



# Tajikistan

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



**+60%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.0% #142

0.0% #128

0.0% #123

Per-Capita Emissions (tCO2eq/cap)

1.2t #180

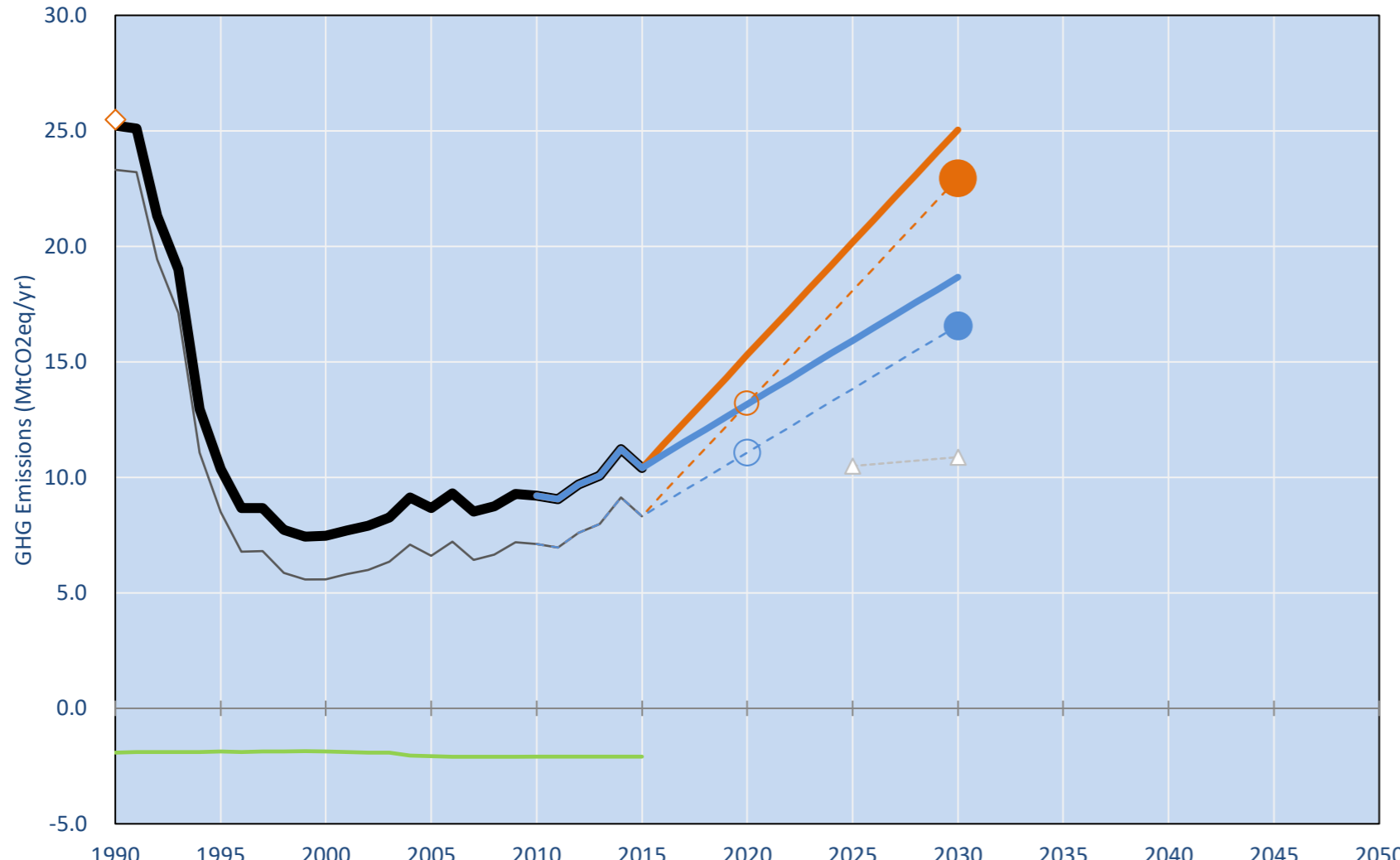
1.8t #163

2t #156

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)

