

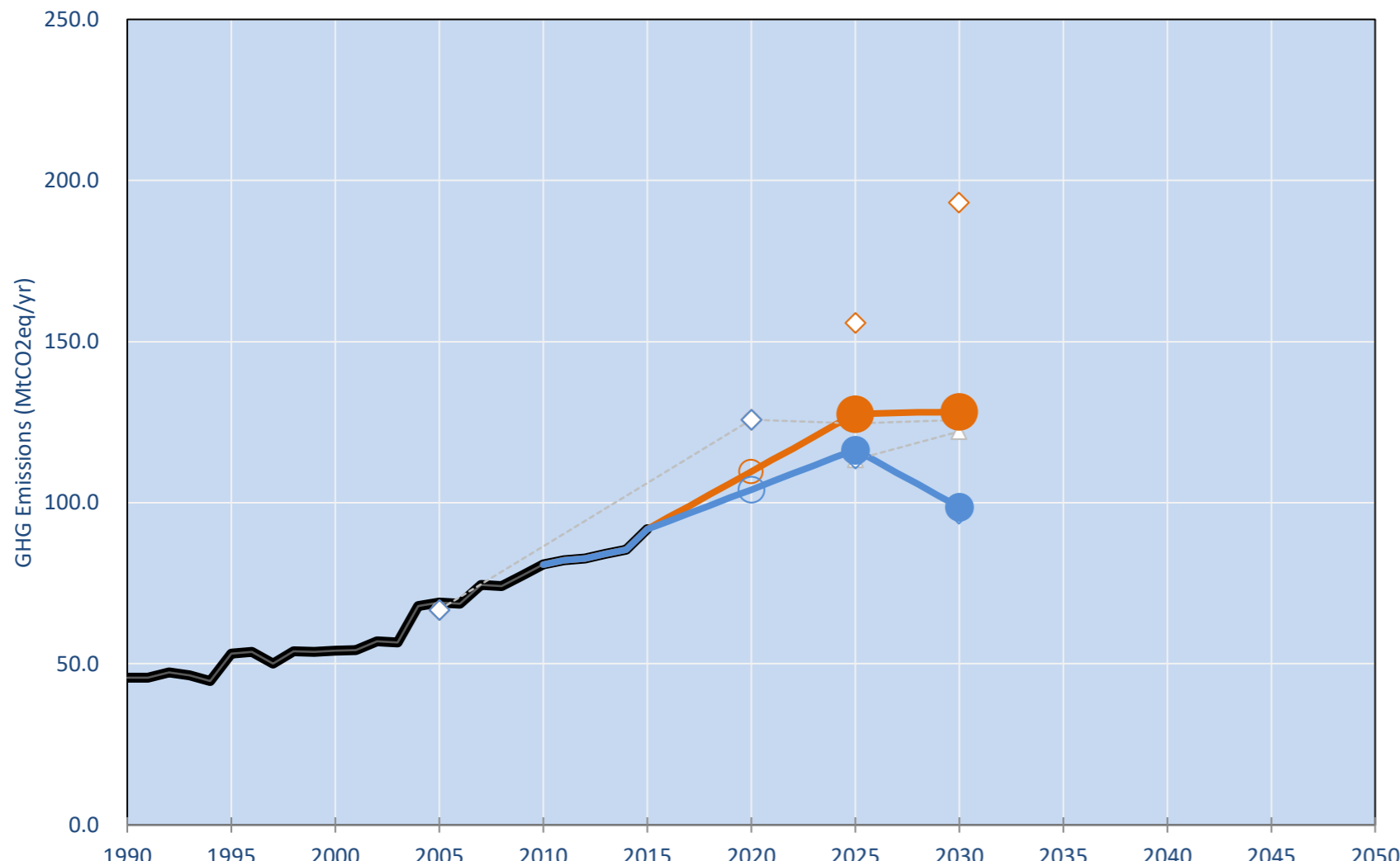
Angola

Shown are averages for low and high or conditional and unconditional INDCs and their inter-extrapolations
Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **-21%**

INDC 2025	INDC 2030	Share of World Emissions excl. LULUCF (Rank):	2015 World Rank	2025 World Rank	2030 World Rank
-20% rel. BAU of 155.8 Mt	-35% rel. BAU of 193.3 Mt	0.2% #56	0.2% #56	0.2% #52	0.2% #57
-27% rel. BAU of 155.8 Mt	-50% rel. BAU of 193.3 Mt	Per-Capita Emissions (tCO2eq/cap)	3.7t #111	3.6t #115	2.9t #128

