

Paris Agreement ratified on: 10/11/2016

Pakistan

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **-14%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

0% rel. BAU of 520.8 Mt

Share of World Emissions excl. LULUCF (Rank):

1.0% #21

0.9% #23

0.9% #23

Per-Capita Emissions (tCO2eq/cap)

2.4t #140

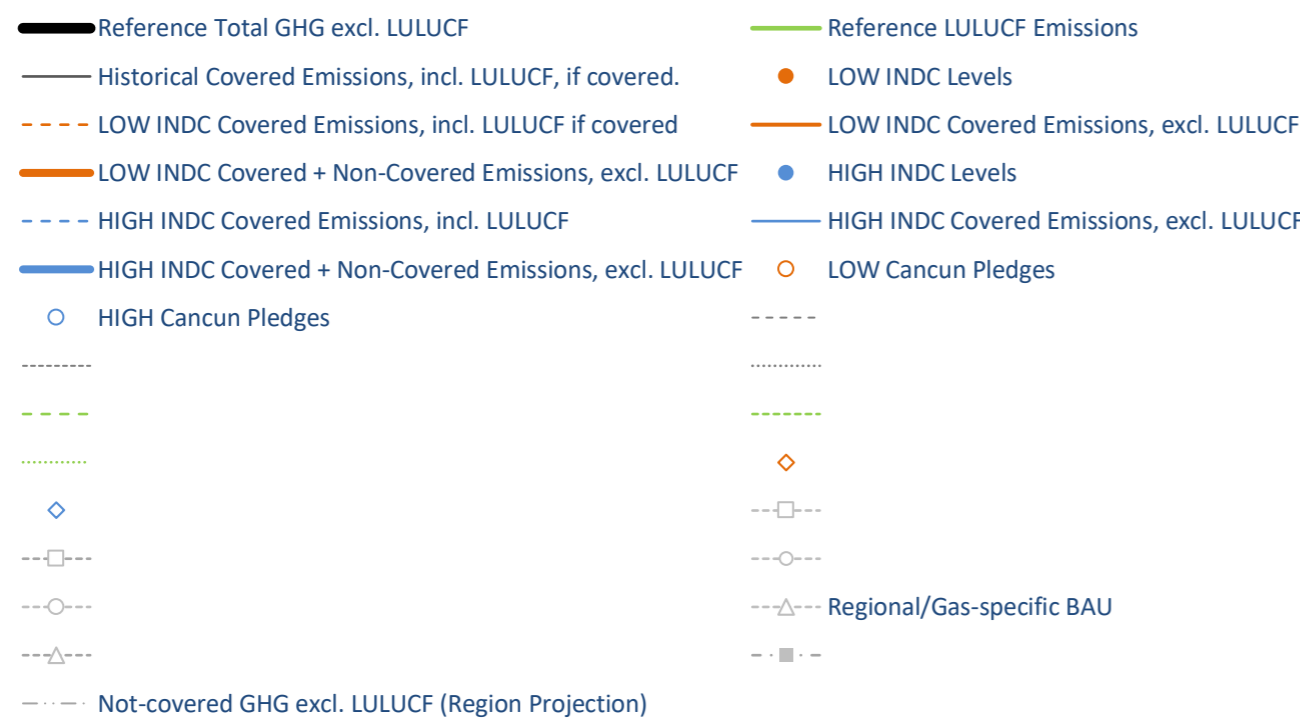
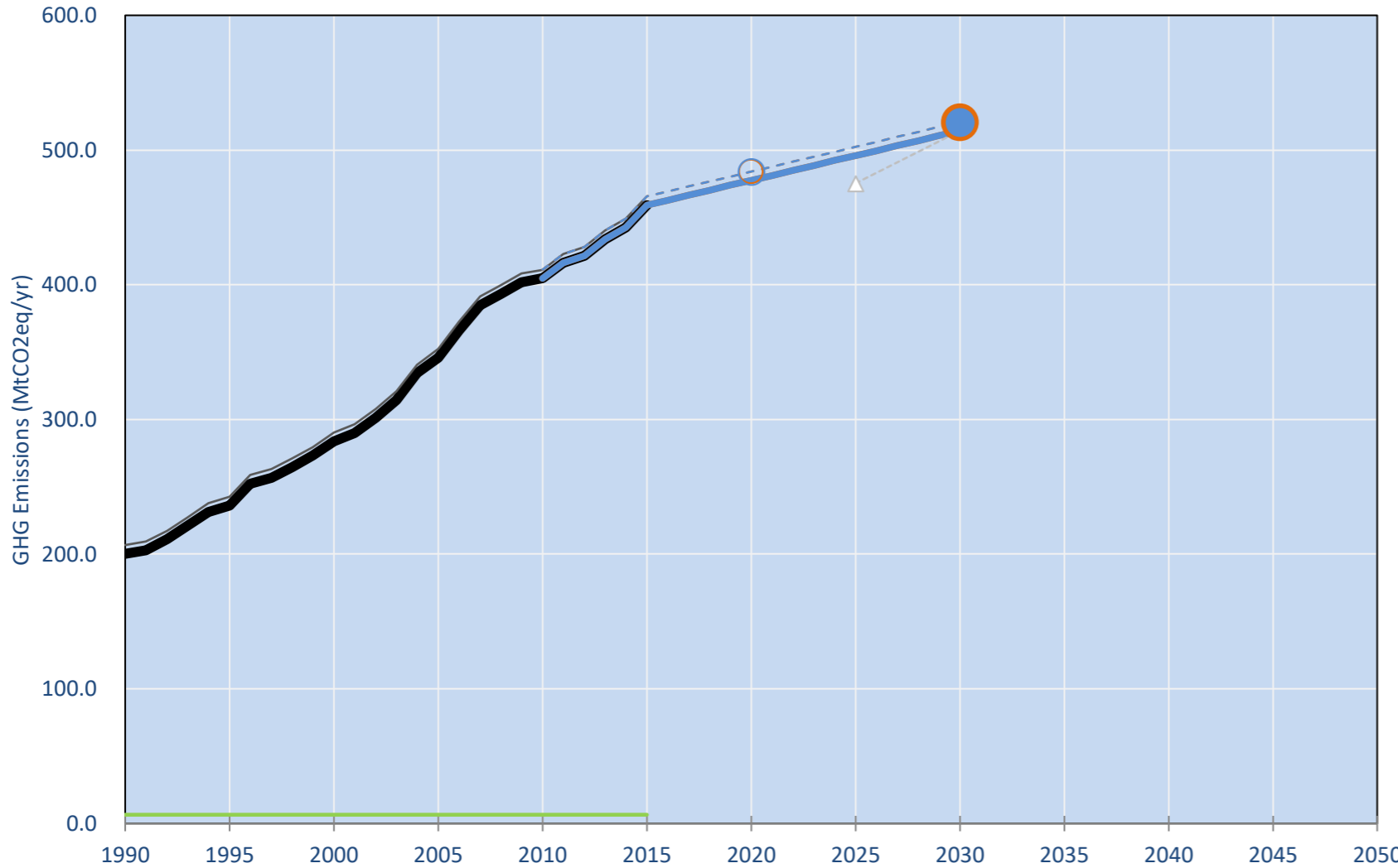
2.2t #152

