

Liberia

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+19%**

INDC 2025

INDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.0% #160

0.0% #156

0.0% #155

Per-Capita Emissions (tCO2eq/cap)

0.7t #192

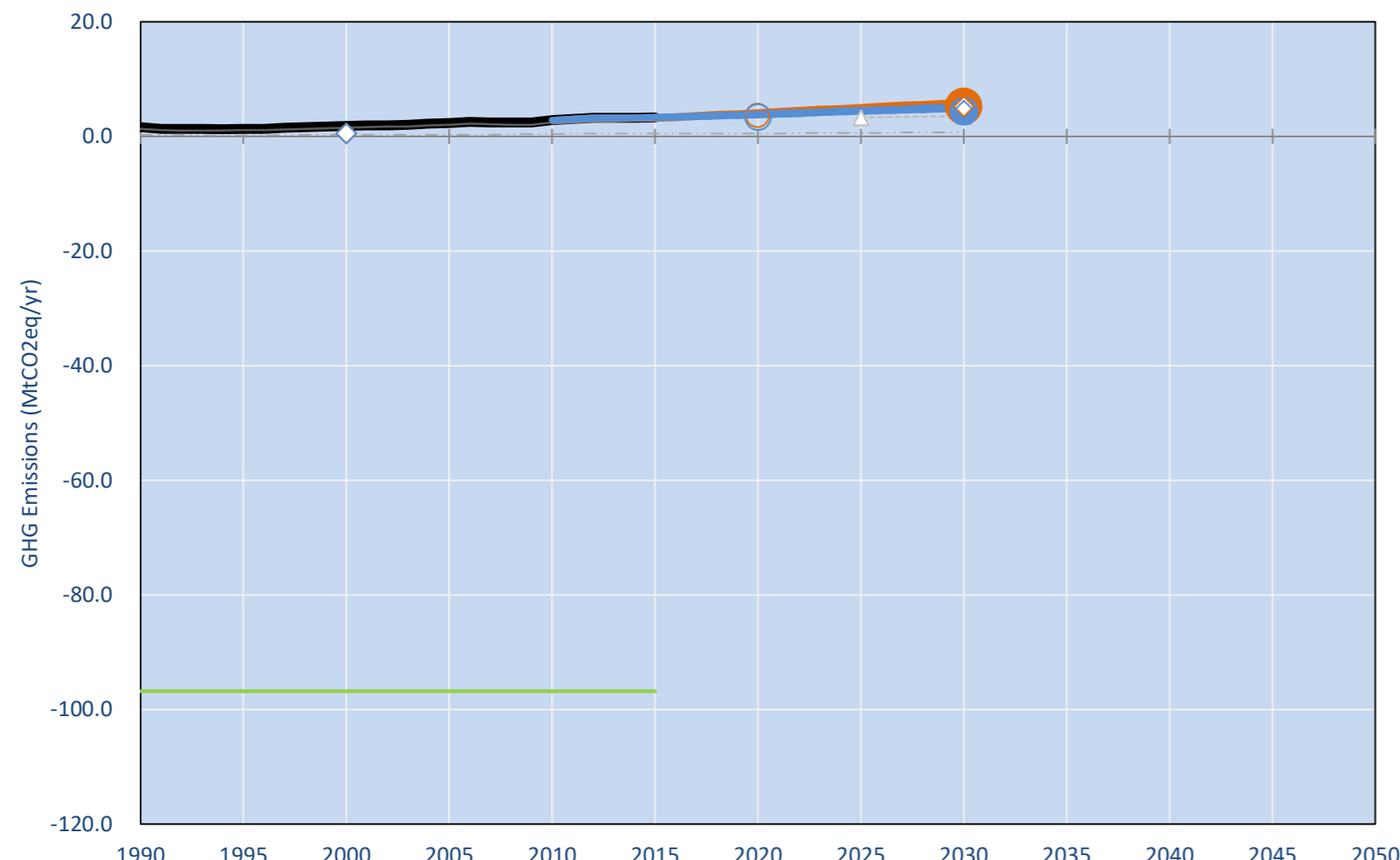
0.8t #188

0.9t #186

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)

