

Paris Agreement ratified on: 23/11/2016

Afghanistan

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+9%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

0% -14% rel. BAU of 48.9 Mt

Share of World Emissions excl. LULUCF (Rank):

0.1% #99

0.1% #96

0.1% #92

Per-Capita Emissions (tCO2eq/cap)

1.1t #187

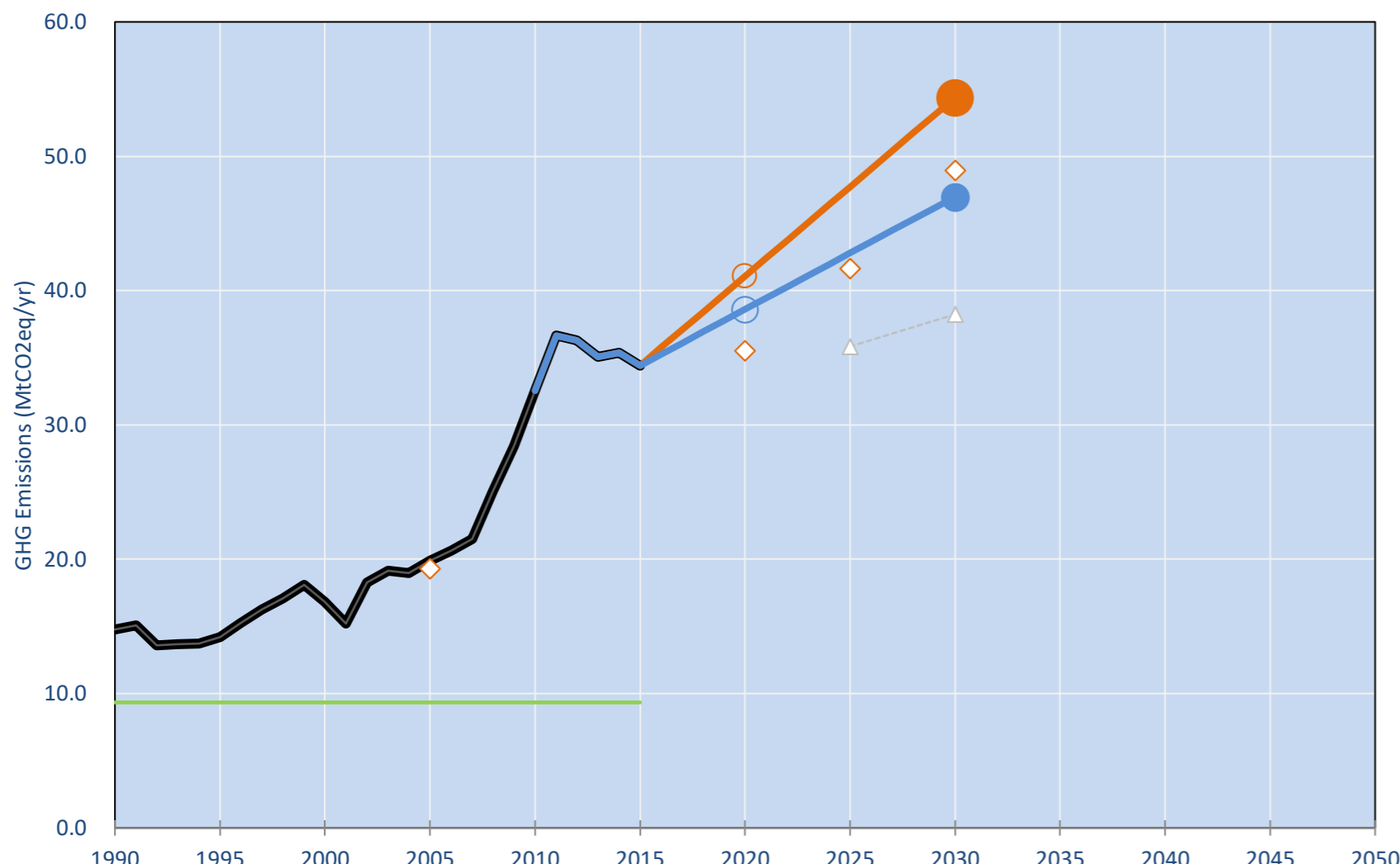
1.1t #185

1.2t #181

NDC: 0 to 14% reduction below specified BAU. (GWP SAR)

