21 Oct 2017
"Fiji COP23" Edition

Shown: 2025 & 2030: Min/max of unconditional and conditional targets

No quantification undertaken of the listed policies and measures. Constant per-capita emissions assumed after last reported data.

NDC Factsheet

Paris Agreement ratified on: 23/06/2017

Qatar

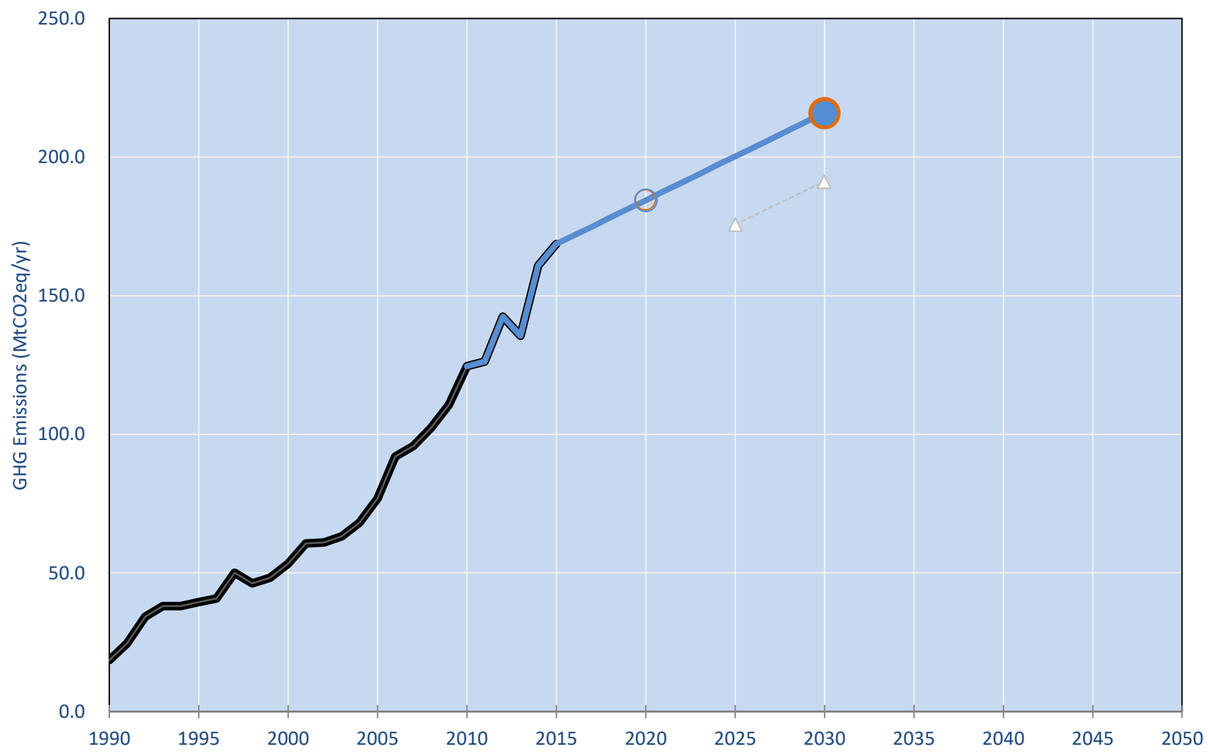
Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+3%**

	NDC 2025	NDC 2030	2015 World Rank	2025 World Rank	2030 World Rank
Share of World Emissions excl. LULUCF (Rank):			0.3% #43	0.4% #41	0.4% #41
Per-Capita Emissions (tCO2eq/cap)			75.5t #1	75.8t #1	77.6t #1

NDC: Economic diversification with mitigation benefits. . (GWP unclear)