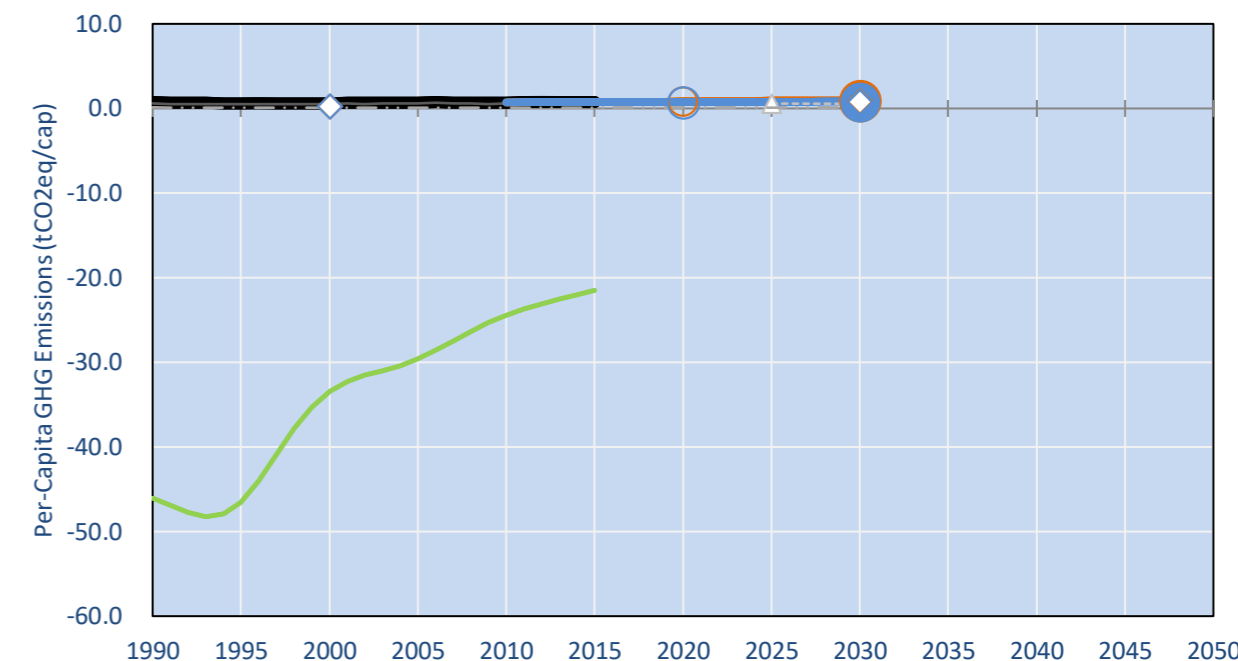
INDC Submitted: 30/09/2015

GHG Emissions

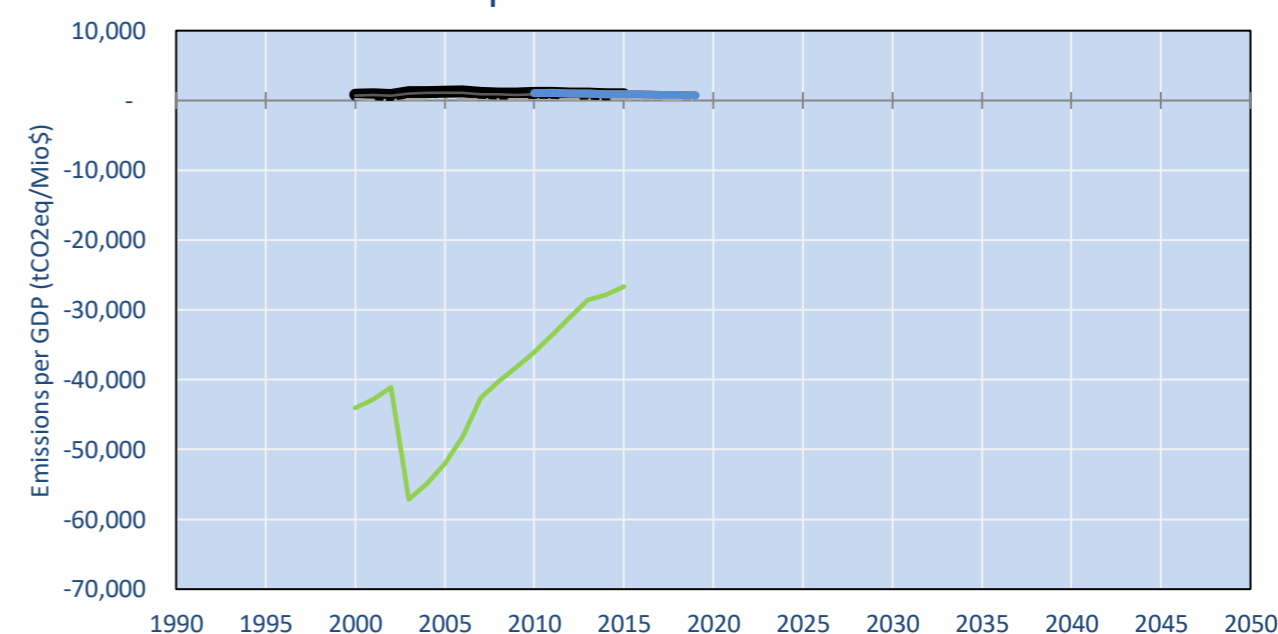


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- 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 27.8%
CH4 56.8%
N2O 14.5%
F-gases 0.9%

By Sector:

Cat. 1 Energy 65.3%
Cat. 2, 3, 6 & 7 19.9%
Cat 4. Agriculture 13.8%
F-gases 0.9%

GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
(MtCO2eq/yr in GWP SAR)						low high	low high	low high
Assumed LULUCF Accounting Credits (-)/Debits (+)								
INDC covered LULUCF Emissions								
INDC covered Emissions excl. LULUCF	1	2	2	2	3	4	3	4
Total GHG excl. LULUCF	2	2	2	3	3	4	4	5
Total GHG incl. LULUCF	95	95	94	94	93	93	92	92

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
Total excl. LULUCF						low high	low high	low high
Relative 1990	100%	115%	148%	179%	209%	264%	247%	323%
Relative 2000	87%	100%	129%	155%	182%	229%	214%	280%
Relative 2005	67%	78%	100%	121%	141%	178%	167%	218%
Relative 2010	56%	64%	83%	100%	117%	147%	138%	181%
Relative 2015	48%	55%	71%	85%	100%	126%	118%	154%

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	6	6
Per-Capita Emissions (tCO2eq/cap)	0.8	0.6	0.7	0.7	0.7	0.8	0.8	0.9
Relative 1990	100%	84%	95%	95%	98%	109%	102%	119%
Relative 2000	119%	100%	114%	113%	117%	130%	122%	142%
Relative 2005	105%	88%	100%	100%	103%	114%	107%	124%
Relative 2010	105%	88%	100%	100%	103%	115%	107%	125%
Relative 2015	102%	86%	98%	97%	100%	111%	104%	121%

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
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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:	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