

# Bhutan

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

**-17%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.0% #165

0.0% #165

0.0% #167

Per-Capita Emissions (tCO2eq/cap)

3.2t #121

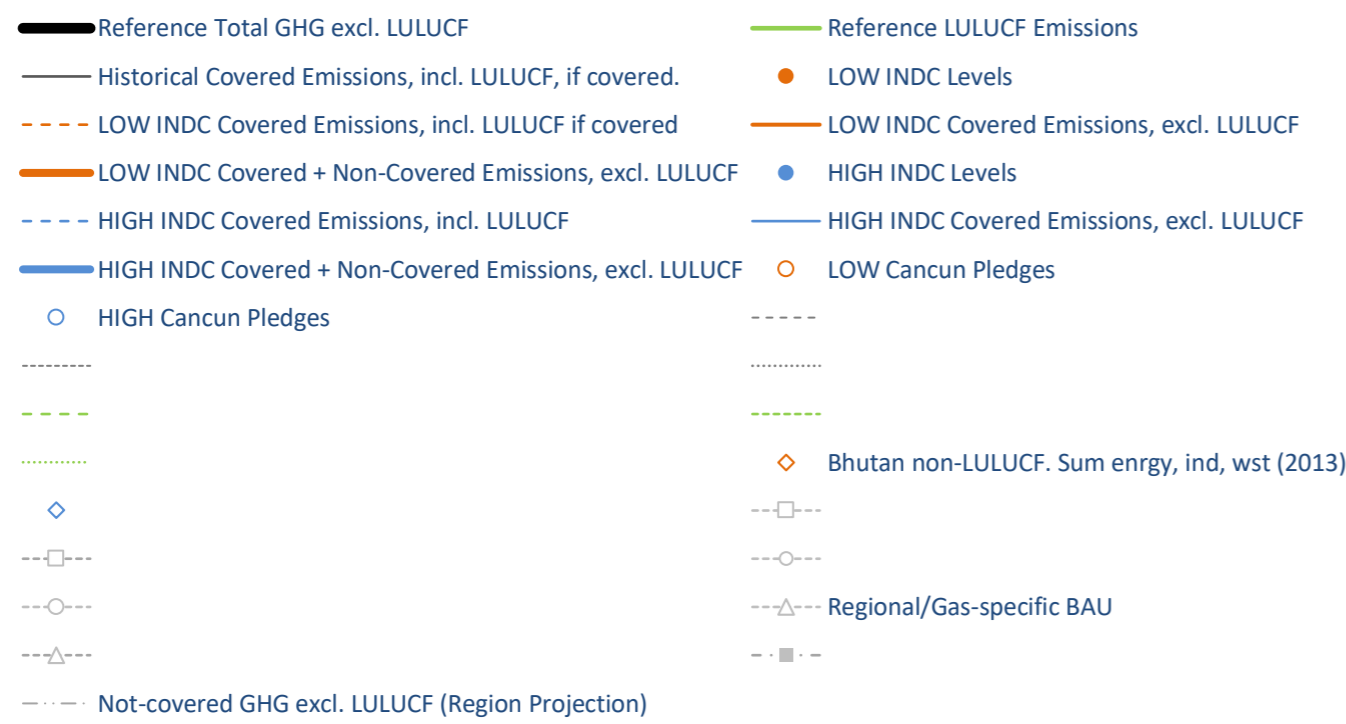
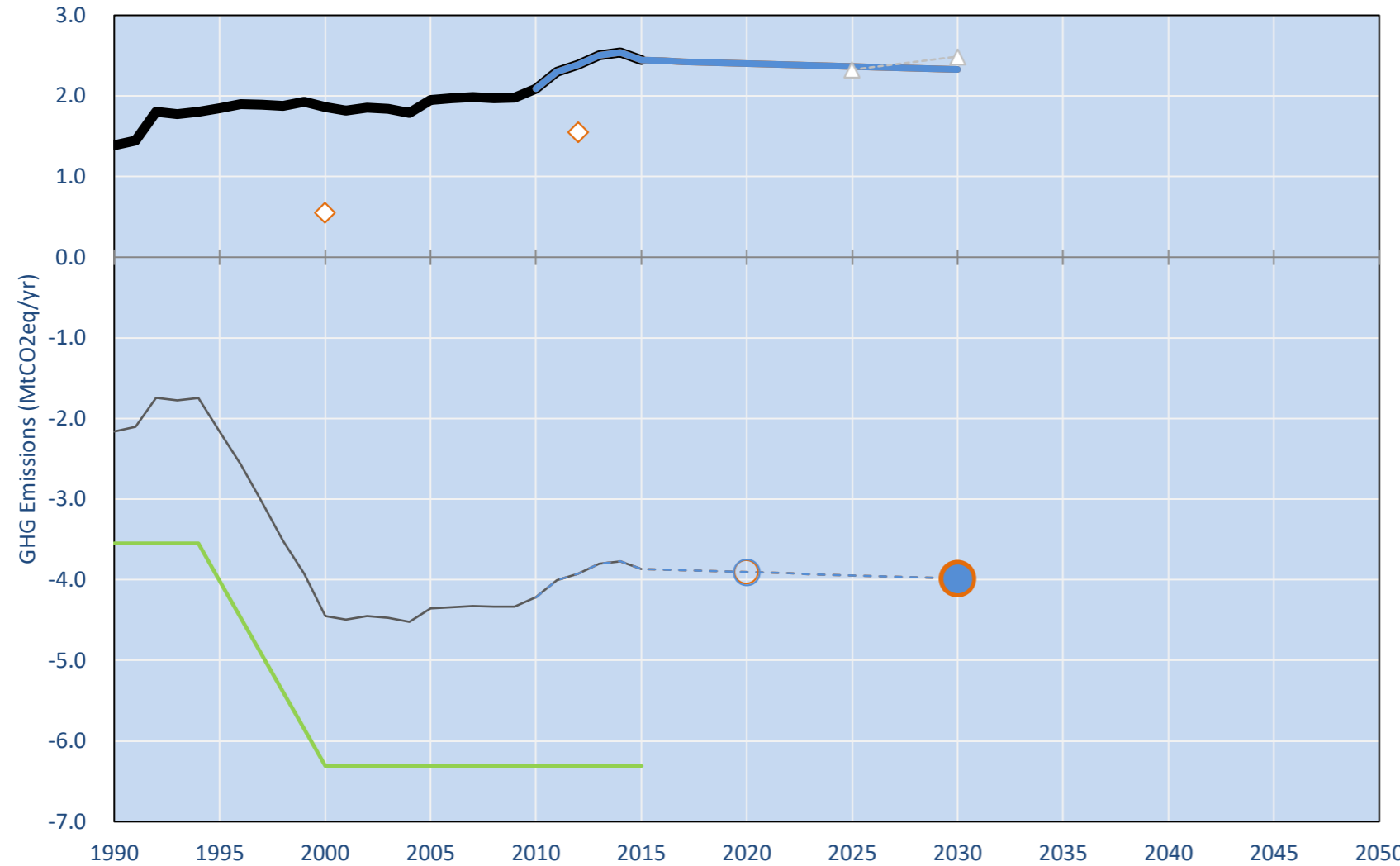
2.8t #132

