

Liberia

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+18%**

INDC 2025

INDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

0% rel. BAU of 5.3 Mt

Share of World Emissions excl. LULUCF (Rank):

0.0% #159

0.0% #156

0.0% #155

-15% rel. BAU of 5.3 Mt

Per-Capita Emissions (tCO₂eq/cap)

0.8t #192

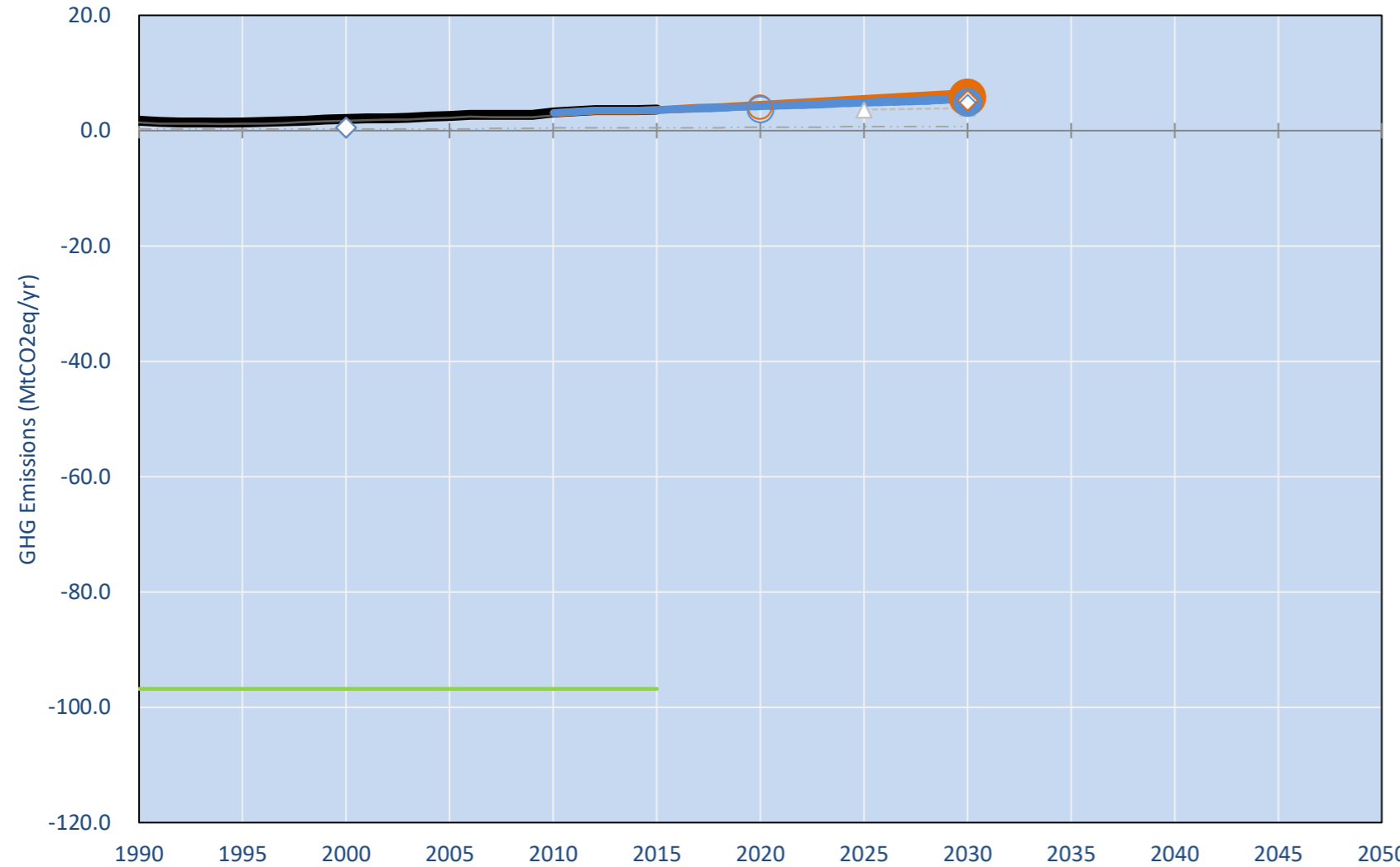
0.9t #187

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)