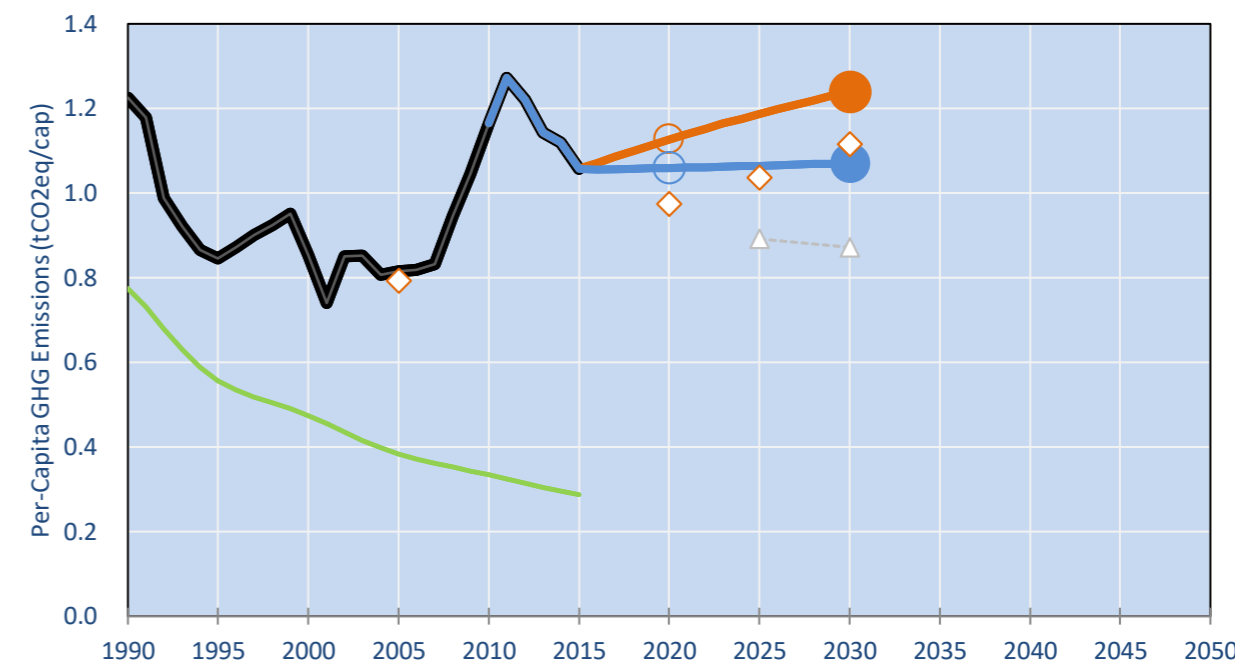
INDC Submitted: 13/10/2015

GHG Emissions

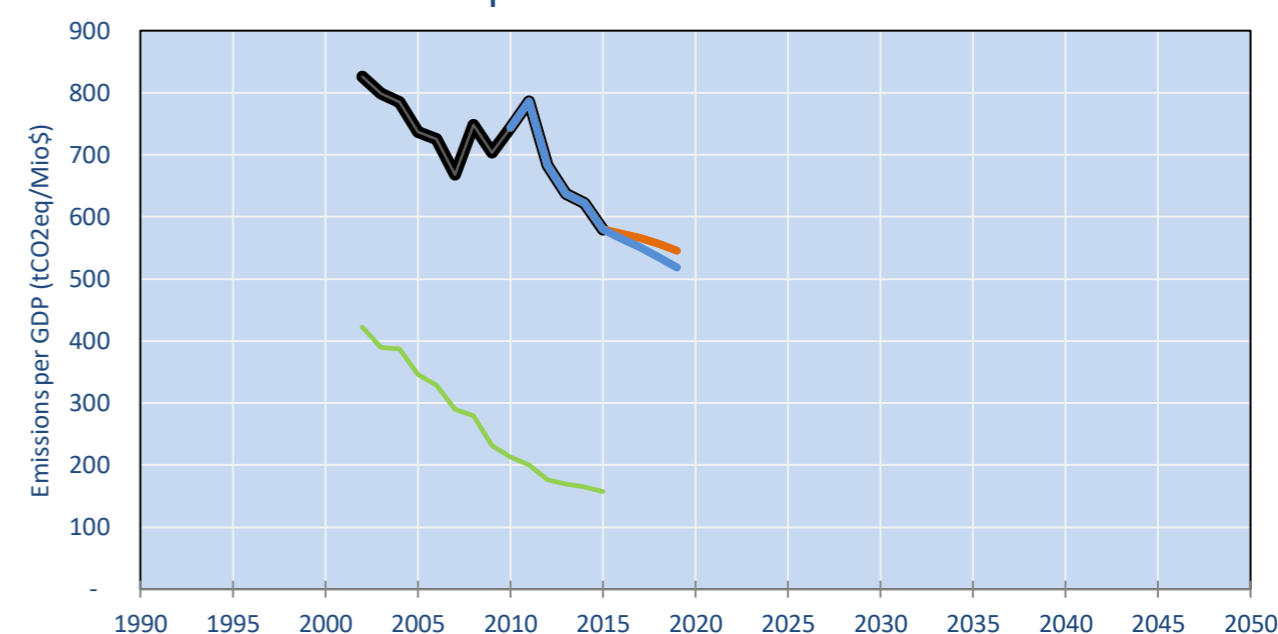


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF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

Per-Capita Emissions

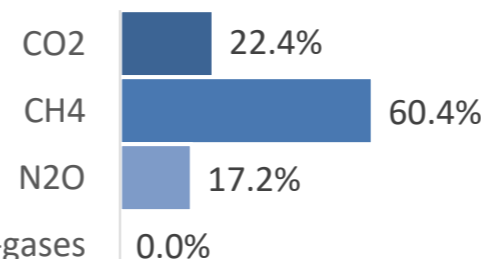


GHG Emissions per GDP

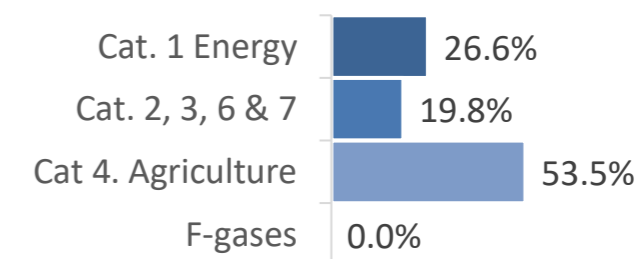


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
(MtCO2eq/yr in GWP AR5)						low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)									
NDC covered LULUCF Emissions									
NDC covered Emissions excl. LULUCF	15	17	20	33	34	41	39	48	43
Total GHG excl. LULUCF	15	17	20	33	34	41	39	48	43
Total GHG incl. LULUCF	24	26	29	42	44	50	48	57	52

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Relative 1990	100%	114%	134%	220%	233%	278%	261%	323%	289%
Relative 2000	88%	100%	118%	193%	205%	244%	229%	284%	254%
Relative 2005	74%	85%	100%	164%	173%	206%	194%	240%	215%
Relative 2010	45%	52%	61%	100%	106%	126%	119%	147%	131%
Relative 2015	43%	49%	58%	95%	100%	119%	112%	139%	124%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Population (Mio)	12	20	24	28	33	36	36	40	40
Per-Capita Emissions (tCO2eq/cap)	1.2	0.9	0.8	1.2	1.1	1.1	1.1	1.2	1.1
Relative 1990	100%	70%	67%	95%	86%	92%	86%	97%	87%
Relative 2000	144%	100%	95%	136%	124%	132%	124%	139%	125%
Relative 2005	150%	105%	100%	143%	130%	138%	130%	146%	131%
Relative 2010	105%	73%	70%	100%	91%	97%	91%	102%	91%
Relative 2015	116%	81%	77%	110%	100%	107%	100%	112%	101%

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
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):

	2025 rel. 2010:	2030 rel. 2010:
LEADER	#N/A	LEADER
CDC	#N/A	CDC
ECPC50	#N/A	ECPC50
ECPC90	#N/A	ECPC90
GDR	#N/A	GDR
INDC HIGH	24%	INDC HIGH
INDC LOW	36%	INDC LOW

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