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

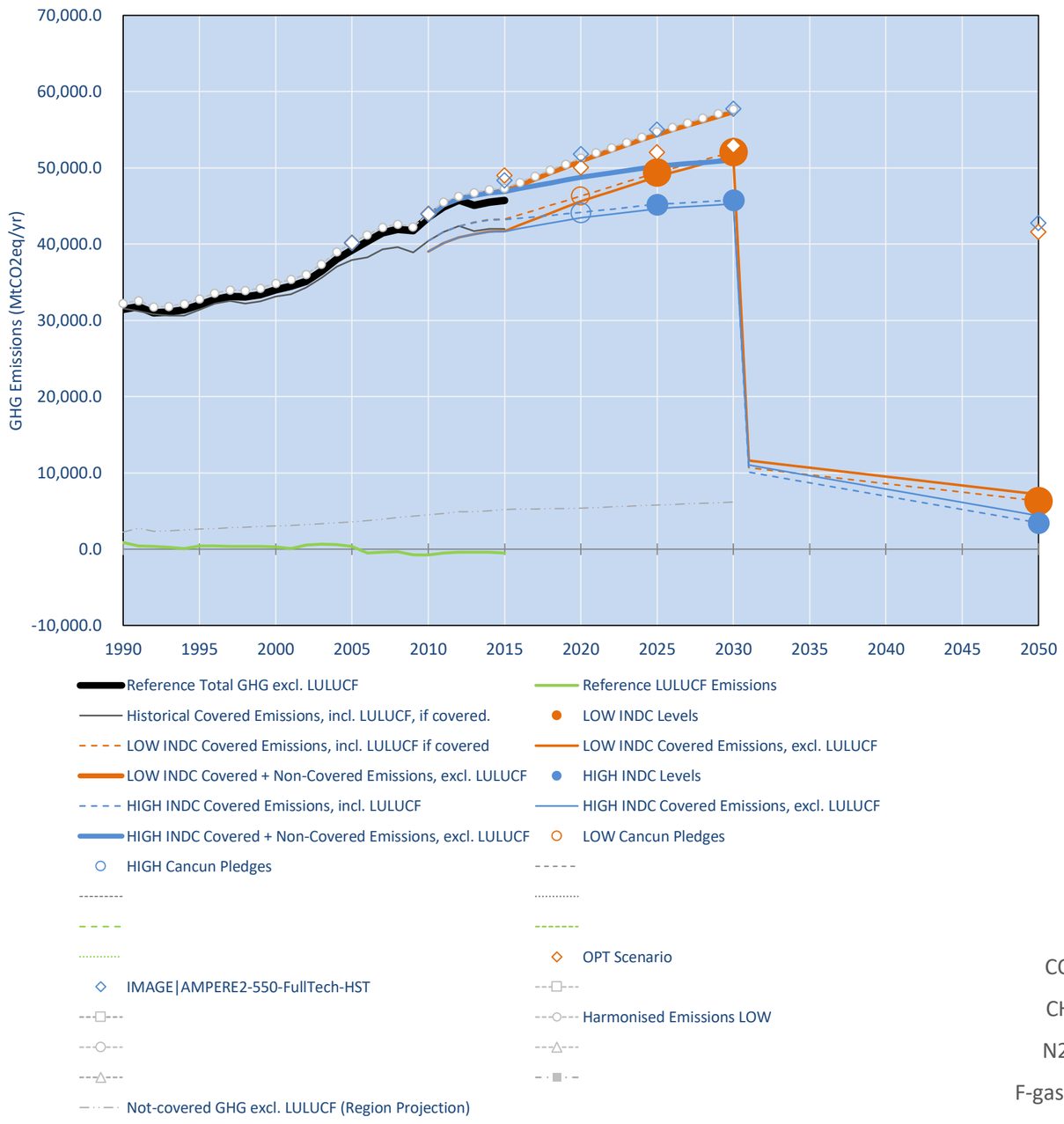
World

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): -0%

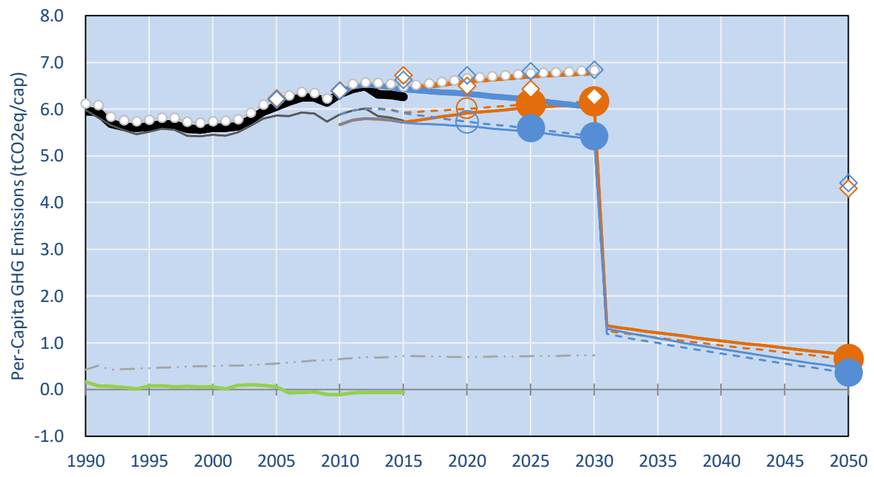
	2015	2025	2030
Share of World Emissions excl. LULUCF (Rank):	100.0%	100.0%	100.0%
Per-Capita Emissions (tCO2eq/cap)	6.4t	6.5t	6.4t