2.1t #149

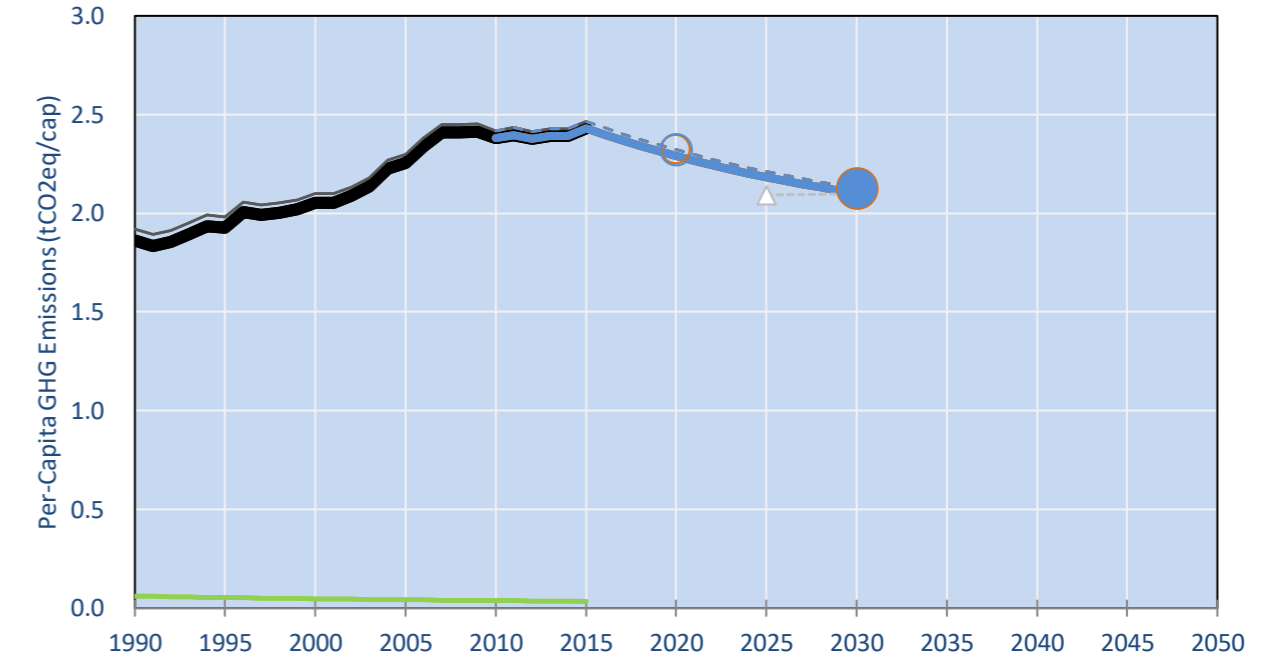
NDC: No target provided. Reductions of emissions after yet-to-be defined peak. (GWP unclear)