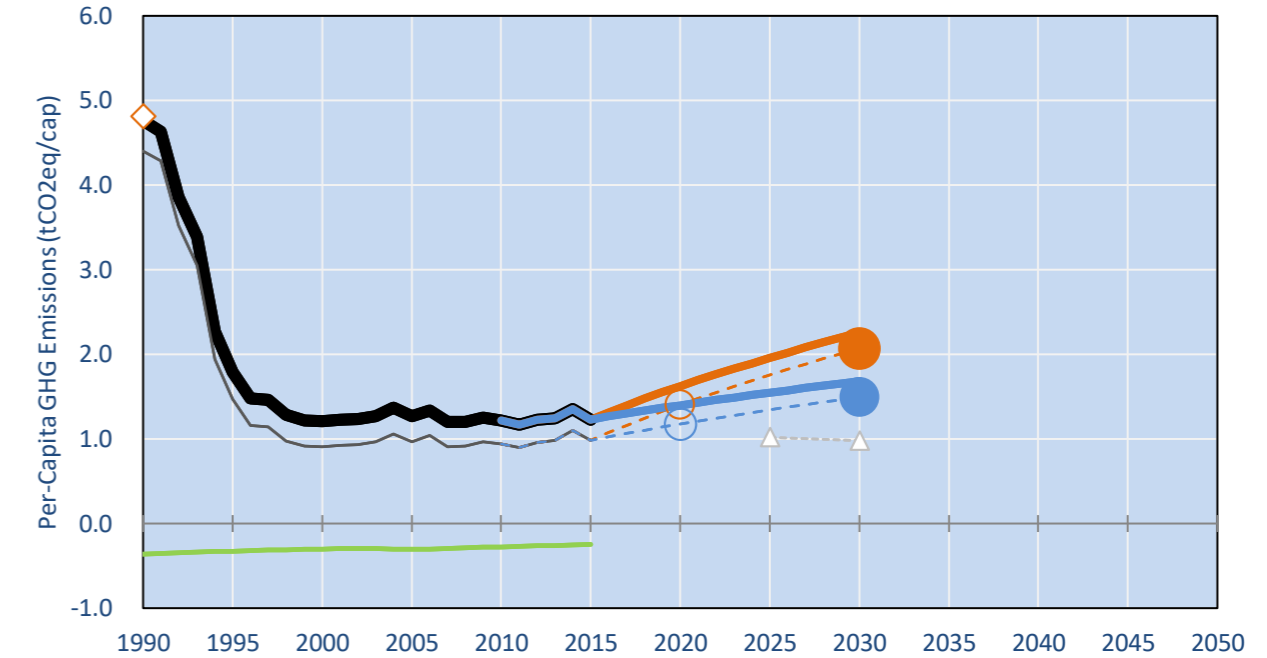
INDC Submitted: 30/09/2015

## GHG Emissions

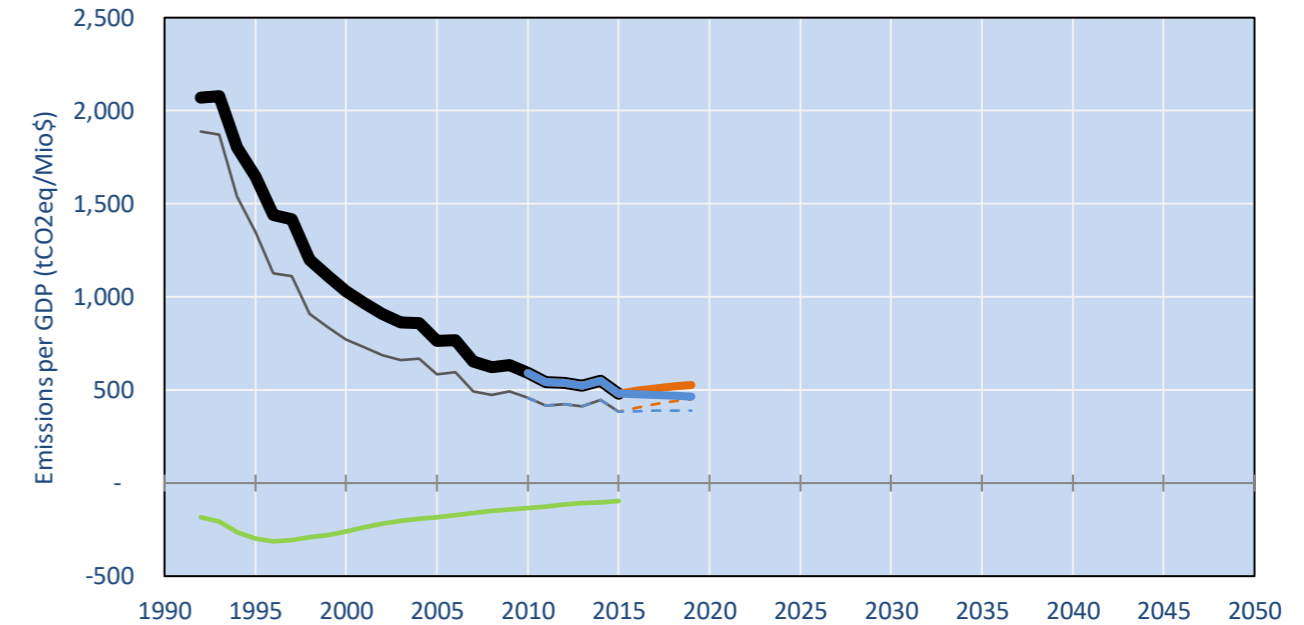


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- 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

