



Paris Agreement ratified on: 21/10/2016

Turkmenistan

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



+15%

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.2% #54

0.2% #55

0.2% #54

Per-Capita Emissions (tCO₂eq/cap)

18t #15

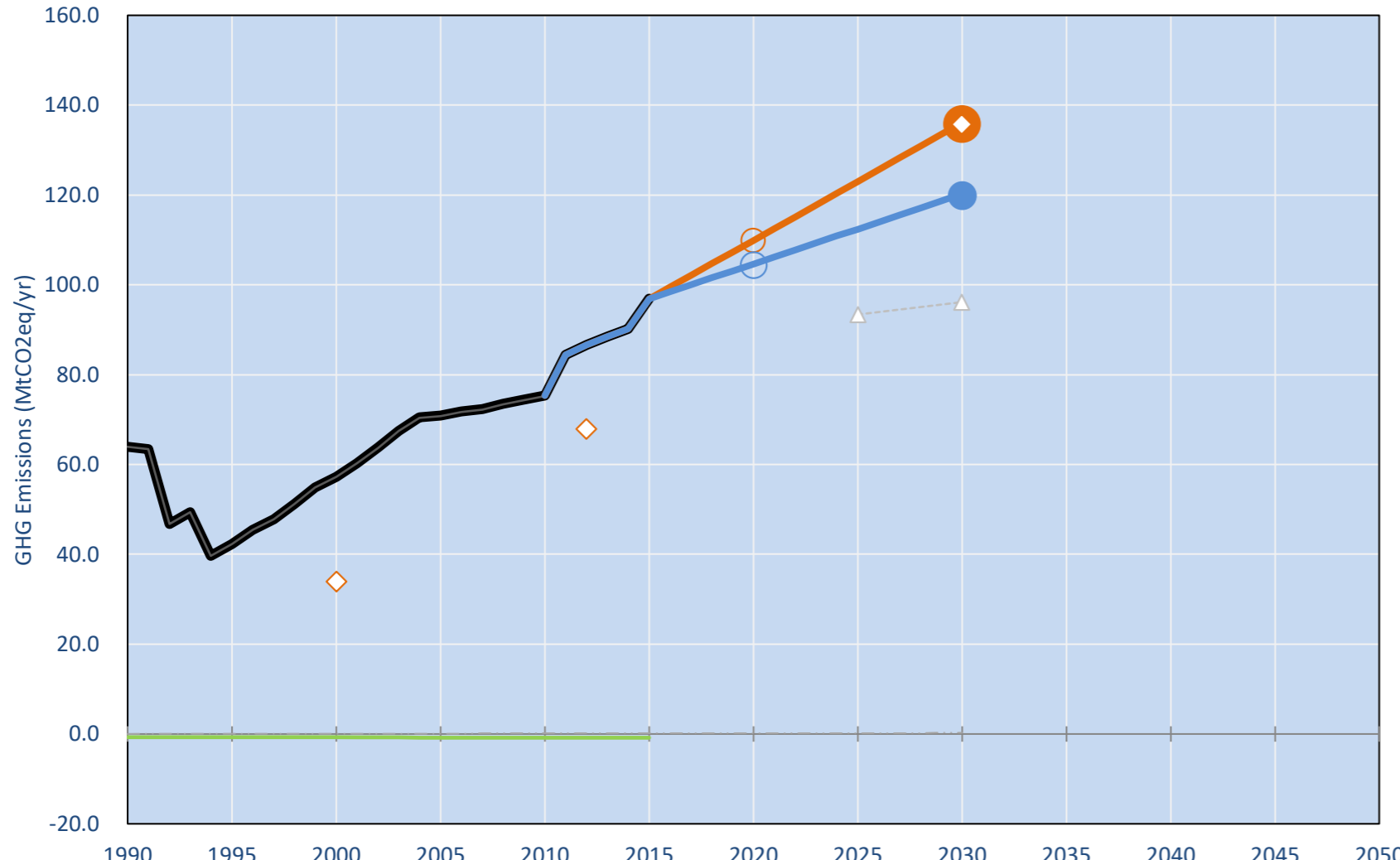
19.8t #10

20.8t #9

NDC: Reduction of energy and carbon intensity as well as intensity of GHG emissions through policies and actions; if financial and technological support is provided, Turkmenistan could achieve zero growth. (2006 IPCC Guidelines)