INDC Submitted: 12/11/2015

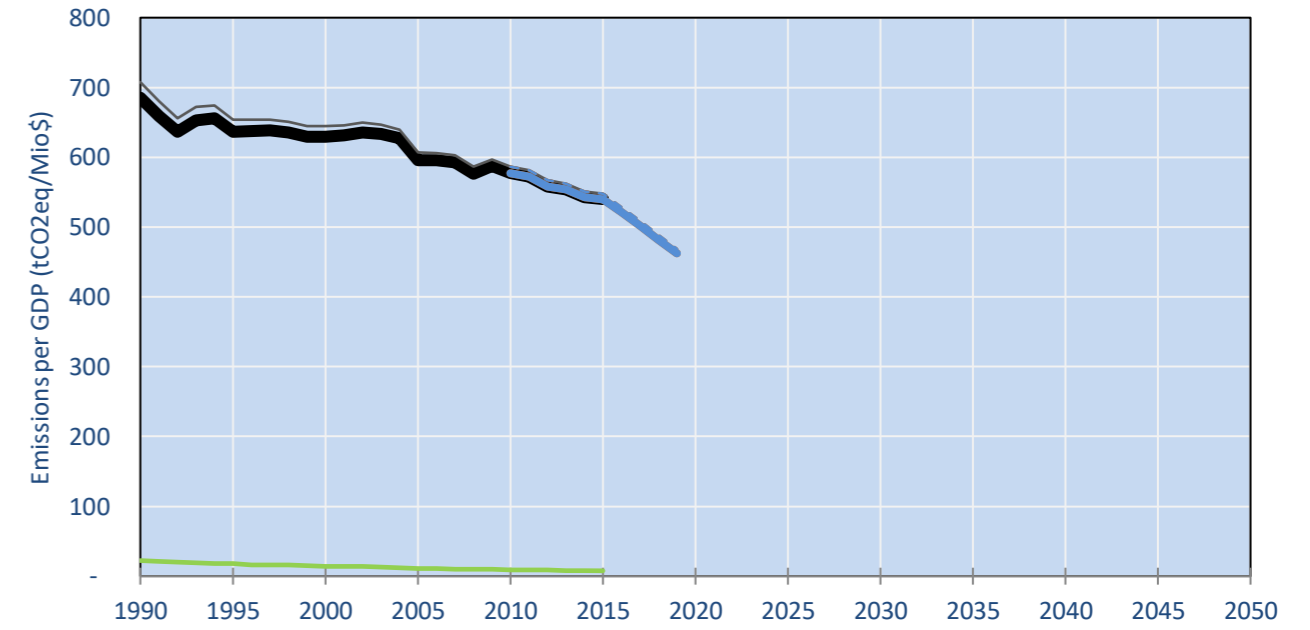
GHG Emissions



Per-Capita Emissions

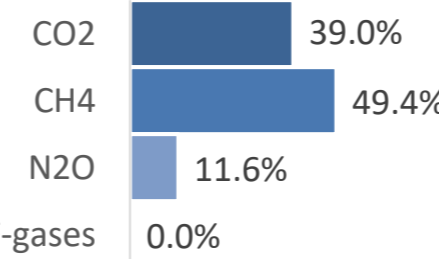


GHG Emissions per GDP

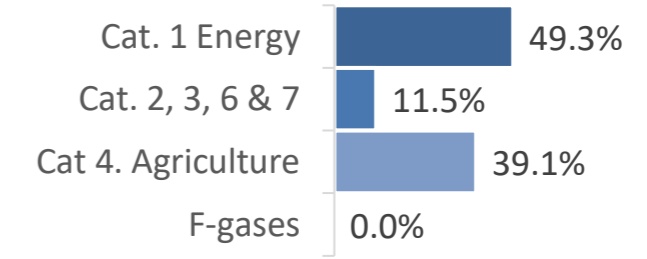


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
(MtCO2eq/yr in GWP AR5)						low high	low high	low high
Assumed LULUCF Accounting Credits (-)/Debits (+)								
NDC covered LULUCF Emissions	7	7	7	7	7	7	7	7
NDC covered Emissions excl. LULUCF	200	284	346	405	459	477	496	514
Total GHG excl. LULUCF	200	284	346	405	459	477	496	514
Total GHG incl. LULUCF	207	290	352	411	466	484	502	521

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
Total excl. LULUCF						low high	low high	low high
Relative 1990	100%	142%	173%	202%	229%	238%	248%	257%
Relative 2000	71%	100%	122%	143%	162%	168%	175%	181%
Relative 2005	58%	82%	100%	117%	133%	138%	143%	149%
Relative 2010	49%	70%	85%	100%	113%	118%	123%	127%
Relative 2015	44%	62%	75%	88%	100%	104%	108%	112%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
Total excl. LULUCF						low high	low high	low high
Population (Mio)	108	138	153	170	189	208	227	245
Per-Capita Emissions (tCO2eq/cap)	1.9	2.1	2.3	2.4	2.4	2.3	2.2	2.1
Relative 1990	100%	110%	121%	128%	131%	123%	117%	113%
Relative 2000	91%	100%	110%	116%	118%	112%	106%	102%
Relative 2005	82%	91%	100%	105%	108%	102%	97%	93%
Relative 2010	78%	86%	95%	100%	102%	96%	92%	88%
Relative 2015	77%	84%	93%	98%	100%	94%	90%	86%

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	Cat5GMCMWMM_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			
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Various 'fair' contributions for a global 'least-cost' 2°C path (total incl. LULUCF):

More info on www.mitigation-contributions.org

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	22%	INDC HIGH	27%
INDC LOW	22%	INDC LOW	27%

"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