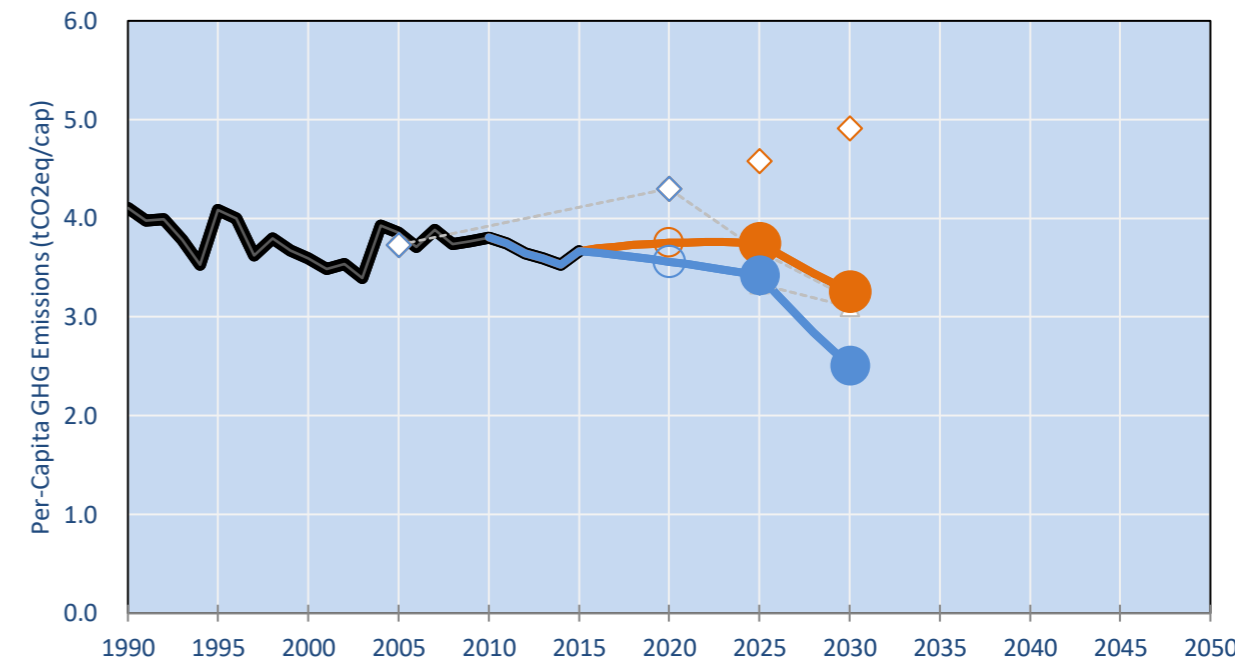
INDC: Reduction of 35% unconditionally and 15% extra conditionally by 2030 below a specified BAU level. . (GWP AR4) INDC Submitted: 29/11/2015