By Gas:

CO2	23.5%
CH4	51.1%
N2O	25.4%
F-gases	0.0%

By Sector:

Cat. 1 Energy	13.0%
Cat. 2, 3, 6 & 7	18.3%
Cat 4. Agriculture	68.7%
F-gases	0.0%

## GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
(MtCO2eq/yr in GWP AR5)											
Assumed LULUCF Accounting Credits (-)/Debits (+)											
NDC covered LULUCF Emissions	-	2	-	2	-	2	-	2	-	2	-
NDC covered Emissions excl. LULUCF	25	7	9	9	10	15	13	20	16	25	19
Total GHG excl. LULUCF	25	7	9	9	10	15	13	20	16	25	19
Total GHG incl. LULUCF	23	6	7	7	8	13	11	18	14	23	17

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
Total excl. LULUCF											
Relative 1990	100%	30%	34%	37%	41%	61%	52%	80%	63%	99%	74%
Relative 2000	338%	100%	116%	123%	140%	205%	176%	270%	213%	335%	250%
Relative 2005	291%	86%	100%	106%	120%	177%	152%	233%	184%	289%	216%
Relative 2010	274%	81%	94%	100%	113%	166%	143%	219%	173%	272%	203%
Relative 2015	242%	72%	83%	88%	100%	147%	126%	194%	153%	240%	179%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
Total excl. LULUCF											
Population (Mio)	5	6	7	8	8	9	9	10	10	11	11
Per-Capita Emissions (tCO2eq/cap)	4.8	1.2	1.3	1.2	1.2	1.6	1.4	2.0	1.5	2.3	1.7
Relative 1990	100%	25%	27%	26%	26%	34%	29%	41%	32%	47%	35%
Relative 2000	395%	100%	105%	101%	102%	135%	116%	162%	128%	187%	139%
Relative 2005	374%	95%	100%	95%	97%	128%	110%	154%	121%	177%	132%
Relative 2010	392%	99%	105%	100%	101%	134%	115%	161%	127%	186%	138%
Relative 2015	388%	98%	104%	99%	100%	132%	114%	159%	126%	184%	137%

## Data Sources:

Cat1_CO2	PRIMAPHIST17	Cat5A1_CO2	UNFCCC CRF + Nat. Comms.
Cat2367_CO2	PRIMAPHIST17	Cat5A2_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CO2	PRIMAPHIST17	Cat5LtoNonFL_CO2	UNFCCC CRF + Nat. Comms.
Cat5_CO2	PRIMAPHIST17	Cat5GCMCMWM_C	UNFCCC CRF
Cat1_CH4	PRIMAPHIST17	Cat5A1ForestFires	UNFCCC Cat5 + EDGAR(IPCC Database)
Cat2367_CH4	PRIMAPHIST17	Cat5A1HWP_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CH4	PRIMAPHIST17	Cat5bisA_CO2	UNFCCC CRF + NATCOMM.
Cat5_CH4	PRIMAPHIST17	Cat5bisB_CO2	UNFCCC CRF + NATCOMM.
Cat1_N2O	PRIMAPHIST17	Cat5bisC_CO2	UNFCCC CRF + NATCOMM.
Cat2367_N2O	PRIMAPHIST17	Cat5bisD_CO2	UNFCCC CRF + NATCOMM.
Cat4_N2O	PRIMAPHIST17	Cat5bisE_CO2	UNFCCC CRF + NATCOMM.
Cat5_N2O	PRIMAPHIST17	PRO_WM_Cat5_G	UNFCCC Annex I Reports
Cat0_HFCs	PRIMAPHIST17	Metric	GWP AR5
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		
		climatecollege.unimelb.edu.au	
		AUSTRALIAN-GERMAN CLIMATE & ENERGY COLLEGE	

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

2025 rel. 2010:		2030 rel. 2010:	
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	94%	INDC HIGH	133%
INDC LOW	154%	INDC LOW	222%

## 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