

Liberia

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+17%**

INDC 2025

INDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.0% #158

0.0% #155

0.0% #155

Per-Capita Emissions (tCO2eq/cap)

0.9t #192

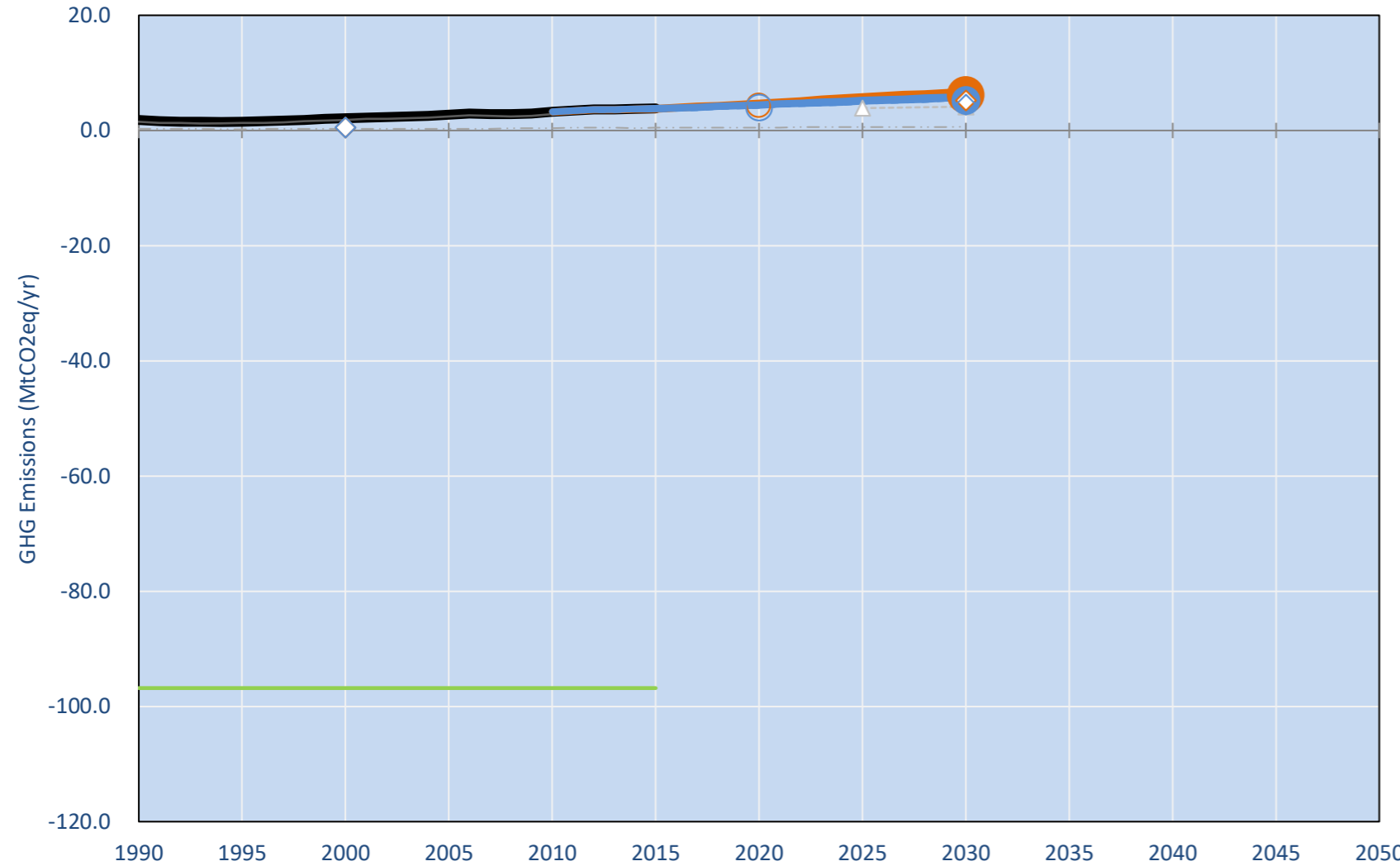
1t #186

1t #185

INDC: Establish energy policies to reduce GHG by at least 10%, improve energy efficiency by 20%, raise share of renewable energy by 30% of energy production, replace cooking stoves with higher efficiency stoves. (GWP SAR)

