

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

Paris Agreement ratified on: 03/09/2016

United States of America

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

-27%

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

-26% -28% rel.2005

Share of World Emissions excl. LULUCF (Rank):

13.5% #2

11.1% #2

9.5% #2

Per-Capita Emissions (tCO2eq/cap)

20.2t #8

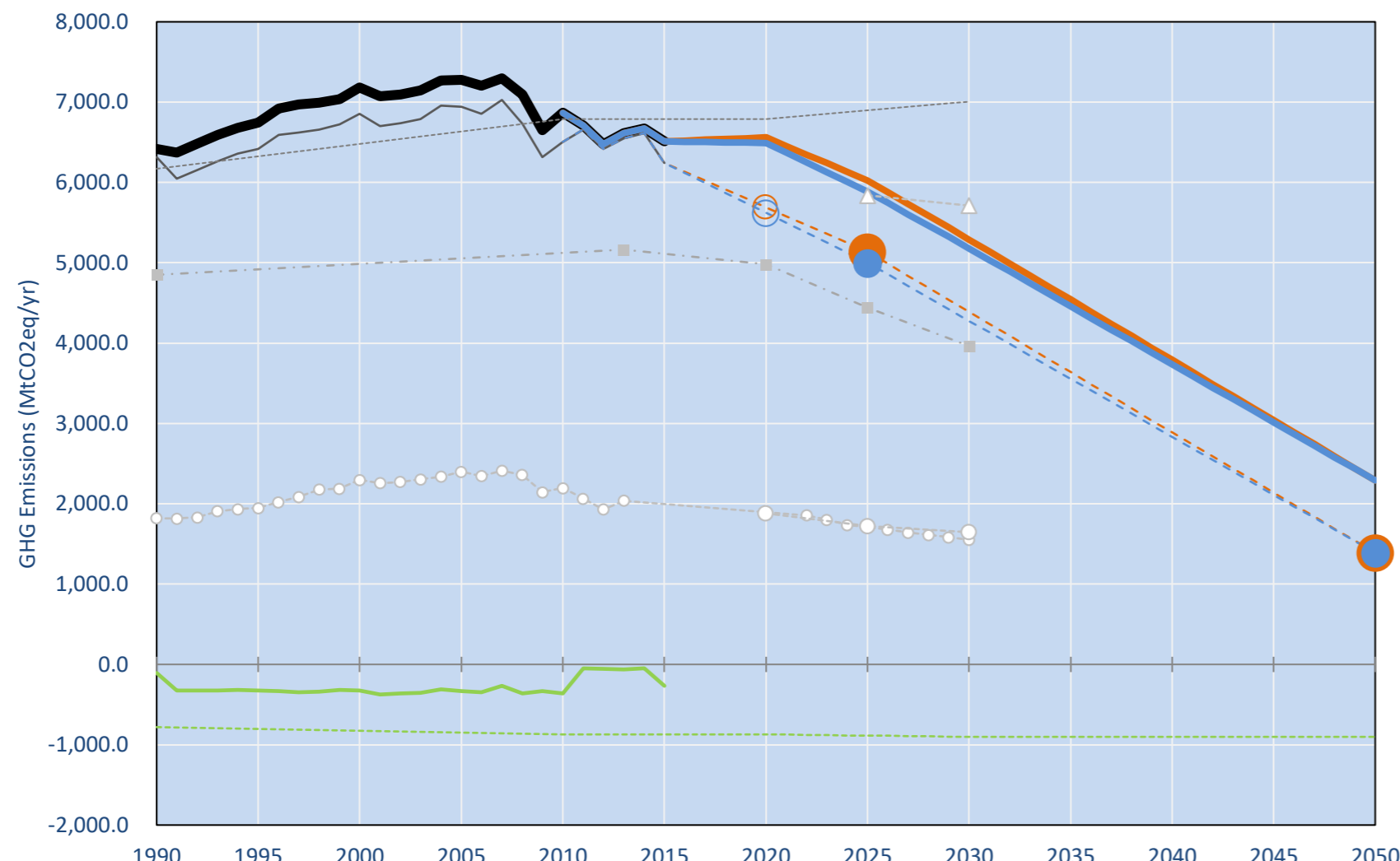
17.3t #15

14.7t #17

NDC: Reduce GHG emissions by 26-28 per cent below its 2005 level in 2025 and to make best efforts to reduce its emissions by 28%.. (GWP AR4)

