%
Low / Zero tillage				16 – 20	0.6 – 0.7%
Biological nitrogen fixation				16 – 20	0.6 – 0.7%

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Energy	362	901	694 - 735	166 - 207	6.1 – 7.7%
Energy Efficiency				12 – 15	0.4 – 0.6%
Biofuels Increase				48 – 60	1.8 – 2.2%
Hydropower Increase				79 – 99	2.9 – 3.7%
Renewable power (SHPs, Biomass, Wind)				26 - 33	1.0 – 1.2%
Others	86	92	82 - 84	8 - 10	0.3 – 0.4%
Industrial Processes	37				
Waste	49				
Renewable Charcoal				8 - 10	0.3 – 0.4%

Thank you

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