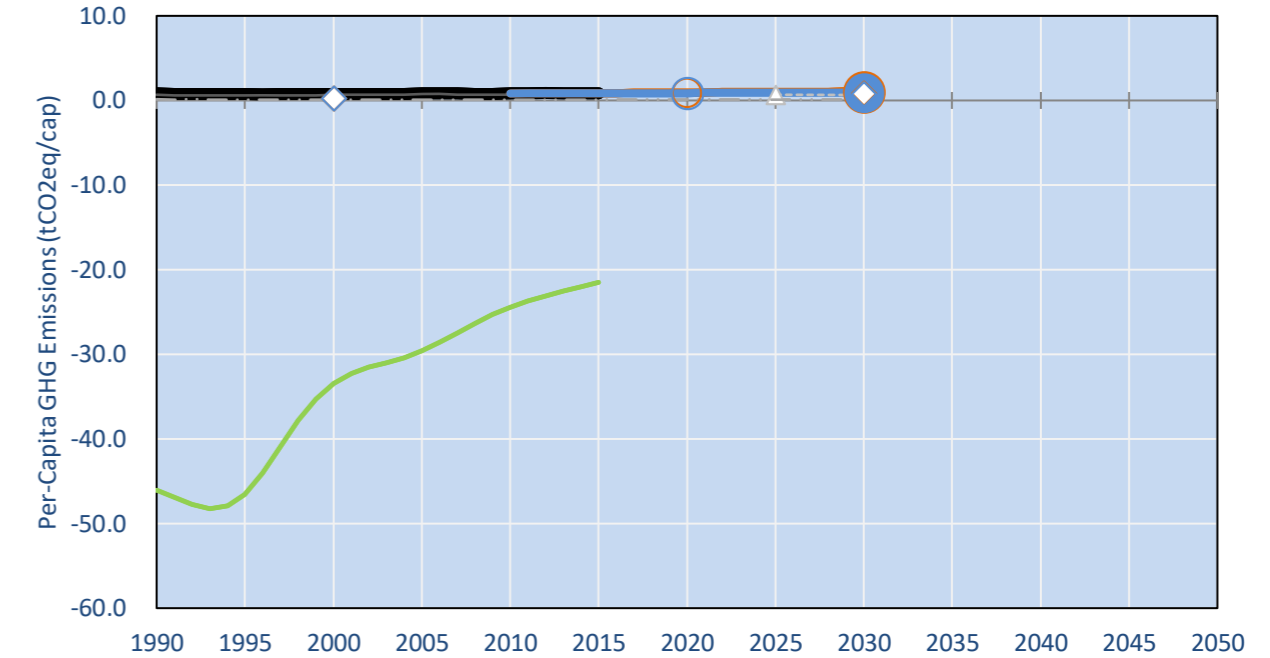
INDC Submitted: 30/09/2015

GHG Emissions

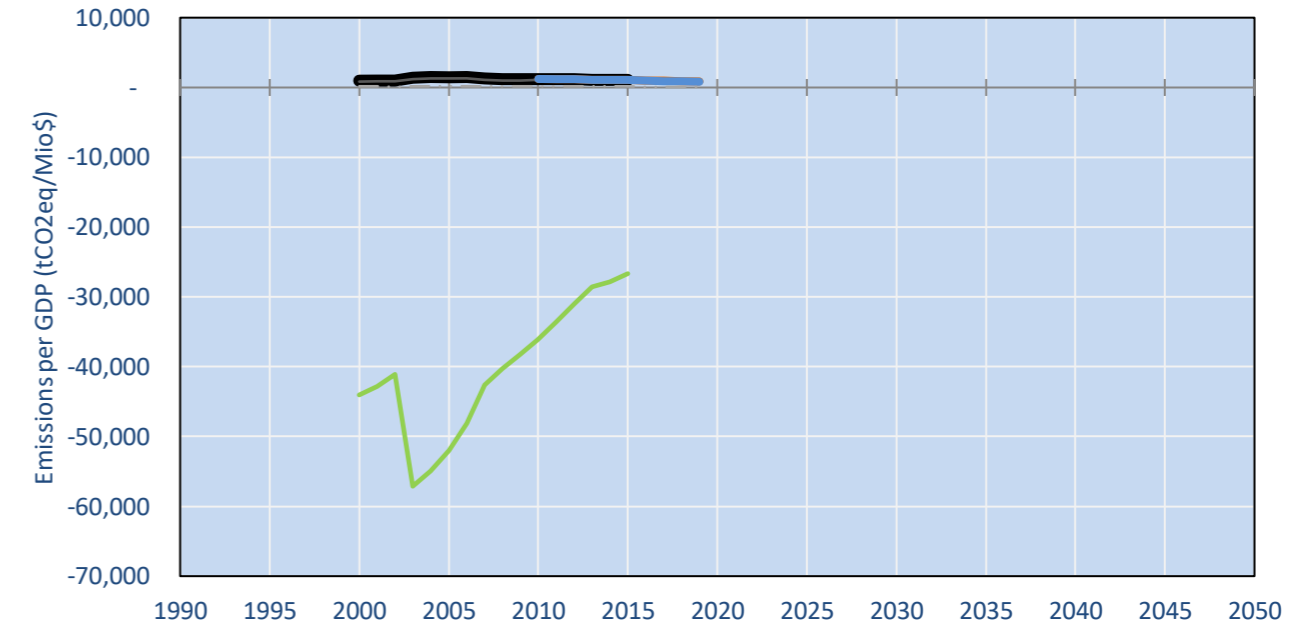


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- 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
- Liberia INDC BAU (w/o Agr LULUCF) (10x error in 2000)
- Regional/Gas-specific BAU
- Not-covered GHG excl. LULUCF (Region Projection)