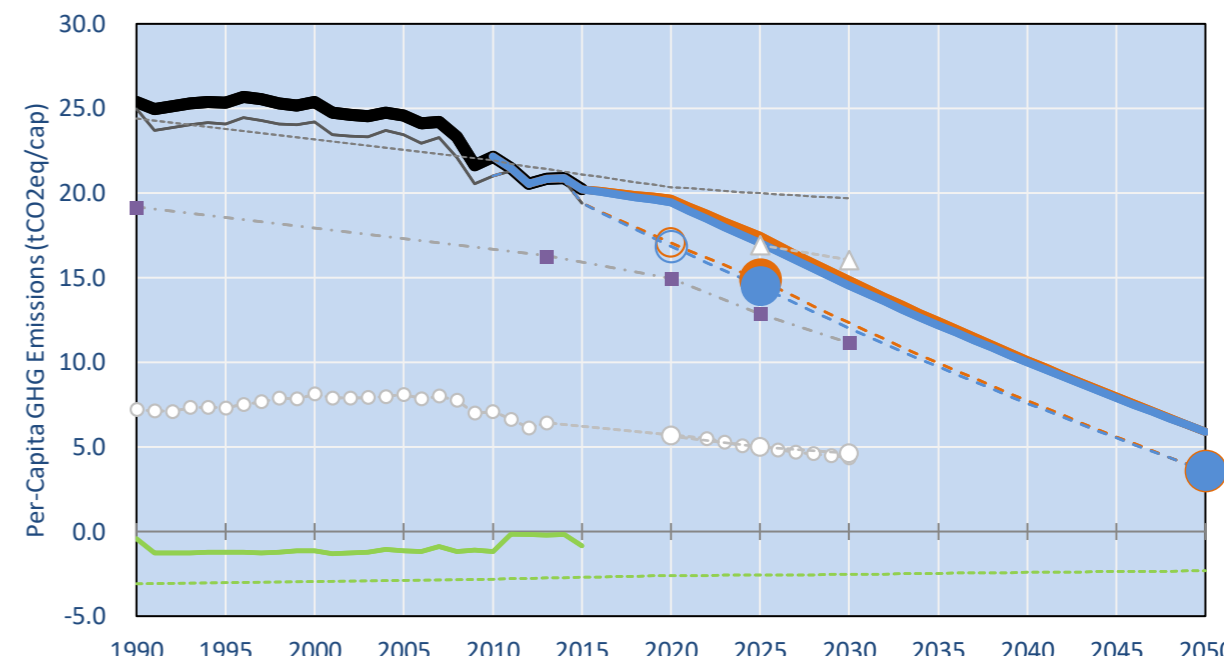
INDC Submitted: 31/03/2015

GHG Emissions

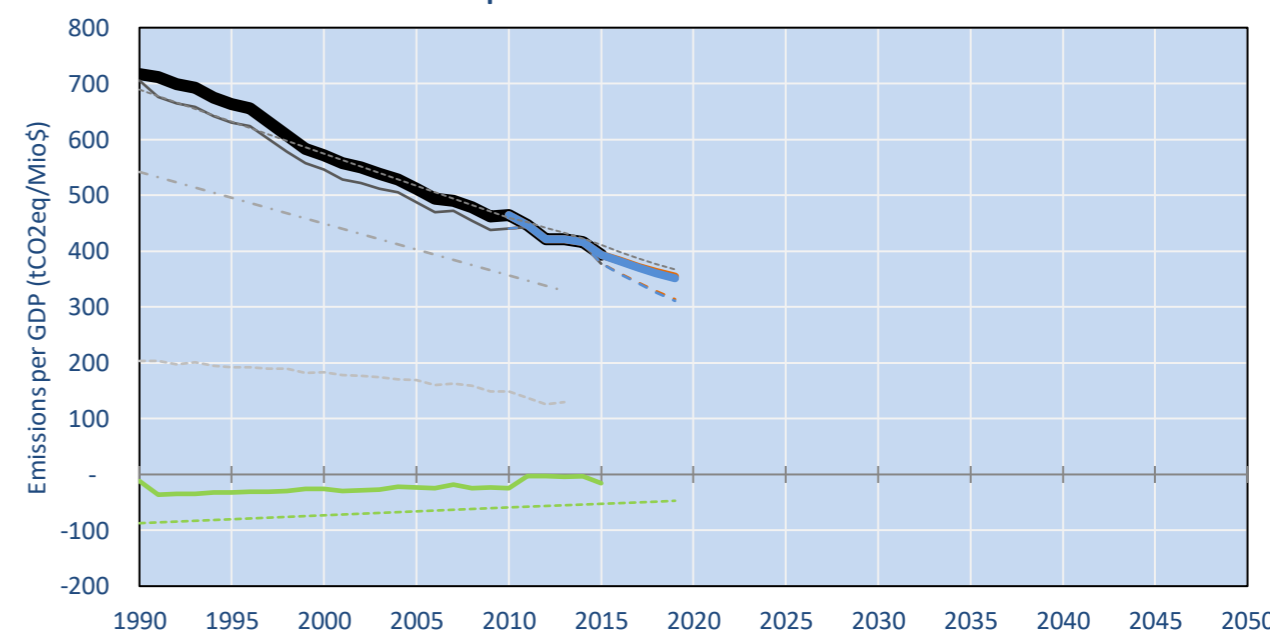


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH Cancun Pledges
- WM Total excl. LULUCF Projections
- WM LULUCF Projections
- USA Clean Pow Act Aug 2013 (+Compl.); Hist. Cat. 1A1a
- Regional/Gas-specific BAU
- Comparison II Timeseries HIGH
- Reference LULUCF Emissions
- LOW INDC Levels
- LOW INDC Covered Emissions, excl. LULUCF
- HIGH INDC Levels
- HIGH INDC Covered Emissions, excl. LULUCF
- LOW Cancun Pledges
- Not-covered GHG excl. LULUCF (Region Projection)

