21 Oct 2017
"Fiji COP23" Edition

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

2005 historical emission differences in terms of shape.
Assumption: No FL-FL

NDC Factsheet

Paris Agreement ratified on: 25/01/2017

Guatemala

Shown are averages for low and high or conditional and unconditional INDCs and their inter-/extrapolations

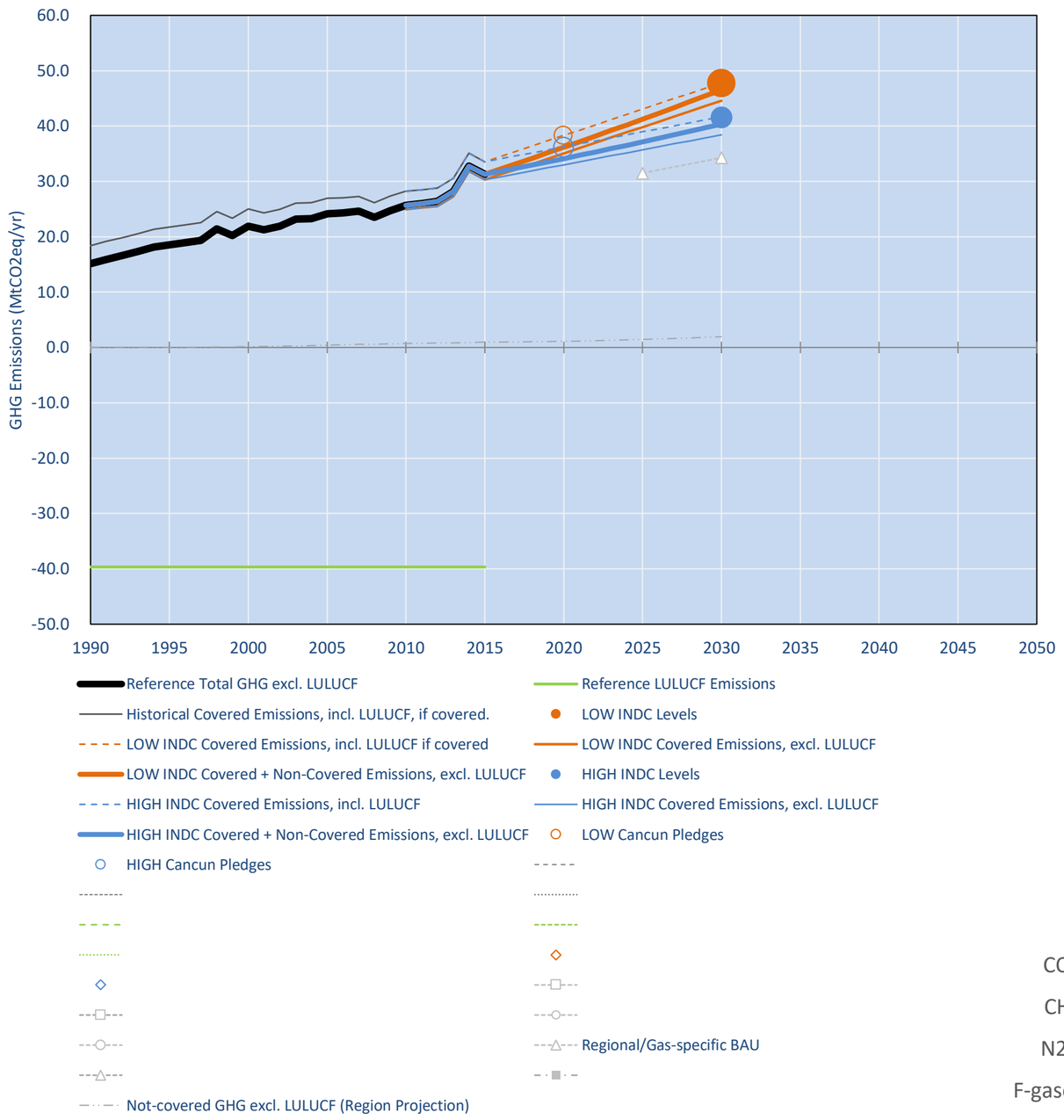
Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+6%**