Per-Capita Emissions

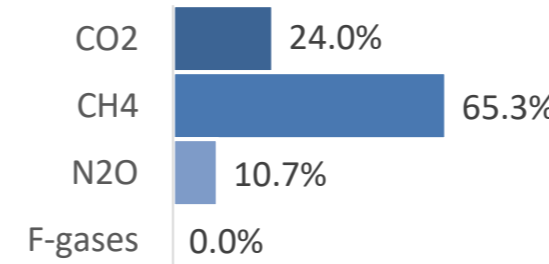


GHG Emissions per GDP

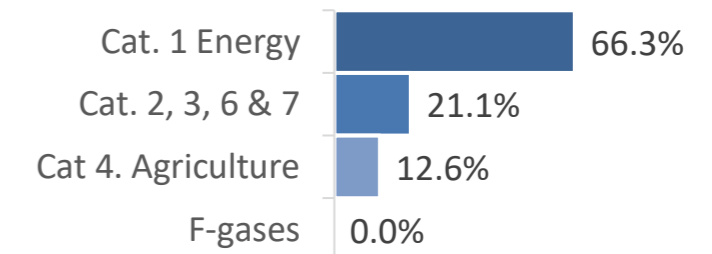


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030												
						low	high	low	high	low	high											
Assumed LULUCF Accounting Credits (-)/Debits (+)	-	-	-	-	-	-	-	-	-	-	-											
INDC covered Emissions excl. LULUCF	-	-	-	-	-	-	-	-	-	-	-											
INDC covered Emissions incl. LULUCF	2	2	2	3	3	4	4	5	5	6	5											
Total GHG excl. LULUCF	2	2	3	3	4	5	5	6	5	7	6											
Total GHG incl. LULUCF	-	95	-	95	-	94	-	94	-	93	-	92	-	92	-	91	-	92	-	90	-	91

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
Total excl. LULUCF	100%	118%	149%	179%	210%	263%	246%	321%	287%	375%	324%
Relative 1990	100%	118%	149%	179%	210%	263%	246%	321%	287%	375%	324%
Relative 2000	85%	100%	127%	152%	178%	224%	209%	273%	244%	319%	276%
Relative 2005	67%	79%	100%	120%	141%	177%	165%	216%	193%	252%	218%
Relative 2010	56%	66%	83%	100%	117%	147%	138%	179%	160%	209%	181%
Relative 2015	48%	56%	71%	85%	100%	125%	117%	153%	137%	179%	154%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
Total excl. LULUCF	0.9	0.7	0.8	0.8	0.9	0.9	0.9	1.0	0.9	1.1	0.9
Population (Mio)	2	3	3	4	5	5	5	6	6	6	6
Per-Capita Emissions (tCO2eq/cap)	0.9	0.7	0.8	0.8	0.9	0.9	0.9	1.0	0.9	1.1	0.9
Relative 1990	100%	86%	96%	95%	98%	109%	102%	118%	105%	123%	106%
Relative 2000	117%	100%	112%	111%	115%	127%	119%	138%	123%	144%	124%
Relative 2005	104%	89%	100%	99%	102%	114%	106%	123%	110%	128%	111%
Relative 2010	105%	90%	101%	100%	103%	114%	107%	124%	111%	129%	112%
Relative 2015	102%	87%	98%	97%	100%	111%	104%	120%	108%	125%	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...
 PRIMAPHIST16 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
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 AUSTRALIAN-GERMAN CLIMATE & ENERGY COLLEGE

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):

2025 rel. 2010:		2030 rel. 2010:		More info on www.mitigation-contributions.org	
LEADER	#N/A	LEADER	#N/A	No results shown, as 2010 total incl. LULUCF emissions below zero	
CDC	#N/A	CDC	#N/A	"Fair" contributions for a global 'least-cost' 2°C track:	
ECPC50	#N/A	ECPC50	#N/A	LEADER	Leader
ECPC90	#N/A	ECPC90	#N/A	CDC	Common-but-diff. per-cap. convergence
GDR	#N/A	GDR	#N/A	ECPC50	Eq. cum. Per-capita since 1950
INDC HIGH	#N/A	INDC HIGH	#N/A	ECPC90	Eq. cum. Per-capita since 1990
INDC LOW	#N/A	INDC LOW	#N/A	GDR	Greenhouse Development Rights
				#N/A	No available data