Per-Capita Emissions

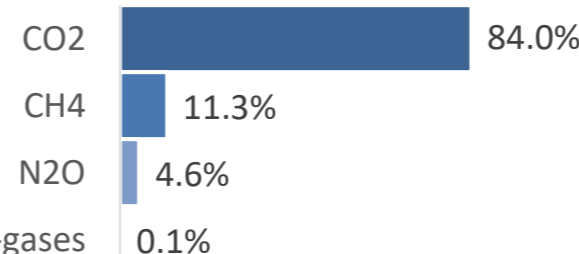


GHG Emissions per GDP

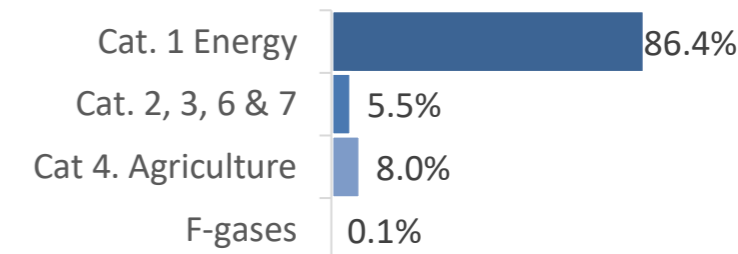


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
(MtCO2eq/yr in GWP AR5)						low high	low high	low high
Assumed LULUCF Accounting Credits (-)/Debits (+)						4 4		
NDC covered LULUCF Emissions	-	103 -	328 -	335 -	360 -	265 -	871 -	871 -
NDC covered Emissions excl. LULUCF	6,419	7,181	7,279	6,866	6,510	6,562	6,493	6,025
Total GHG excl. LULUCF	6,419	7,181	7,279	6,866	6,510	6,562	6,493	6,025
Total GHG incl. LULUCF	6,316	6,853	6,944	6,506	6,244	5,691	5,622	5,139