NDC 2025	NDC 2030		2015 World Rank	2025 World Rank	2030 World Rank
	-11% rel. BAU of 53.9 Mt	Share of World Emissions excl. LULUCF (Rank):	0.1% #101	0.1% #101	0.1% #99
	-23% rel. BAU of 53.9 Mt	Per-Capita Emissions (tCO2eq/cap)	1.9t #152	2t #156	2t #151

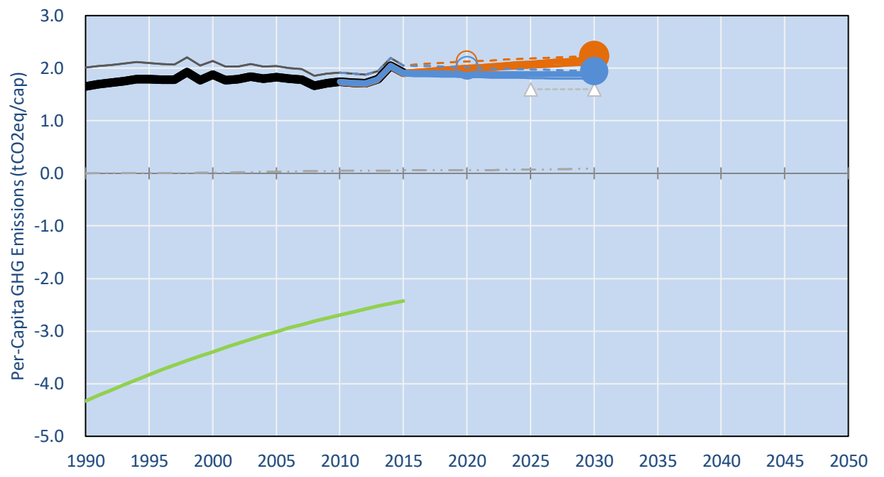
NDC: 11.2% GHG emissions reduction compared to BAU by 2030Conditional target: up to 22.6% reduction pending on international and private resources. (GWP SAR)