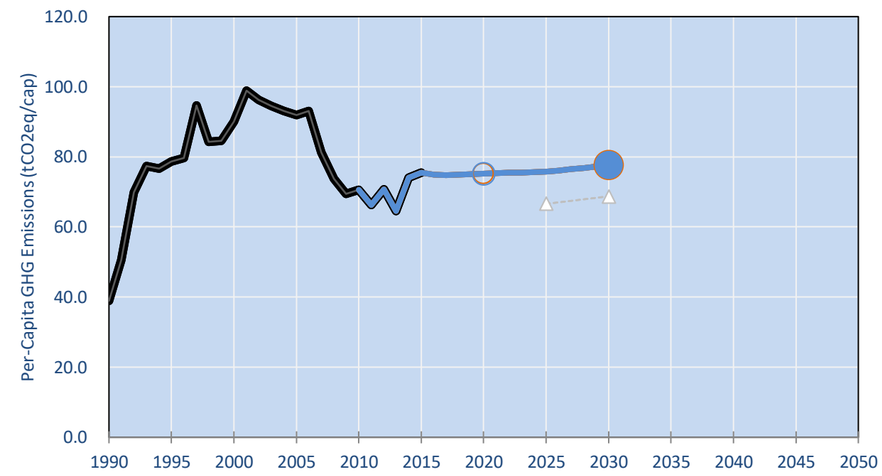
INDC Submitted: 20/11/2015

GHG Emissions

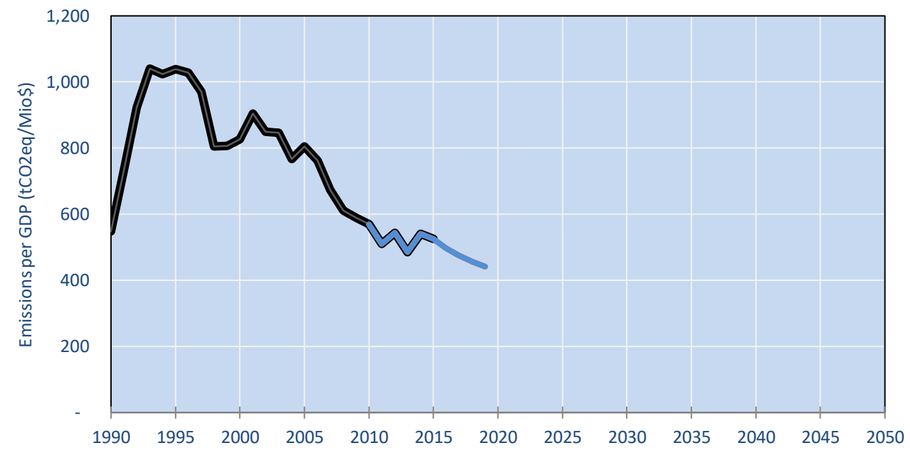


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH Cancun Pledges
- Reference LULUCF Emissions
- LOW INDC Levels
- LOW INDC Covered Emissions, excl. LULUCF
- HIGH INDC Levels
- HIGH INDC Covered Emissions, excl. LULUCF
- LOW Cancun Pledges
- Regional/Gas-specific BAU
- Not-covered GHG excl. LULUCF (Region Projection)

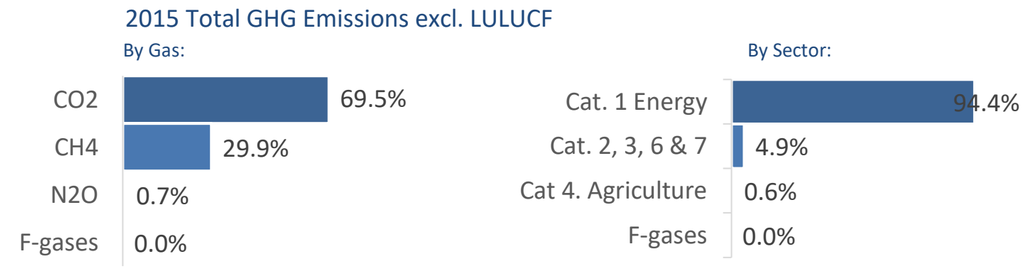
Per-Capita Emissions



GHG Emissions per GDP



2015 Total GHG Emissions excl. LULUCF



GHG Emissions

(MtCO2eq/yr in GWP AR4)	1990	2000	2005	2010	2015	2020 low	2020 high	2025 low	2025 high	2030 low	2030 high
Assumed LULUCF Accounting Credits (-)/Debits (+)											
NDC covered LULUCF Emissions	-	-	-	-	-	-	-	-	-	-	-
NDC covered Emissions excl. LULUCF	19	53	77	125	169	184	184	200	200	216	216
Total GHG excl. LULUCF	19	53	77	125	169	184	184	200	200	216	216
Total GHG incl. LULUCF	19	53	77	125	169	184	184	200	200	216	216

Relative GHG Emissions

Total excl. LULUCF	1990	2000	2005	2010	2015	2020 low	2020 high	2025 low	2025 high	2030 low	2030 high
Relative 1990	100%	288%	415%	672%	910%	995%	995%	1080%	1080%	1165%	1165%
Relative 2000	35%	100%	144%	233%	316%	345%	345%	375%	375%	404%	404%
Relative 2005	24%	69%	100%	162%	219%	240%	240%	260%	260%	281%	281%
Relative 2010	15%	43%	62%	100%	135%	148%	148%	161%	161%	173%	173%
Relative 2015	11%	32%	46%	74%	100%	109%	109%	119%	119%	128%	128%

