21 Oct 2017
"Fiji COP23" Edition

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

World emissions here do not contain land-use, but aggregate LULUCF emissions. Not directly comparable to IPCC AR5 scenarios.

NDC/INDC Factsheet

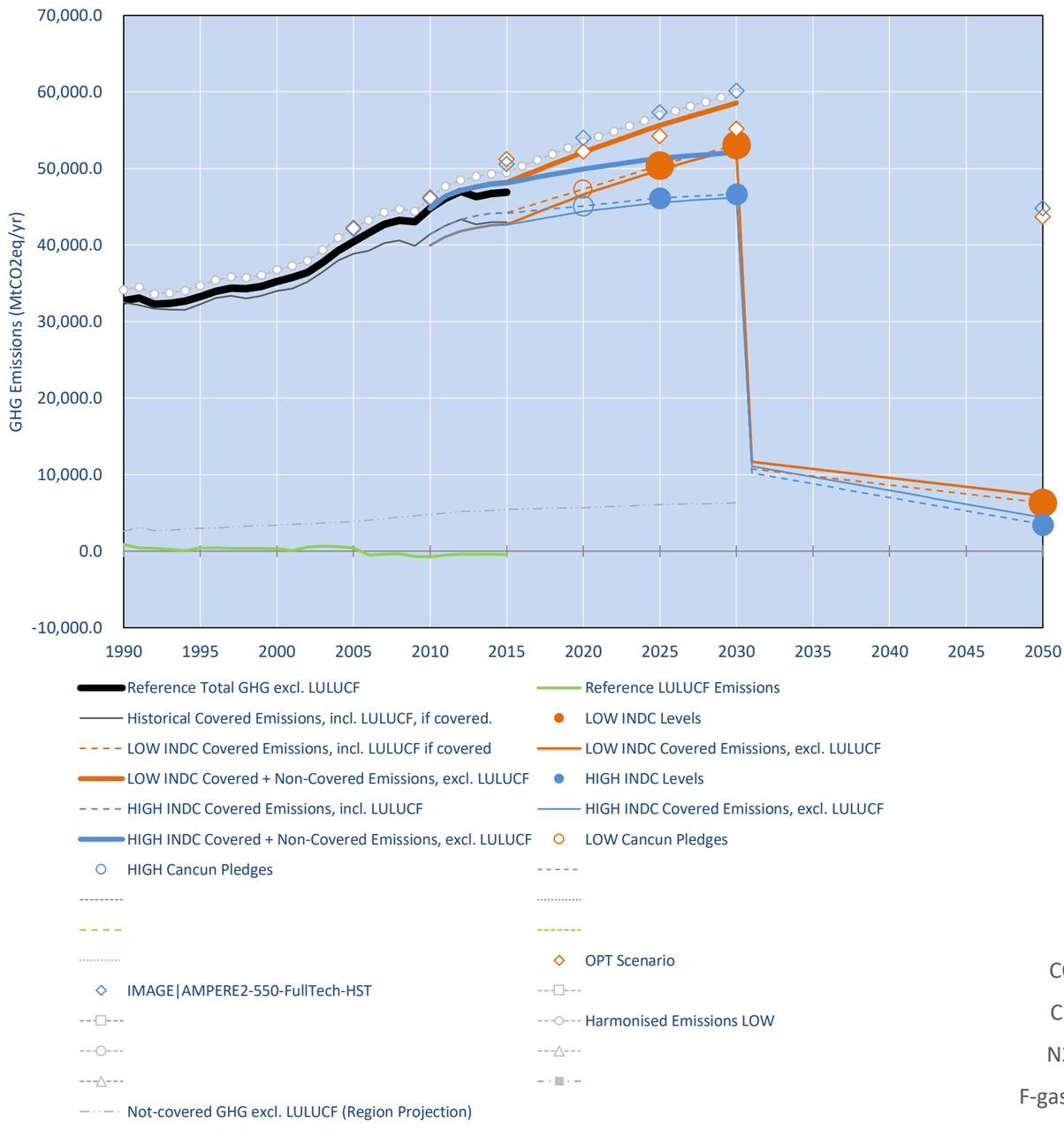
World

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): -1%

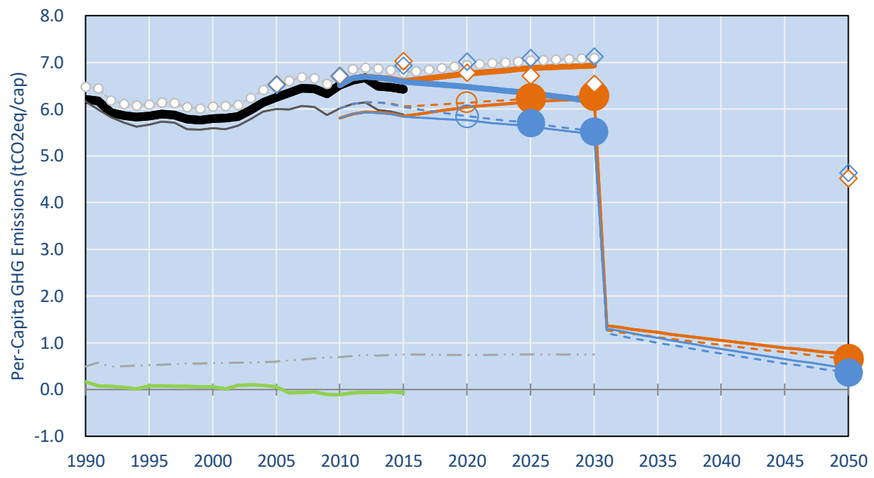
	2015	2025	2030
Share of World Emissions excl. LULUCF (Rank):	100.0%	100.0%	100.0%
Per-Capita Emissions (tCO2eq/cap)	6.6t	6.6t	6.5t

