



## UNFCCC Country Brief: Indonesia

### A. Paris Agreement

Date NDC submitted	6-Nov-16
NDC type	Reduction vs. future BAU reference level
NDC adaptation component?	Yes
NDC mitigation highlight	Reduce emissions by 29% by 2030 relative to BAU; Conditional target: additional 12% emission reduction
Ratification date	31-Oct-16

### B. Key country indicators

	Global Rank	Global share	Value
CO2 emissions from fuel combustion <sup>1</sup> (2014)	13	1.35%	436.53 Mt CO2 Eq.
Population <sup>2</sup> (2016)	5	3.51%	261.12 Million
CO2 emissions (from fuel comb) per capita (2014)	91		
GDP Size <sup>2</sup> , PPP (2014)	8	2.47%	2501.42 billion int USD
GDP Size <sup>2</sup> , exchange rates (2014)	16	1.29%	942.54 billion USD
UNDP human development index <sup>3</sup> (2015)	113		
GDP Structure <sup>2</sup> , % (2013)	Agriculture: 14, Industry: 46, Services: 40		
Share of GDP <sup>2</sup> , % (2013)	Imports: 26, Exports: 24		

### 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>		181.44	211.54	226.71	242.52	255.13	40.6	1.4
GDP (billions 2011 USD PPP) <sup>2</sup>		839.21	1,228.16	1,547.23	2,045.33	2,552.10	204.1	4.7
TPES (Mtoe) <sup>4</sup>		98.65	155.66	179.77	212.11	225.51	128.6	3.5
CO2 emissions from fuel combustion (Mt) <sup>1</sup>		133.89	255.32	318.52	376.75	436.53	226.0	5.0
GDP per capita (thousand 2011 USD PPP)		4.63	5.81	6.82	8.43	10.00	116.3	3.3
CO2 / capita (t CO2)		0.74	1.21	1.40	1.55	1.71	131.9	3.6
CO2 / GDP (kg CO2 per USD 2011 PPP)		0.16	0.21	0.21	0.18	0.17	7.2	0.3
TPES per capita (toe)		0.54	0.74	0.79	0.87	0.88	62.6	2.0

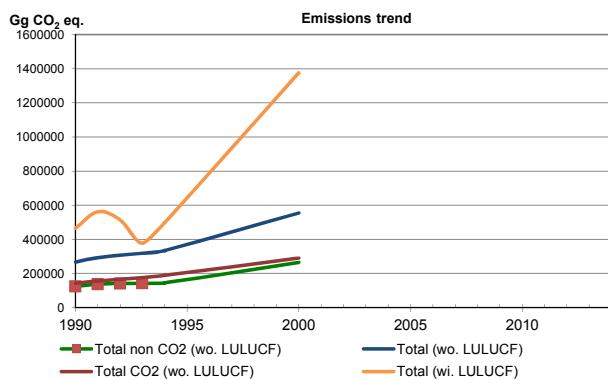
### D. Energy profile<sup>4</sup>

	Trend 1990-2014	1990	2000	2005	2010	2014	Change (%) 1990-2014	Ratio of imports/exports to production (%) 1990	2014
Energy production		168.55	237.48	280.28	379.77	458.00	171.7	-	-
Energy imports		9.85	25.69	40.76	45.50	57.11	479.8	5.8	12.5
Energy exports		78.89	106.99	140.63	212.26	288.56	265.8	46.8	63.0

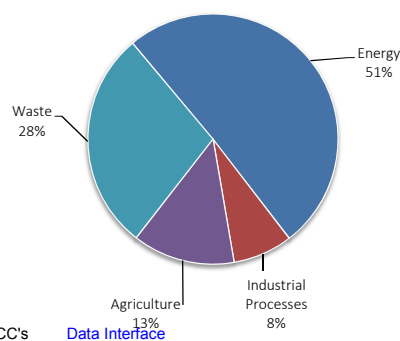
  

	Trend 1990-2014	1990	2000	2005	2010	2014	Change (%) 1990-2014	Share of TPES (%) 1990	2014
Oil		33.35	57.87	65.45	71.79	75.21	125.5	33.8	33.3
Coal		3.55	12.01	22.13	31.84	36.05	915.99	3.6	16.0
Gas		15.81	26.56	29.26	38.81	36.60	131.42	16.0	16.2
Hydro energy		0.49	0.86	0.92	1.50	1.30	165.38	0.5	0.6
Nuclear energy		0.00	0.00	0.00	0.00	0.00	-	0.0	0.0
Combust. renewables & waste		43.51	49.99	50.65	52.08	59.09	35.80	44.1	26.2
Wind/Solar/Geothermal		1.93	8.37	11.35	16.09	17.26	792.32	2.0	7.7
Other (electricity trade)		0.00	0.00	0.00	0.00	0.00	-	0.0	0.0
TPES		98.65	155.66	179.77	212.11	225.51	128.60	100.0	100.0

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



Emissions by sector (wo. LULUCF), 2000



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

[Data Interface](#)

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

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