Per-Capita Emissions

Total excl. LULUCF	1990	2000	2005	2010	2015	2020 low	2020 high	2025 low	2025 high	2030 low	2030 high
Population (Mio)	0	1	1	2	2	2	2	3	3	3	3
Per-Capita Emissions (tCO2eq/cap)	38.9	90.0	91.9	70.5	75.5	75.2	75.2	75.8	75.8	77.6	77.6
Relative 1990	100%	231%	236%	181%	194%	193%	193%	195%	195%	200%	200%
Relative 2000	43%	100%	102%	78%	84%	84%	84%	84%	84%	86%	86%
Relative 2005	42%	98%	100%	77%	82%	82%	82%	83%	83%	84%	84%
Relative 2010	55%	128%	130%	100%	107%	107%	107%	108%	108%	110%	110%
Relative 2015	52%	119%	122%	93%	100%	100%	100%	101%	101%	103%	103%

Data Sources:

Cat1_CO2	PRIMAPHIST17	Cat5A1_CO2	UNFCCC CRF + Nat. Comms.
Cat2367_CO2	PRIMAPHIST17	Cat5A2_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CO2	PRIMAPHIST17	Cat5LtoNonFL_CO	UNFCCC CRF + Nat. Comms.
Cat5_CO2	PRIMAPHIST17	Cat5GMCMWM_C	UNFCCC CRF
Cat1_CH4	PRIMAPHIST17	Cat5A1ForestFires	UNFCCC Cat5 + EDGAR(IPCC Database)
Cat2367_CH4	PRIMAPHIST17	Cat5A1HWP_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CH4	PRIMAPHIST17	Cat5bisA_CO2	UNFCCC CRF + NATCOMM.
Cat5_CH4	PRIMAPHIST17	Cat5bisB_CO2	UNFCCC CRF + NATCOMM.
Cat1_N2O	PRIMAPHIST17	Cat5bisC_CO2	UNFCCC CRF + NATCOMM.
Cat2367_N2O	PRIMAPHIST17	Cat5bisD_CO2	UNFCCC CRF + NATCOMM.
Cat4_N2O	PRIMAPHIST17	Cat5bisE_CO2	UNFCCC CRF + NATCOMM.
Cat5_N2O	PRIMAPHIST17	PRO_WM_Cat5_G	UNFCCC Annex I Reports
Cat0_HFCs	PRIMAPHIST17		
Cat0_PFCs	PRIMAPHIST17	Metric	GWP AR4
Cat0_SF6	PRIMAPHIST17		
Population	UN 2015 Population Projections MEDIUM		
GDP	IMF WEO 2015, PPP adjusted GDP, constant 2009 prices...		
IPCC WG3 Scenario	IMAGE | AMPERE2-550-FullTech-HST		

PRIMAPHIST16 description: www.pik-potsdam.de/primap-live/primap-hist/

Gratefully acknowledged in particular: PRIMAP, CAIT, CDIAC, EDGAR, IPCC, IEA, UNEP GAP Team, AMPERE Team and comments on earlier versions, in particular by Giacomo Grassi. Errors and misjudgements are our own. Malte Meinshausen & Ryan Alexander; The "Fiji COP23" Edition was enabled through support via the BMUB project UM14 41 4060

This Factsheet is available at www.climatecollege.unimelb.edu.au/indc-factsheets. Check out as well: www.climateactiontracker.org, www.mitigation-contributions.org, cait.wri.org, infographics.pbl.nl/indc, live.primap.org, www.unep.org/climatechange/pledgepipeline, and our twitter feed @ClimateCollege

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AUSTRALIAN-GERMAN CLIMATE & ENERGY COLLEGE

Meinshausen, Alexander et al., www.climatecollege.unimelb.edu.au/indc-factsheets, The University of Melbourne

Various 'fair' contributions for a global 'least-cost' 2°C path (total incl. LULUCF):

More info on www.mitigation-contributions.org

	2025 rel. 2010:	2030 rel. 2010:
LEADER	#N/A	#N/A
CDC	#N/A	#N/A
ECPC50	#N/A	#N/A
ECPC90	#N/A	#N/A
GDR	#N/A	#N/A
INDC HIGH	61%	73%
INDC LOW	61%	73%

"Fair" contributions for a global 'least-cost' 2°C track:

- LEADER Leader
- CDC Common-but-diff. per-cap. convergence
- ECPC50 Eq. cum. Per-capita since 1950
- ECPC90 Eq. cum. Per-capita since 1990
- GDR Greenhouse Development Rights
- #N/A No available data