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

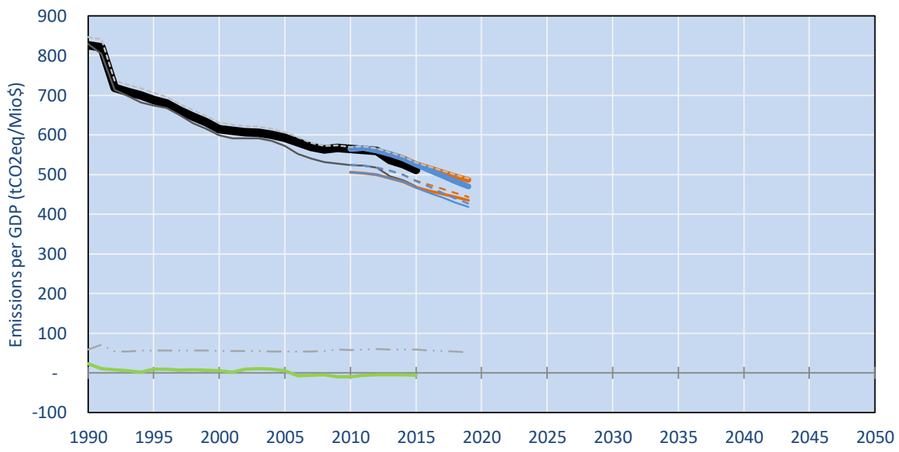
GHG Emissions



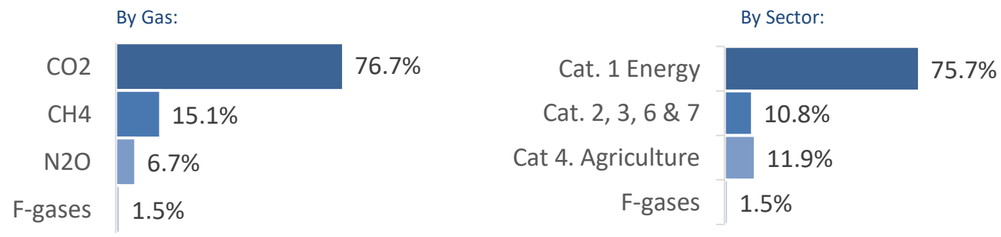
Per-Capita Emissions



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/INDC covered LULUCF Emissions	2,359	2,180	2,285	1,423	1,523	699	699	585	585	471	471
NDC/INDC covered Emissions excl. LULUCF	29,197	30,972	35,624	39,031	41,741	45,606	43,462	48,834	44,655	51,611	45,304
Total GHG excl. LULUCF	31,439	34,028	39,182	43,523	46,971	50,925	48,782	54,388	50,209	57,355	51,051
Total GHG incl. LULUCF	32,315	34,354	39,578	42,765	46,486	49,053	46,909	52,453	48,274	55,333	49,028
Total GHG incl. land-use, harmonised	37,523	39,390	43,927	46,998		52,212	50,069	55,812	51,634	58,649	52,345

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%	125%	138%	149%	162%	155%	173%	160%	182%	162%
Relative 2000	92%	100%	115%	128%	138%	150%	143%	160%	148%	169%	150%
Relative 2005	80%	87%	100%	111%	120%	130%	125%	139%	128%	146%	130%
Relative 2010	72%	78%	90%	100%	108%	117%	112%	125%	115%	132%	117%
Relative 2015	67%	72%	83%	93%	100%	108%	104%	116%	107%	122%	109%

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)	6.0	5.6	6.1	6.3	6.4	6.6	6.3	6.7	6.2	6.8	6.0
Relative 1990	100%	94%	102%	106%	108%	111%	106%	113%	104%	114%	101%
Relative 2000	107%	100%	108%	113%	115%	118%	113%	120%	111%	121%	108%
Relative 2005	98%	92%	100%	104%	106%	109%	104%	111%	102%	112%	100%
Relative 2010	94%	89%	96%	100%	102%	104%	100%	106%	98%	107%	96%
Relative 2015	93%	87%	94%	98%	100%	103%	98%	104%	96%	106%	94%

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 SAR

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

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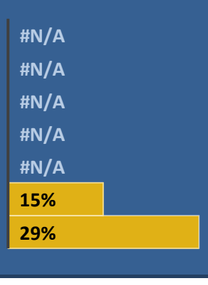
PIK

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