2.6t #135

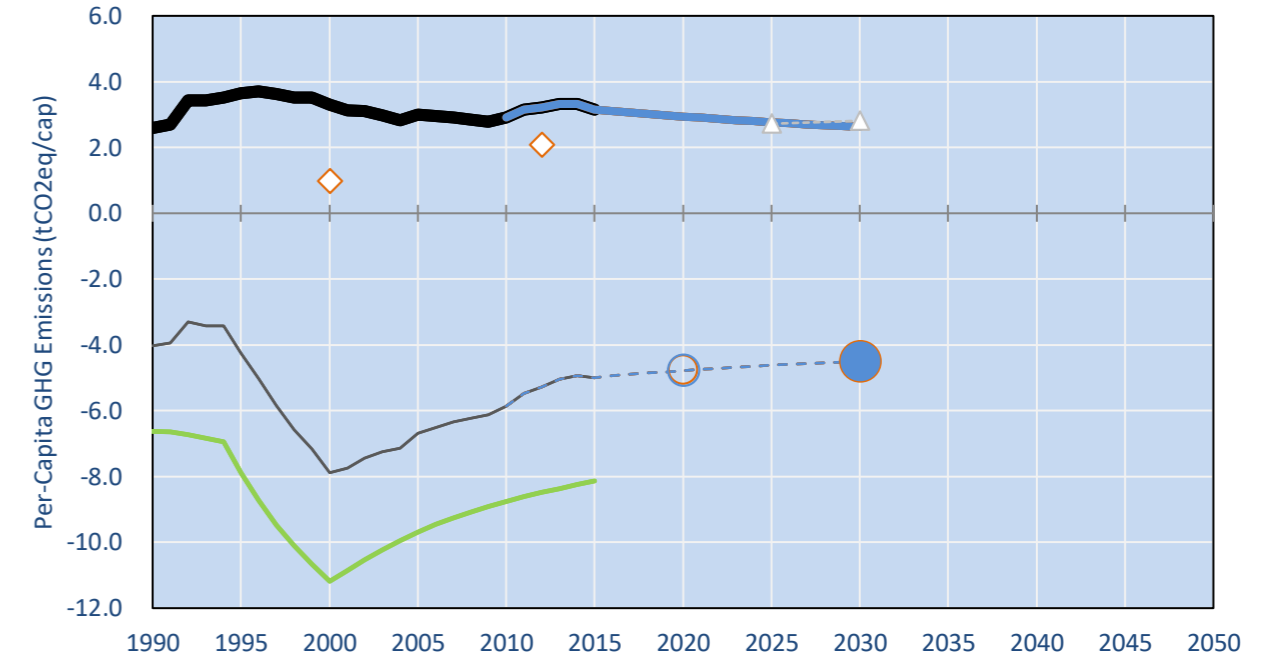
NDC: Commits to developing priority strategies, plans and actions for mitigation to support low emissions development pathway across all sectors to remain carbon neutral. (GWP unclear)