INDC Submitted: **30/09/2015**

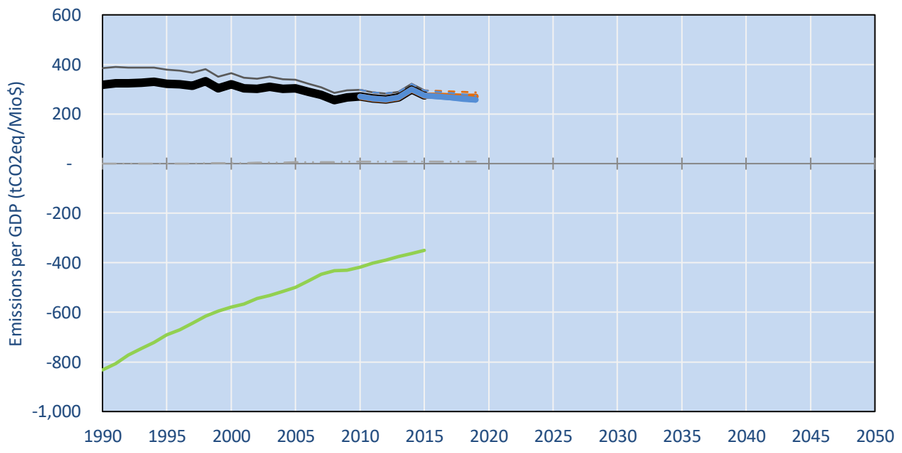
GHG Emissions



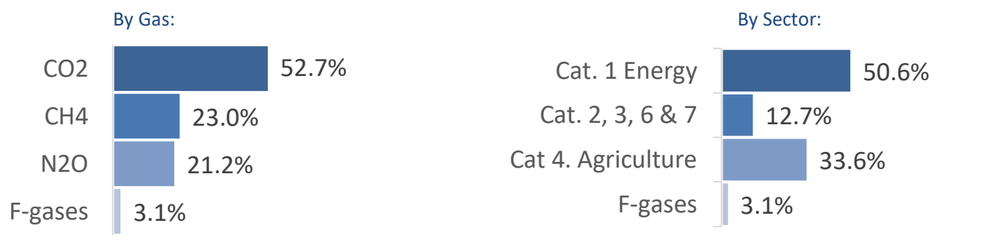
Per-Capita Emissions



GHG Emissions per GDP



2015 Total GHG Emissions excl. LULUCF



GHG Emissions

(MtCO2eq/yr in GWP SAR)	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	3	3	3	3	3	3	3	3	3	3	3
NDC covered Emissions excl. LULUCF	15	22	24	25	30	35	33	40	36	45	38
Total GHG excl. LULUCF	15	22	24	26	31	36	34	41	37	47	40
Total GHG incl. LULUCF	- 25	- 18	- 16	- 14	- 8	- 3	- 6	2	- 3	7	1

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%	145%	159%	170%	207%	239%	225%	272%	245%	307%	267%
Relative 2000	69%	100%	110%	117%	143%	165%	156%	188%	170%	212%	184%
Relative 2005	63%	91%	100%	106%	130%	150%	141%	171%	154%	193%	167%
Relative 2010	59%	85%	94%	100%	122%	141%	133%	161%	145%	181%	157%
Relative 2015	48%	70%	77%	82%	100%	116%	109%	132%	119%	149%	129%

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)	9	12	13	15	16	18	18	20	20	21	21
Per-Capita Emissions (tCO2eq/cap)	1.7	1.9	1.8	1.7	1.9	2.0	1.9	2.1	1.9	2.2	1.9
Relative 1990	100%	113%	111%	105%	116%	121%	115%	127%	114%	131%	114%
Relative 2000	88%	100%	98%	93%	102%	107%	101%	112%	101%	116%	101%
Relative 2005	90%	102%	100%	95%	105%	110%	103%	114%	103%	119%	103%
Relative 2010	95%	107%	105%	100%	110%	115%	109%	120%	108%	125%	108%
Relative 2015	86%	98%	96%	91%	100%	105%	99%	109%	98%	113%	98%

Data Sources:

Cat1_CO2	PRIMAPHIST17
Cat2367_CO2	PRIMAPHIST17
Cat4_CO2	PRIMAPHIST17
Cat5_CO2	PRIMAPHIST17
Cat1_CH4	PRIMAPHIST17
Cat2367_CH4	PRIMAPHIST17
Cat4_CH4	PRIMAPHIST17
Cat5_CH4	PRIMAPHIST17
Cat1_N2O	PRIMAPHIST17
Cat2367_N2O	PRIMAPHIST17
Cat4_N2O	PRIMAPHIST17
Cat5_N2O	PRIMAPHIST17
Cat0_HFCs	PRIMAPHIST17
Cat0_PFCs	PRIMAPHIST17
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

Cat5A1_CO2	UNFCCC CRF + Nat. Comms.
Cat5A2_CO2	UNFCCC CRF + Nat. Comms.
Cat5LtoNonFL_CO	UNFCCC CRF + Nat. Comms.
Cat5GMCMWM_C	UNFCCC CRF
Cat5A1ForestFires	UNFCCC Cat5 + EDGAR(IPCC Database)
Cat5A1HWP_CO2	UNFCCC CRF + Nat. Comms.
Cat5bisA_CO2	UNFCCC CRF + NATCOMM.
Cat5bisB_CO2	UNFCCC CRF + NATCOMM.
Cat5bisC_CO2	UNFCCC CRF + NATCOMM.
Cat5bisD_CO2	UNFCCC CRF + NATCOMM.
Cat5bisE_CO2	UNFCCC CRF + NATCOMM.
PRO_WM_Cat5_G	UNFCCC Annex I Reports
Metric	GWP SAR

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

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

More info on www.mitigation-contributions.org

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

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

No results shown, as 2010 total incl. LULUCF emissions below zero

"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

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