



# Tajikistan

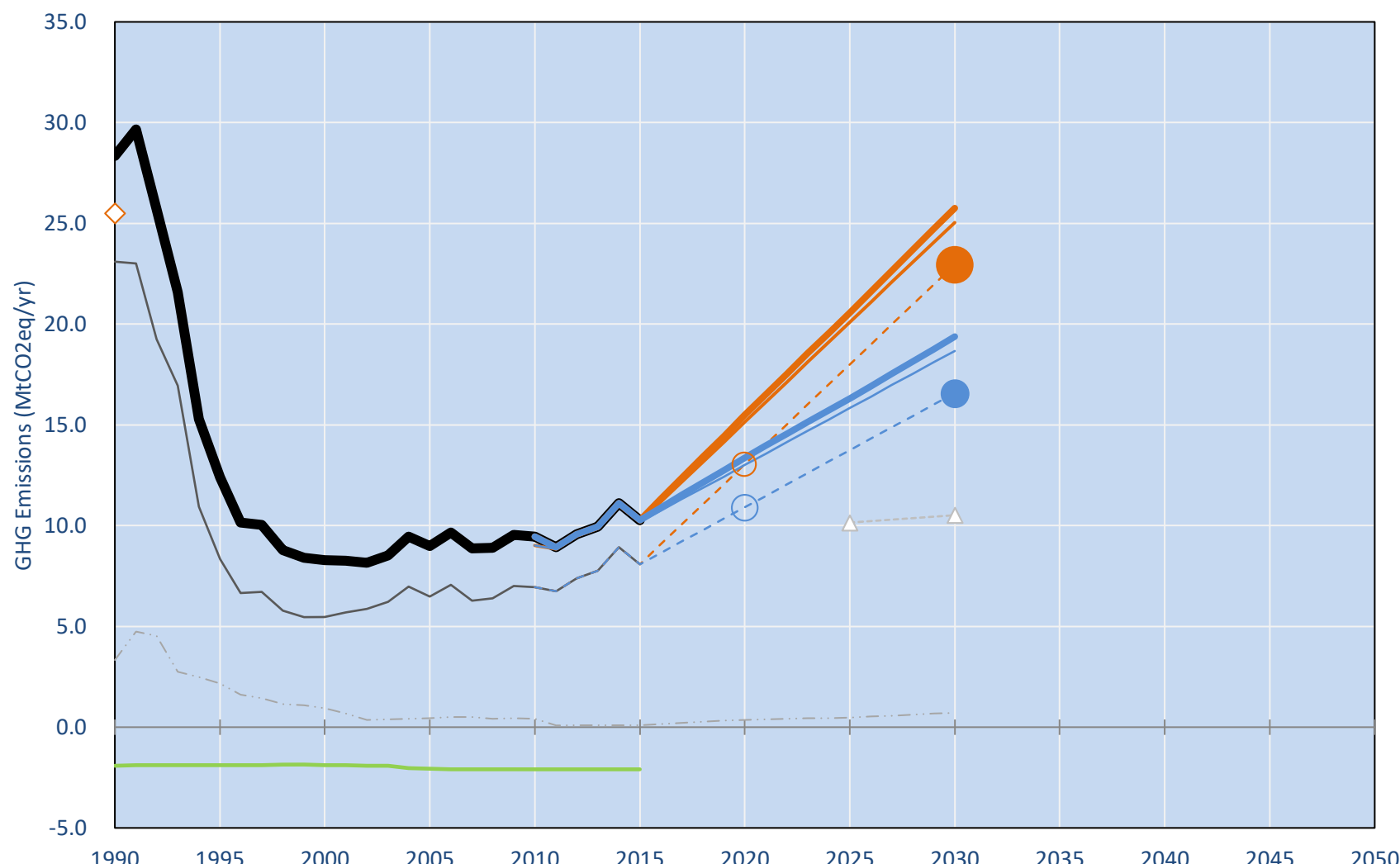
Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+68%**

NDC 2025	NDC 2030	2015 World Rank	2025 World Rank	2030 World Rank
	-10% -20% rel.1990	0.0% #142	0.0% #125	0.0% #123
	-25% -35% rel.1990	1.2t #180	1.8t #162	2t #153

NDC: Target not to exceed 80-90% of GHG emissions compared to 1990 levels by 2030 Conditional target: achieve target of 65-75% compared to 1990 levels. (GWP AR4)