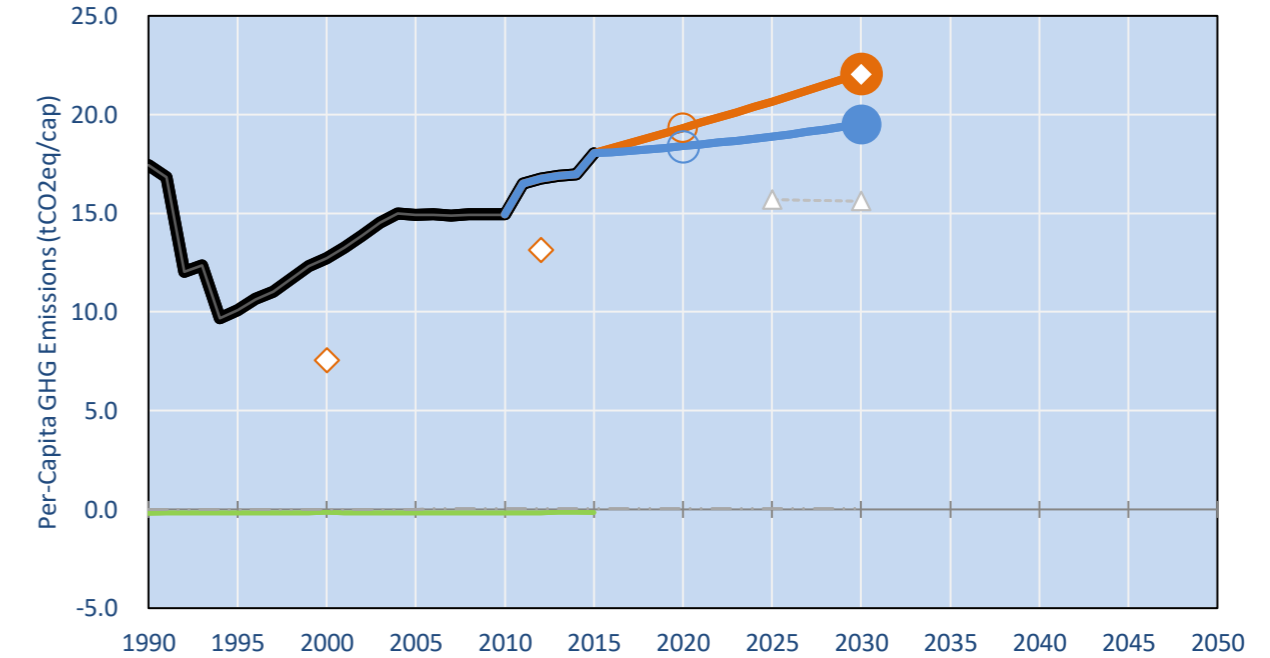
INDC Submitted: 30/09/2015

GHG Emissions

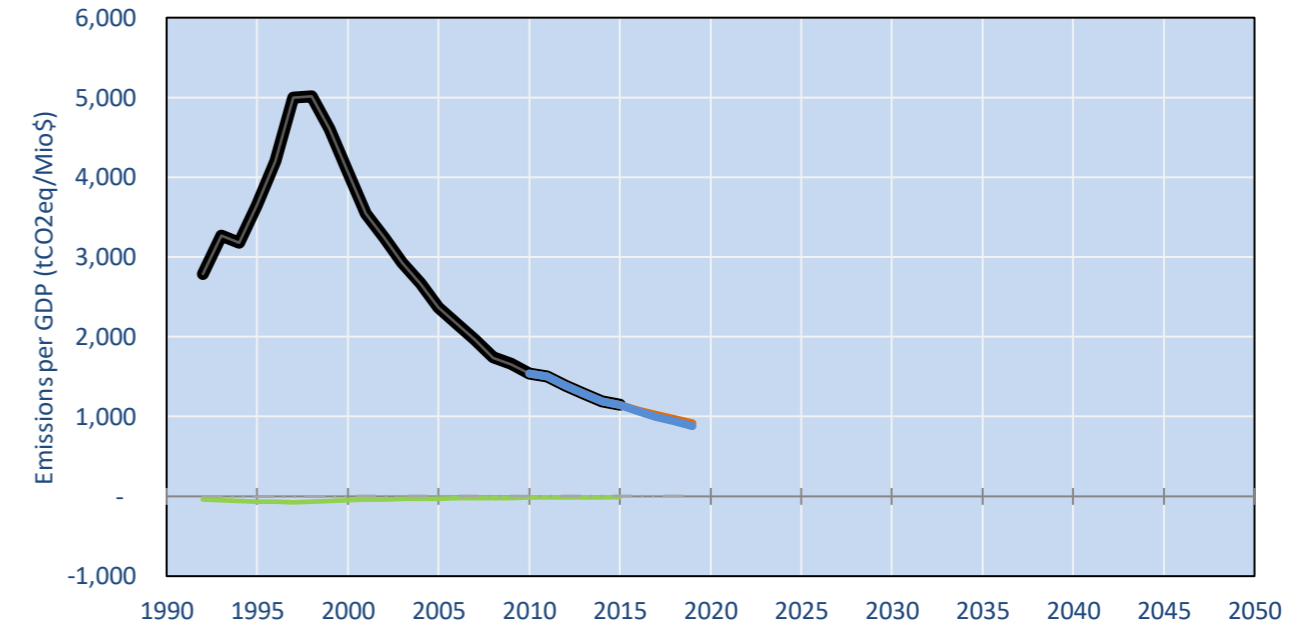


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF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

Per-Capita Emissions

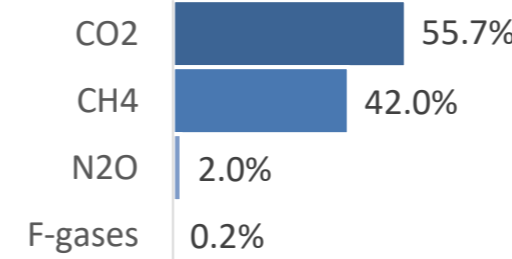


GHG Emissions per GDP

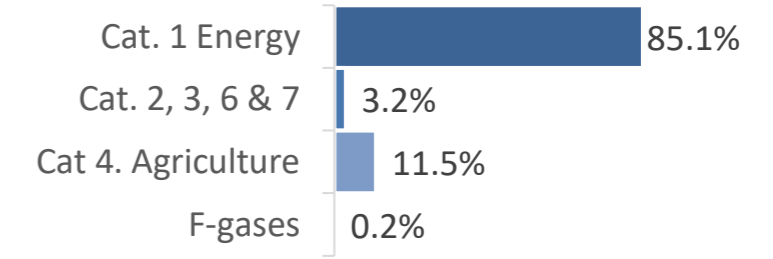


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
(MtCO ₂ eq/yr in GWP AR4)						low	high	low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)	-	-	-	-	-	-	-	-	-	-	-
NDC covered LULUCF Emissions	-	-	-	-	-	-	-	-	-	-	-
NDC covered Emissions excl. LULUCF	64	57	71	75	97	110	104	123	112	136	120
Total GHG excl. LULUCF	64	57	71	75	97	110	105	123	112	136	120
Total GHG incl. LULUCF	63	57	70	75	96	109	104	122	112	135	119