INDC Submitted: ##########

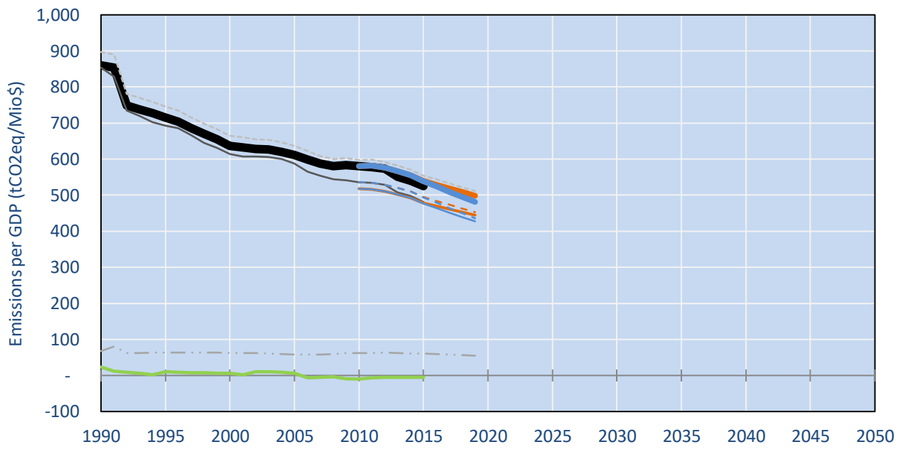
GHG Emissions



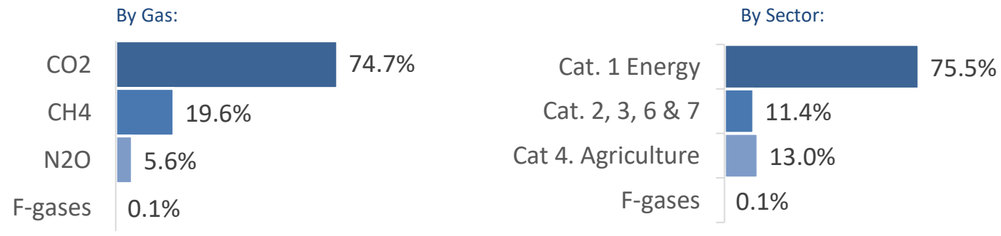
Per-Capita Emissions



GHG Emissions per GDP



2015 Total GHG Emissions excl. LULUCF



GHG Emissions

(MtCO2eq/yr in GWP AR5)	1990	2000	2005	2010	2015	2020 low	2020 high	2025 low	2025 high	2030 low	2030 high
Assumed LULUCF Accounting Credits (-)/Debits (+)						-	-				
NDC/INDC covered LULUCF Emissions	2,359	2,181	2,287	1,423	1,524	698	698	584	584	470	470
NDC/INDC covered Emissions excl. LULUCF	30,140	31,841	36,562	39,970	42,704	46,593	44,406	49,843	45,576	52,647	46,196
Total GHG excl. LULUCF	32,738	35,268	40,424	44,779	48,185	52,149	49,961	55,627	51,360	58,568	52,118
Total GHG incl. LULUCF	33,622	35,601	40,828	44,028	47,707	50,276	48,088	53,691	49,424	56,545	50,096
Total GHG incl. land-use, harmonised	39,440	41,292	45,924	49,172		54,406	52,219	58,021	53,754	60,832	54,383

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%	108%	123%	137%	147%	159%	153%	170%	157%	179%	159%
Relative 2000	93%	100%	115%	127%	137%	148%	142%	158%	146%	166%	148%
Relative 2005	81%	87%	100%	111%	119%	129%	124%	138%	127%	145%	129%
Relative 2010	73%	79%	90%	100%	108%	116%	112%	124%	115%	131%	116%
Relative 2015	68%	73%	84%	93%	100%	108%	104%	115%	107%	122%	108%

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)	5,272	6,079	6,471	6,882	7,303	7,711	7,711	8,093	8,093	8,451	8,451
Per-Capita Emissions (tCO2eq/cap)	6.2	5.8	6.2	6.5	6.6	6.8	6.5	6.9	6.3	6.9	6.2
Relative 1990	100%	93%	101%	105%	106%	109%	104%	111%	102%	112%	99%
Relative 2000	107%	100%	108%	112%	114%	117%	112%	118%	109%	119%	106%
Relative 2005	99%	93%	100%	104%	106%	108%	104%	110%	102%	111%	99%
