



## UNFCCC Country Brief: Brazil

### A. Paris Agreement

Date NDC submitted	21-Sep-16
NDC type	Reduction vs. historical reference year
NDC adaptation component?	Yes
NDC mitigation highlight	Committed to reduce GHG emissions by 36% below 2005 levels in 2025; Indicative target for 2030 43% reduction below 2005 levels
Ratification date	21-Sep-16

### B. Key country indicators

	Global Rank	Global share	Value
CO2 emissions from fuel combustion <sup>1</sup> (2014)	11	1.47%	476.02 Mt CO2 Eq.
Population <sup>2</sup> (2015)	5	2.83%	207.85 Million
CO2 emissions (from fuel comb) per capita (2014)	82		2.09 tCO2 per capita
GDP Size <sup>2</sup> , PPP (2014)	7	3.02%	3061.43 billion int USD
GDP Size <sup>2</sup> , exchange rates (2014)	7	3.31%	2412.23 billion USD
UNDP human development index <sup>3</sup> (2014)	75		
GDP Structure <sup>2</sup> , % (2013)	Agriculture: 6, Industry: 25, Services: 69		
Share of GDP <sup>2</sup> , % (2013)	Imports: 15, Exports: 13		

### C. CO2 emissions and related indicators

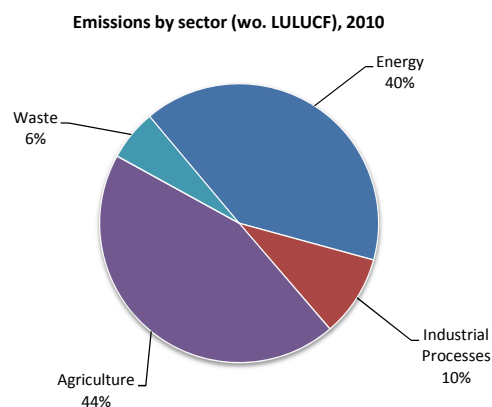
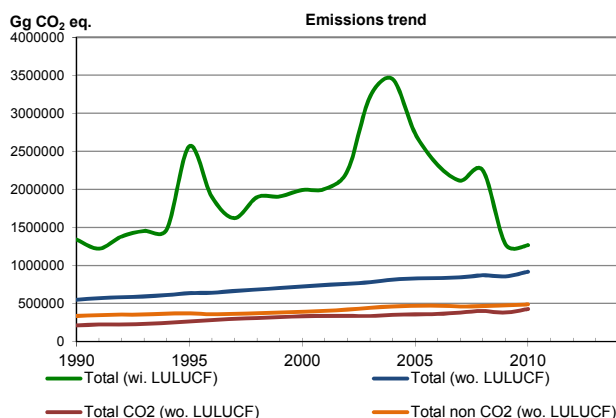
	Trend 1990-2014	1990	2000	2005	2010	2014	Change (%) 1990-2014	Growth rate (% per year) 1990-2014
Population, million <sup>2</sup>		150.39	175.79	188.48	198.61	206.08	37.0	1.3
GDP (billions 2011 USD PPP) <sup>2</sup>		1,540.90	1,987.87	2,298.94	2,861.22	3,124.64	102.8	3.0
TPES (Mtoe) <sup>4</sup>		140.21	187.44	215.33	265.88	303.24	116.3	3.3
CO2 emissions from fuel combustion (Mt) <sup>1</sup>		184.25	292.31	310.50	370.53	476.02	158.4	4.0
GDP per capita (thousand 2011 USD PPP)		10.25	11.31	12.20	14.41	15.16	48.0	1.6
CO2 / capita (t CO2)		1.23	1.66	1.65	1.87	2.31	88.5	2.7
CO2 / GDP (kg CO2 per USD 2011 PPP)		0.12	0.15	0.14	0.13	0.15	27.4	1.0
TPES per capita (toe)		0.93	1.07	1.14	1.34	1.47	57.8	1.9

### D. Energy profile<sup>4</sup>

	Trend 1990-2014	1990	2000	2005	2010	2014	Change (%) 1990-2014	Ratio of imports/exports to production (%) 1990	2014
Energy production		104.14	147.64	194.70	246.62	267.25	156.6	-	-
Energy imports		43.24	50.53	49.56	65.09	77.01	78.1	41.5	28.8
Energy exports		4.00	6.15	24.61	40.24	34.23	755.6	3.8	12.8

	Trend 1990-2014	1990	2000	2005	2010	2014	Change (%) 1990-2014	Share of TPES (%) 1990	2014
Oil		58.89	88.23	87.11	104.73	126.37	114.6	42.0	41.7
Coal		9.67	13.01	12.99	14.47	17.53	81.30	6.9	5.8
Gas		3.24	7.91	16.72	23.02	35.37	990.42	2.3	11.7
Hydro energy		17.78	26.18	29.02	34.68	32.12	80.66	12.7	10.6
Nuclear energy		0.58	1.58	2.57	3.78	4.01	587.44	0.4	1.3
Combust. renewables & waste		47.76	46.62	63.29	81.59	83.21	74.24	34.1	27.4
Wind/Solar/Geothermal		0.00	0.03	0.11	0.56	1.66	-	0.0	0.5
Other (electricity trade)		2.28	3.81	3.36	2.98	2.90	27.27	1.6	1.0
TPES		140.21	187.44	215.33	265.88	303.24	116.28	100.0	100.0

### E. GHG emissions information reported to the UNFCCC<sup>5</sup>



Detailed emissions information reported by Parties can be accessed via the UNFCCC's

[Data Interface](#)

[1] Source : IEA, CO2 Emissions from Fuel Combustion 2016  
 [2] Source : World Bank, World Development Indicators  
 [3] Source : UNDP, Human Development Indicators

[4] Source : IEA, World Energy Balances 2016  
 [5] Source : Information communicated by Parties to the Convention to the secretariat in their national communications, greenhouse gas inventory reports or biennial update reports