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
Total excl. LULUCF						low high	low high	low high
Relative 1990	100%	112%	113%	107%	101%	102%	101%	94%
Relative 2000	89%	100%	101%	96%	91%	91%	90%	82%
Relative 2005	88%	99%	100%	94%	89%	89%	89%	81%
Relative 2010	93%	105%	106%	100%	95%	96%	95%	88%
Relative 2015	99%	110%	112%	105%	100%	101%	100%	93%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
Total excl. LULUCF						low high	low high	low high
Population (Mio)	253	283	296	310	322	334	334	345
Per-Capita Emissions (tCO2eq/cap)	25.4	25.4	24.6	22.2	20.2	19.7	19.5	17.5
Relative 1990	100%	100%	97%	87%	80%	77%	77%	69%
Relative 2000	100%	100%	97%	87%	80%	77%	77%	67%
Relative 2005	103%	103%	100%	90%	82%	79%	71%	69%
Relative 2010	115%	115%	111%	100%	91%	88%	79%	77%
Relative 2015	125%	125%	121%	110%	100%	97%	96%	84%

Data Sources:

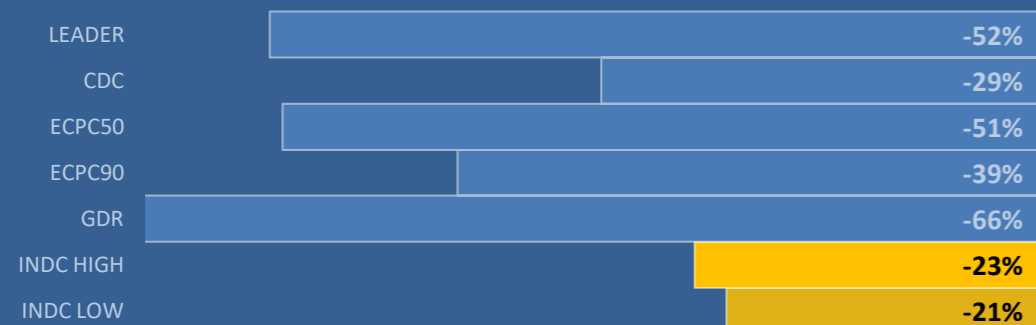
- Cat1_CO2 PRIMAPHIST17
- Cat2367_CO2 PRIMAPHIST17
- Cat4_CO2 PRIMAPHIST17
- Cat5_CO2 PRIMAPHIST17
- Cat1_CH4 PRIMAPHIST17
- Cat2367_CH4 PRIMAPHIST17
- Cat4_CH4 PRIMAPHIST17
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- Cat1_N2O PRIMAPHIST17
- Cat2367_N2O PRIMAPHIST17
- Cat4_N2O PRIMAPHIST17
- 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
- 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
- Cat5A1_CO2 UNFCCC CRF + Nat. Comms.
- Cat5A2_CO2 UNFCCC CRF + Nat. Comms.
- Cat5LtoNonFL_CO UNFCCC CRF + Nat. Comms.
- Cat5GMCMWWM_C UNFCCC CRF + Nat. Comms.
- 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 AR5

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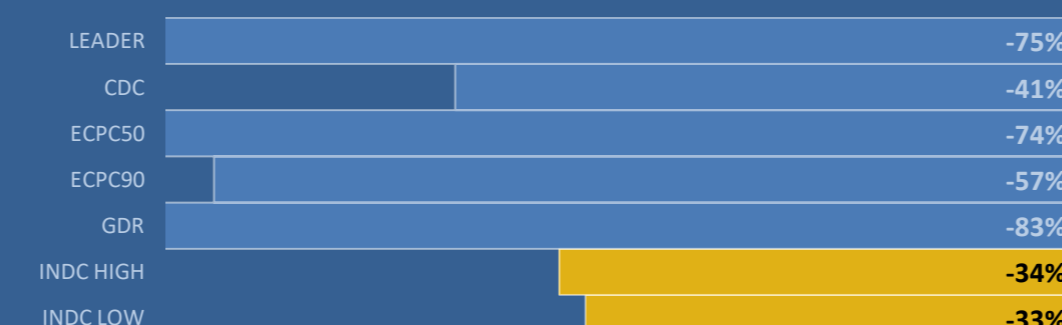


Various 'fair' contributions for a global 'least-cost' 2°C path (total incl. LULUCF):

2025 rel. 2010:



2030 rel. 2010:



More info on www.mitigation-contributions.org

"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