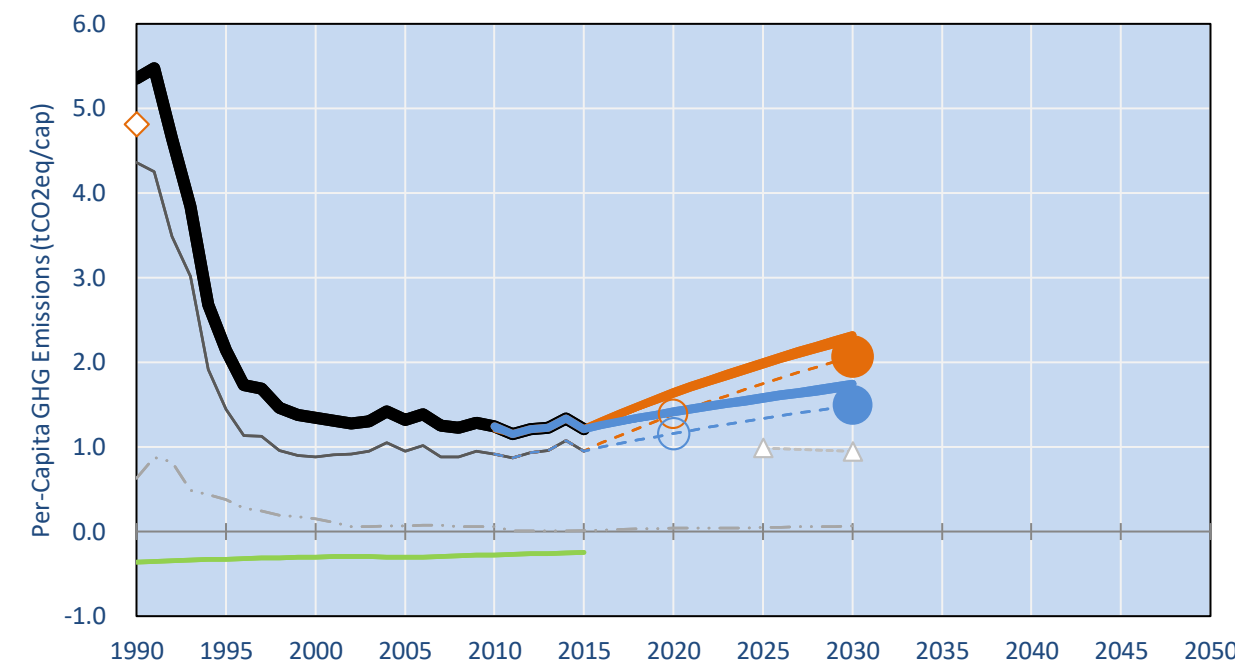
INDC Submitted: 30/09/2015

## GHG Emissions

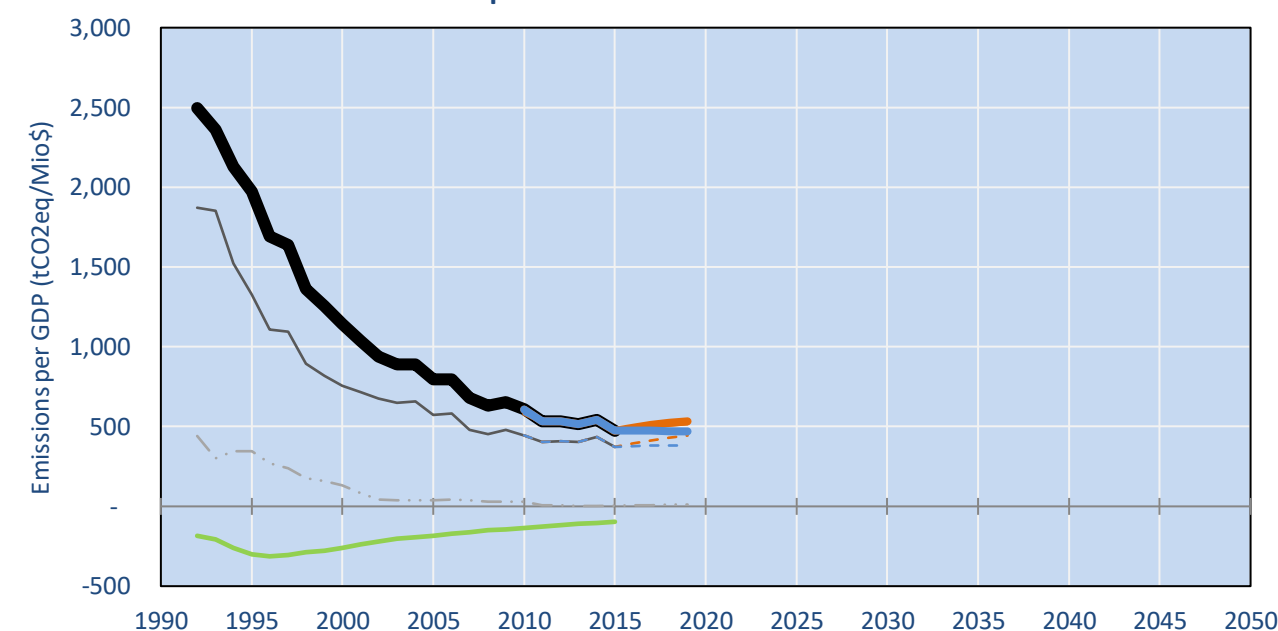


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF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

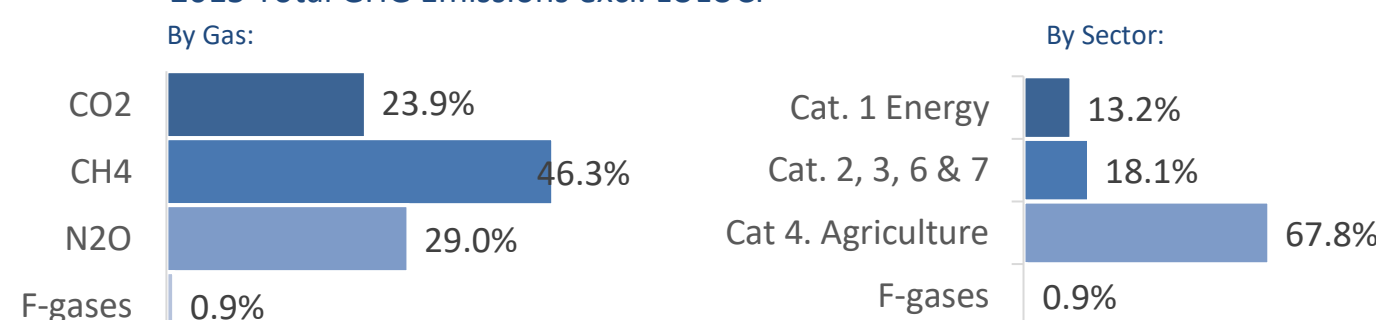
## Per-Capita Emissions



## GHG Emissions per GDP



## 2015 Total GHG Emissions excl. LULUCF



## GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
(MtCO2eq/yr in GWP AR4)						low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)									
NDC covered LULUCF Emissions	-	2	-	2	-	2	-	2	-
NDC covered Emissions excl. LULUCF	25	7	9	9	10	15	13	20	16
Total GHG excl. LULUCF	28	8	9	9	10	16	13	21	16
Total GHG incl. LULUCF	26	6	7	7	8	13	11	18	14

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Relative 1990	100%	29%	32%	33%	36%	55%	47%	73%	58%
Relative 2000	342%	100%	109%	114%	124%	187%	161%	248%	197%
Relative 2005	315%	92%	100%	105%	114%	172%	149%	228%	181%
Relative 2010	300%	88%	95%	100%	109%	164%	141%	217%	173%
Relative 2015	276%	81%	88%	92%	100%	151%	130%	200%	159%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Population (Mio)	5	6	7	8	8	9	9	10	10
Per-Capita Emissions (tCO2eq/cap)	5.4	1.3	1.3	1.2	1.2	1.6	1.4	2.0	1.6
Relative 1990	100%	25%	25%	23%	23%	31%	27%	37%	30%
Relative 2000	399%	100%	99%	93%	90%	123%	106%	149%	118%
Relative 2005	405%	101%	100%	94%	92%	124%	107%	151%	120%
Relative 2010	429%	107%	106%	100%	97%	132%	114%	160%	127%
Relative 2015	442%	111%	109%	103%	100%	136%	117%	165%	131%

## 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

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

2025 rel. 2010:	#N/A	2030 rel. 2010:	#N/A
LEADER	#N/A	LEADER	#N/A
CDC	#N/A	CDC	#N/A
ECPC50	#N/A	ECPC50	#N/A
ECPC90	#N/A	ECPC90	#N/A
GDR	#N/A	GDR	#N/A
INDC HIGH	93%	INDC HIGH	135%
INDC LOW	151%	INDC LOW	221%

## 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