Relative 2010	95%	89%	96%	100%	101%	104%	100%	106%	98%	106%	95%
Relative 2015	94%	88%	95%	99%	100%	103%	98%	104%	96%	105%	93%

Data Sources:

Cat1_CO2	Def: PRIMAPHIST17
Cat2367_CO2	Def: PRIMAPHIST17
Cat4_CO2	Def: PRIMAPHIST17
Cat5_CO2	Def: PRIMAPHIST17
Cat1_CH4	Def: PRIMAPHIST17
Cat2367_CH4	Def: PRIMAPHIST17
Cat4_CH4	Def: PRIMAPHIST17
Cat5_CH4	Def: PRIMAPHIST17
Cat1_N2O	Def: PRIMAPHIST17
Cat2367_N2O	Def: PRIMAPHIST17
Cat4_N2O	Def: PRIMAPHIST17
Cat5_N2O	Def: PRIMAPHIST17
Cat0_HFCs	Def: PRIMAPHIST17
Cat0_PFCs	Def: PRIMAPHIST17
Cat0_SF6	Def: PRIMAPHIST17
Population	Def: UN 2015 Population Projections MEDIUM
GDP	Def: IMF WEO 2015, PPP adjusted GDP, constant 2009 prices...
IPCC WG3 Scenario	IMAGE | AMPERE2-550-FullTech-HST

Cat5A1_CO2	Def: UNFCCC CRF + Nat. Comms.
Cat5A2_CO2	Def: UNFCCC CRF + Nat. Comms.
Cat5LtoNonFL_CO	Def: UNFCCC CRF + Nat. Comms.
Cat5GMCMWM_C	Def: UNFCCC CRF
Cat5A1ForestFires	Def: UNFCCC Cat5 + EDGAR(IPCC Database)
Cat5A1HWP_CO2	Def: UNFCCC CRF + Nat. Comms.
Cat5bisA_CO2	Def: UNFCCC CRF + NATCOMM.
Cat5bisB_CO2	Def: UNFCCC CRF + NATCOMM.
Cat5bisC_CO2	Def: UNFCCC CRF + NATCOMM.
Cat5bisD_CO2	Def: UNFCCC CRF + NATCOMM.
Cat5bisE_CO2	Def: UNFCCC CRF + NATCOMM.
PRO_WM_Cat5_G	Def: UNFCCC Annex I Reports
Metric	GWP AR5

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

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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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THE UNIVERSITY OF MELBOURNE

AUSTRALIAN-GERMAN CLIMATE & ENERGY COLLEGE

PIK

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:

"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