INDC Submitted: 30/09/2015

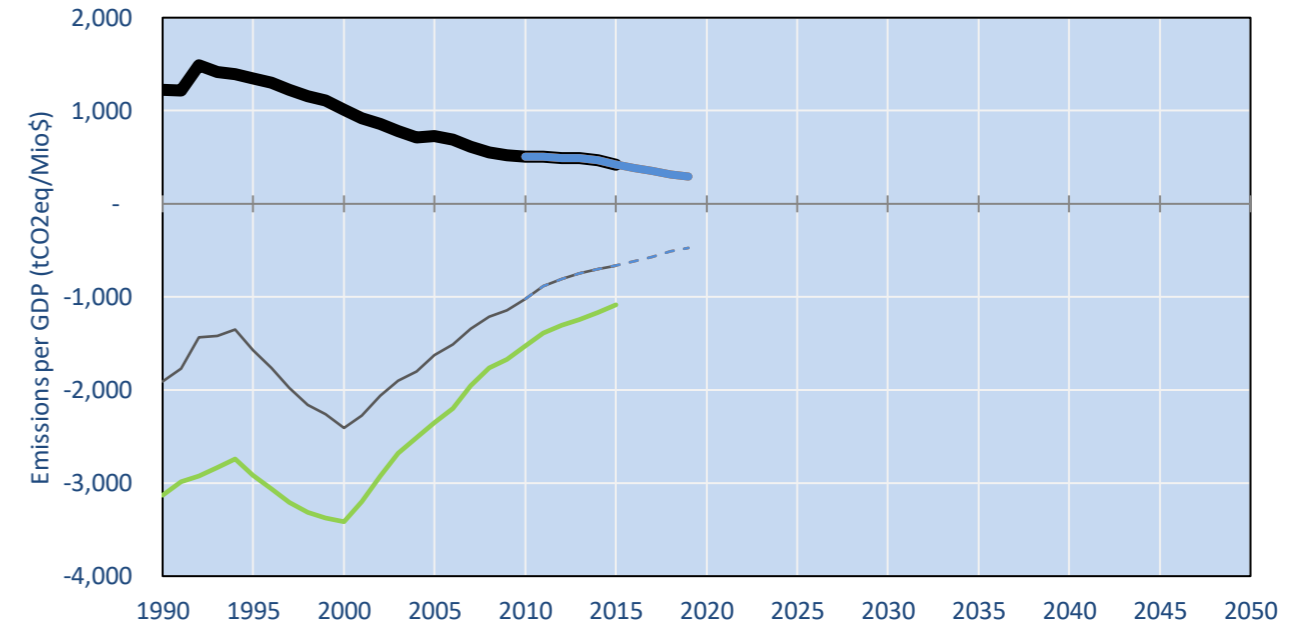
## GHG Emissions



## Per-Capita Emissions

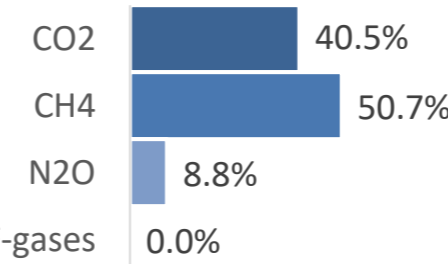


## GHG Emissions per GDP

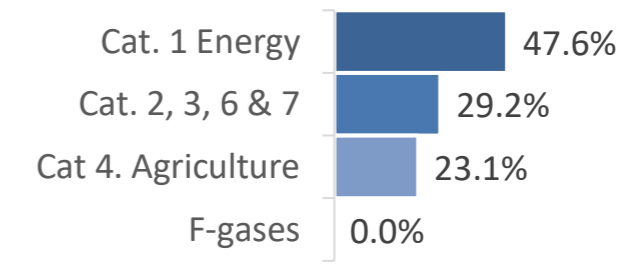


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
(MtCO2eq/yr in GWP AR4)						low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)									
NDC covered LULUCF Emissions	-	4	-	6	-	6	-	6	-
NDC covered Emissions excl. LULUCF	1	2	2	2	2	2	2	2	2
Total GHG excl. LULUCF	1	2	2	2	2	2	2	2	2
Total GHG incl. LULUCF	-	2	-	4	-	4	-	4	-

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Relative 1990	100%	134%	141%	151%	176%	173%	170%	168%	168%
Relative 2000	75%	100%	105%	112%	131%	129%	127%	125%	125%
Relative 2005	71%	95%	100%	107%	125%	123%	121%	119%	119%
Relative 2010	66%	89%	93%	100%	117%	115%	113%	111%	111%
Relative 2015	57%	76%	80%	86%	100%	98%	97%	95%	95%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Population (Mio)	1	1	1	1	1	1	1	1	1
Per-Capita Emissions (tCO2eq/cap)	2.6	3.3	3.0	2.9	3.2	2.9	2.9	2.6	2.6
Relative 1990	100%	127%	116%	112%	122%	113%	107%	101%	101%
Relative 2000	79%	100%	91%	88%	96%	89%	84%	80%	80%
Relative 2005	87%	110%	100%	97%	105%	98%	92%	88%	88%
Relative 2010	89%	114%	103%	100%	109%	101%	95%	90%	90%
Relative 2015	82%	105%	95%	92%	100%	93%	88%	83%	83%

## 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	Cat5GCMCMMW_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 AR4
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		



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

2025 rel. 2010:	2030 rel. 2010:	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	#N/A	INDC HIGH	#N/A
INDC LOW	#N/A	INDC LOW	#N/A

No results shown, as 2010 total incl. LULUCF emissions below zero  
"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](http://www.mitigation-contributions.org)