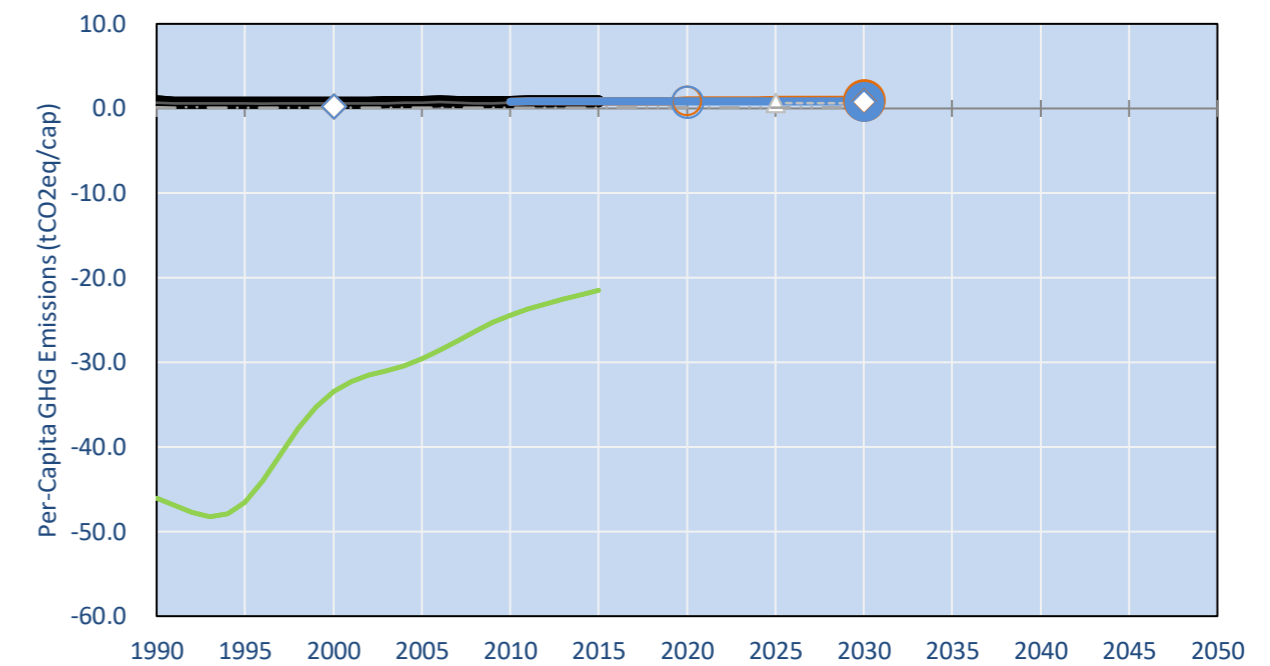
INDC Submitted: 30/09/2015

GHG Emissions

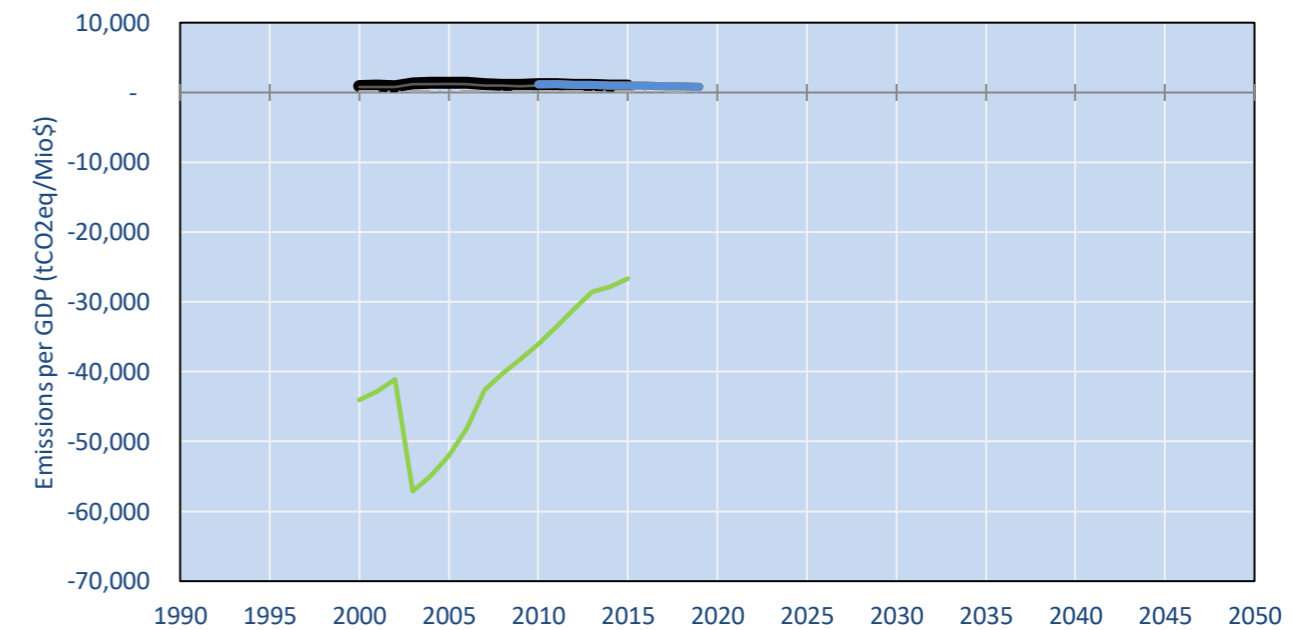


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF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

CO₂ 25.1%
CH₄ 61.2%
N₂O 12.6%
F-gases 1.1%

By Sector:

Cat. 1 Energy 65.3%
Cat. 2, 3, 6 & 7 20.5%
Cat 4. Agriculture 13.2%
F-gases 1.1%

GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030												
(MtCO ₂ eq/yr in GWP AR4)						low	high	low	high	low	high											
Assumed LULUCF Accounting Credits (-)/Debits (+)																						
INDC covered LULUCF Emissions																						
INDC covered Emissions excl. LULUCF	1	2	2	3	3	4	4	5	4	6	5											
Total GHG excl. LULUCF	2	2	3	3	4	5	4	6	5	7	6											
Total GHG incl. LULUCF	-	95	-	95	-	94	-	94	-	93	-	92	-	93	-	91	-	92	-	90	-	91

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	117%	149%	180%	211%	265%	248%	324%	290%	379%	329%
Relative 2000	86%	100%	128%	154%	181%	227%	213%	277%	248%	325%	282%
Relative 2005	67%	78%	100%	121%	142%	178%	167%	217%	195%	254%	220%
Relative 2010	56%	65%	83%	100%	117%	147%	138%	180%	161%	211%	183%
Relative 2015	47%	55%	71%	85%	100%	126%	118%	153%	137%	180%	156%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	2	3	3	4	5	5	5	6	6	6	6
Per-Capita Emissions (tCO ₂ eq/cap)	0.8	0.7	0.8	0.8	0.8	0.9	0.8	1.0	0.9	1.0	0.9
Relative 1990	100%	85%	96%	96%	99%	110%	103%	119%	106%	124%	108%
Relative 2000	118%	100%	113%	113%	116%	129%	121%	140%	125%	146%	127%
Relative 2005	104%	89%	100%	100%	103%	114%	107%	124%	111%	130%	112%
Relative 2010	105%	89%	100%	100%	103%	114%	107%	124%	111%	130%	113%
Relative 2015	101%	86%	97%	97%	100%	111%	104%	121%	108%	126%	109%

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
climatecollege.unimelb.edu.au
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