GHG Emissions

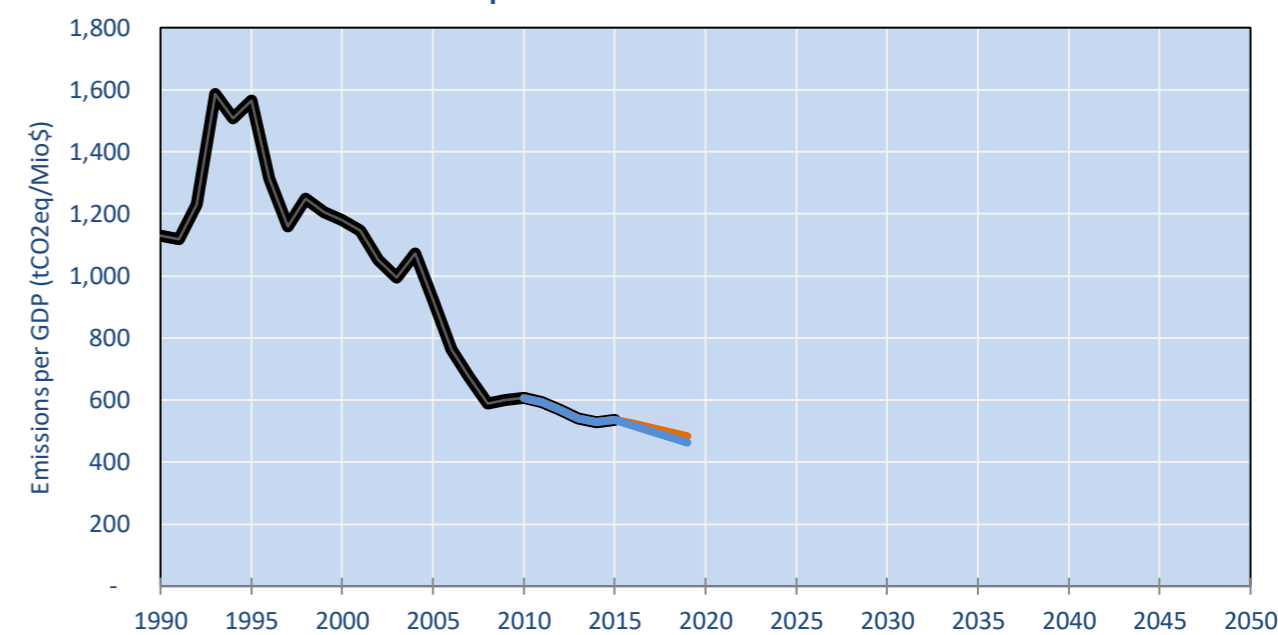


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- 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
- Angola INDC
- Angola INDC unconditional
- Not-covered GHG excl. LULUCF (Region Projection)
- Regional/Gas-specific BAU
- Angola INDC GWP AR4

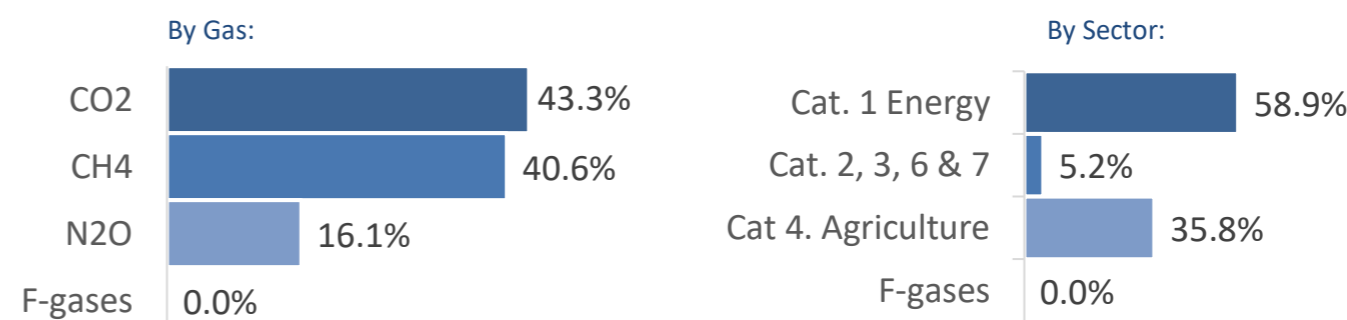
Per-Capita Emissions



GHG Emissions per GDP



2015 Total GHG Emissions excl. LULUCF



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 (+)	-	-	-	-	-	-	-	-	-	-	-
INDC covered LULUCF Emissions	-	-	-	-	-	-	-	-	-	-	-
INDC covered Emissions excl. LULUCF	46	54	69	81	92	110	104	128	116	128	99
Total GHG excl. LULUCF	46	54	69	81	92	110	104	128	116	128	99
Total GHG incl. LULUCF	46	54	69	81	92	110	104	128	116	128	99

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	119%	151%	177%	201%	240%	228%	279%	255%	281%	216%
Relative 2000	84%	100%	127%	149%	170%	203%	192%	236%	215%	237%	182%
Relative 2005	66%	78%	100%	117%	133%	159%	151%	185%	169%	186%	143%
Relative 2010	57%	67%	85%	100%	114%	136%	129%	158%	144%	159%	122%
Relative 2015	50%	59%	75%	88%	100%	119%	113%	139%	127%	140%	107%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	11	15	18	21	25	29	29	34	34	39	39
Per-Capita Emissions (tCO2eq/cap)	4.1	3.6	3.9	3.8	3.7	3.8	3.6	3.8	3.4	3.3	2.5
Relative 1990	100%	88%	94%	93%	89%	91%	87%	91%	83%	79%	61%
Relative 2000	114%	100%	107%	106%	102%	104%	99%	104%	95%	91%	70%
Relative 2005	107%	93%	100%	99%	95%	97%	92%	97%	89%	85%	65%
Relative 2010	108%	94%	101%	100%	96%	99%	94%	99%	90%	86%	66%
Relative 2015	112%	98%	105%	104%	100%	102%	97%	102%	93%	89%	68%

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	LEADER #N/A	LEADER #N/A
CDC #N/A	CDC #N/A	CDC #N/A	CDC #N/A
ECPC50 #N/A	ECPC50 #N/A	ECPC50 #N/A	ECPC50 #N/A
ECPC90 #N/A	ECPC90 #N/A	ECPC90 #N/A	ECPC90 #N/A
GDR #N/A	GDR #N/A	GDR #N/A	GDR #N/A
INDC HIGH 44%	INDC HIGH 22%	INDC HIGH 44%	INDC HIGH 22%
INDC LOW 58%	INDC LOW 59%	INDC LOW 58%	INDC LOW 59%

More info on www.mitigation-contributions.org

"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