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	90%	111%	118%	151%	172%	163%	192%	176%	213%	188%
Relative 2000	112%	100%	124%	131%	169%	192%	183%	215%	196%	238%	210%
Relative 2005	90%	81%	100%	106%	137%	155%	148%	174%	159%	192%	170%
Relative 2010	85%	76%	94%	100%	129%	146%	139%	163%	149%	181%	160%
Relative 2015	66%	59%	73%	78%	100%	113%	108%	127%	116%	140%	124%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	4	5	5	5	5	6	6	6	6	6	6
Per-Capita Emissions (tCO ₂ eq/cap)	17.4	12.7	14.9	14.9	18.0	19.3	18.4	20.7	18.9	22.1	19.5
Relative 1990	100%	73%	86%	86%	103%	111%	105%	118%	108%	127%	112%
Relative 2000	137%	100%	117%	117%	142%	152%	145%	162%	148%	174%	153%
Relative 2005	117%	85%	100%	100%	121%	130%	123%	138%	127%	148%	131%
Relative 2010	117%	85%	100%	100%	121%	129%	123%	138%	126%	148%	131%
Relative 2015	97%	71%	83%	83%	100%	107%	102%	115%	105%	122%	108%

Data Sources:

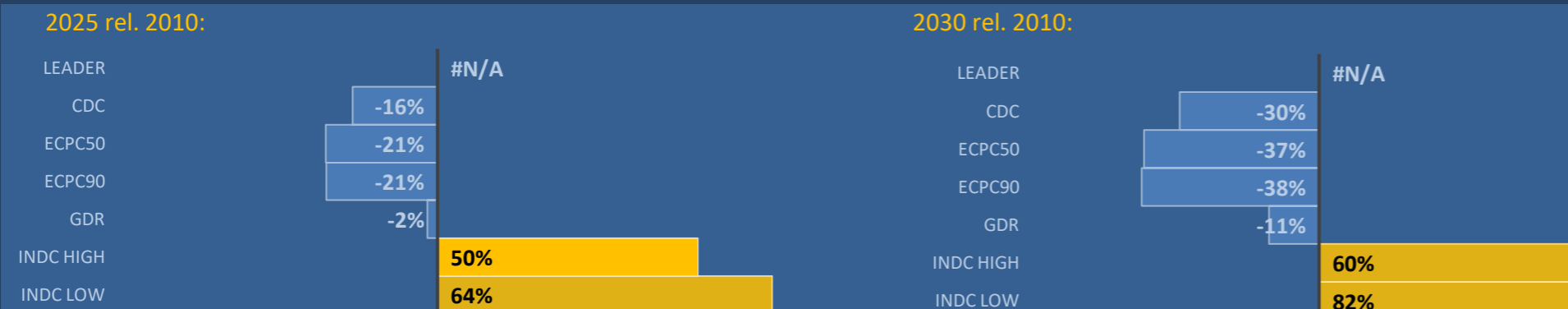
- Cat1_CO2 PRIMAPHIST17
- Cat2367_CO2 PRIMAPHIST17
- Cat4_CO2 PRIMAPHIST17
- Cat5_CO2 PRIMAPHIST17
- Cat1_CH4 PRIMAPHIST17
- Cat2367_CH4 PRIMAPHIST17
- Cat4_CH4 PRIMAPHIST17
- Cat5_CH4 PRIMAPHIST17
- Cat1_N2O PRIMAPHIST17
- Cat2367_N2O PRIMAPHIST17
- Cat4_N2O PRIMAPHIST17
- Cat5_N2O PRIMAPHIST17
- Cat0_HFCs 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
- Cat5A1_CO2 UNFCCC CRF + Nat. Comms.
- Cat5A2_CO2 UNFCCC CRF + Nat. Comms.
- Cat5LtoNonFL_CO2 UNFCCC CRF + Nat. Comms.
- Cat5GMCMWMM_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 AR4

climatecollege.unimelb.edu.au



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):



Shown fair contributions only indicative
"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

More info on www.mitigation-contributions.org