



Paris Agreement ratified on: 09/12/2016

# Zambia

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



**-3%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.1% #98

0.1% #94

0.1% #89

Per-Capita Emissions (tCO<sub>2</sub>eq/cap)

2.1t #148

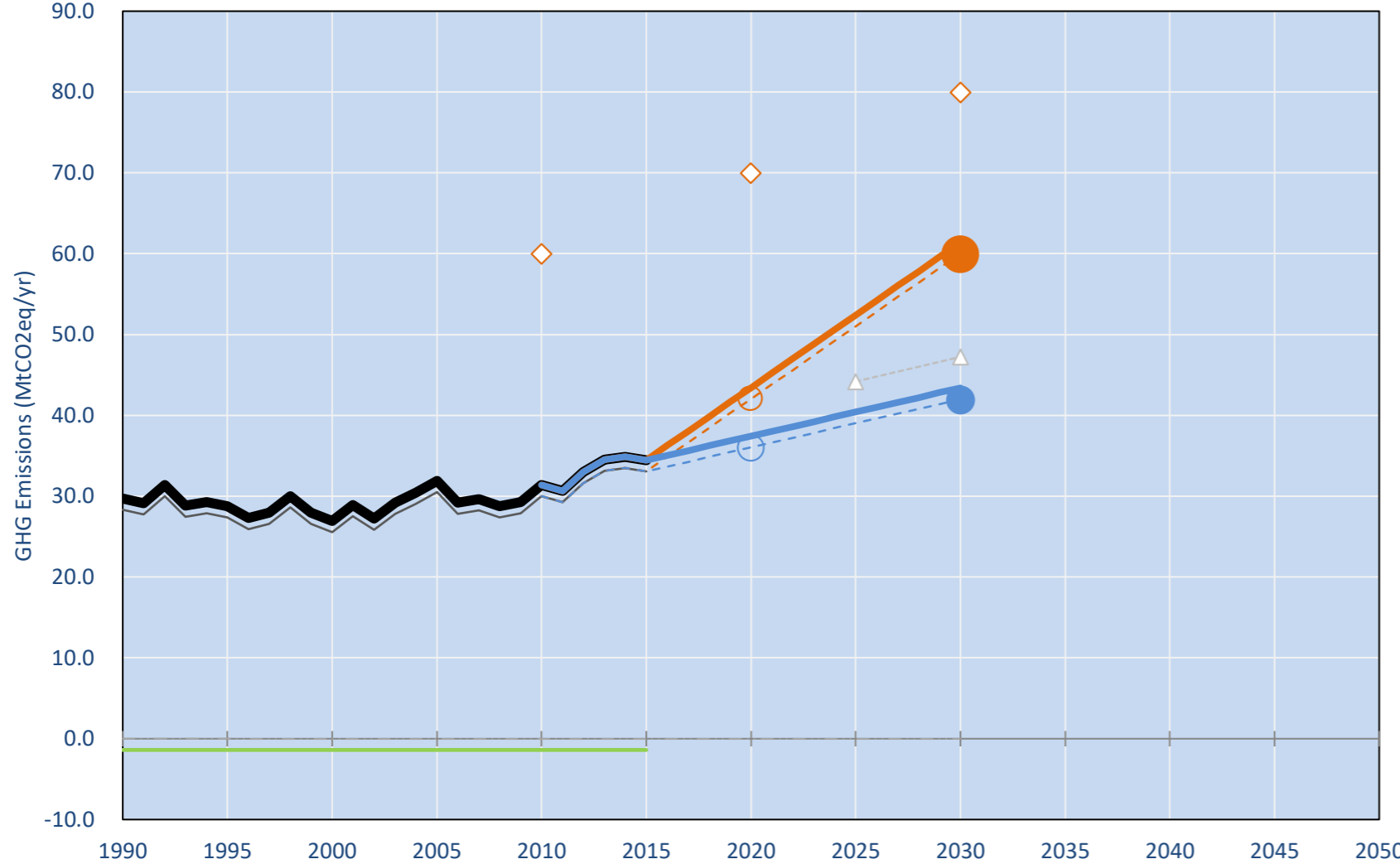
2.1t #154

2.1t #151

NDC: Intends to reduce emissions by implementing programs driven by county's Climate Response Strategy and supported by national development policies, extent of reduction depend on domestic effort and international resources. (GWP SAR)

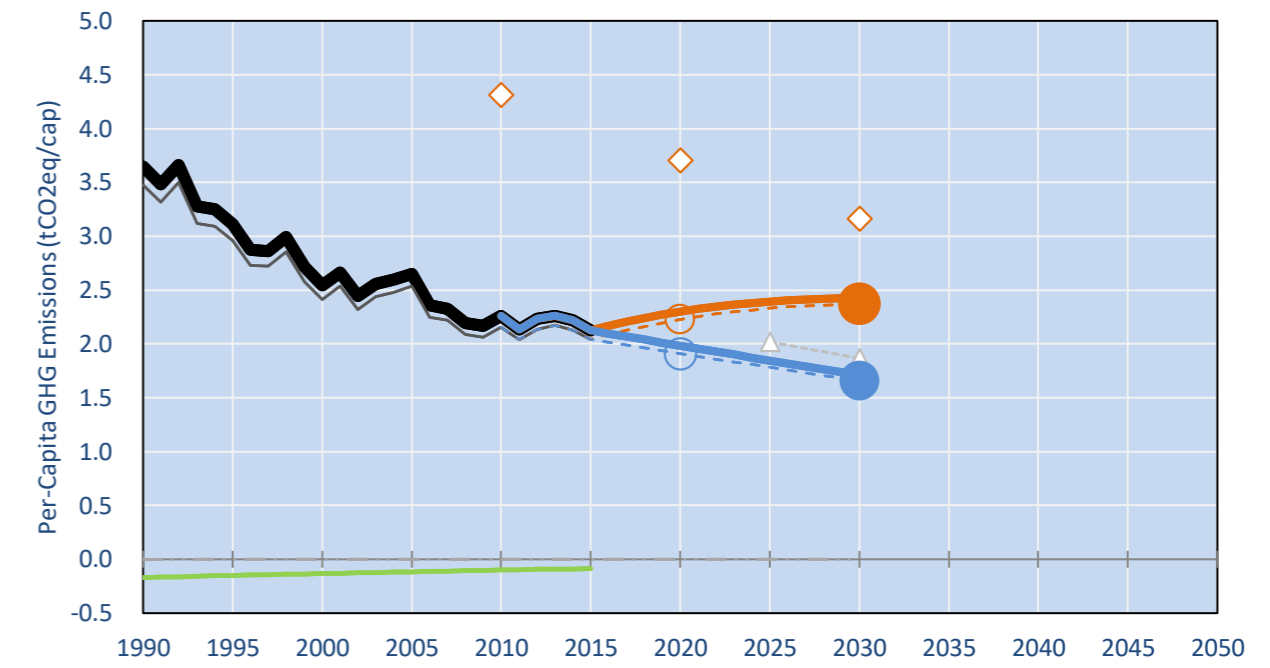
INDC Submitted: 29/09/2015

## GHG Emissions

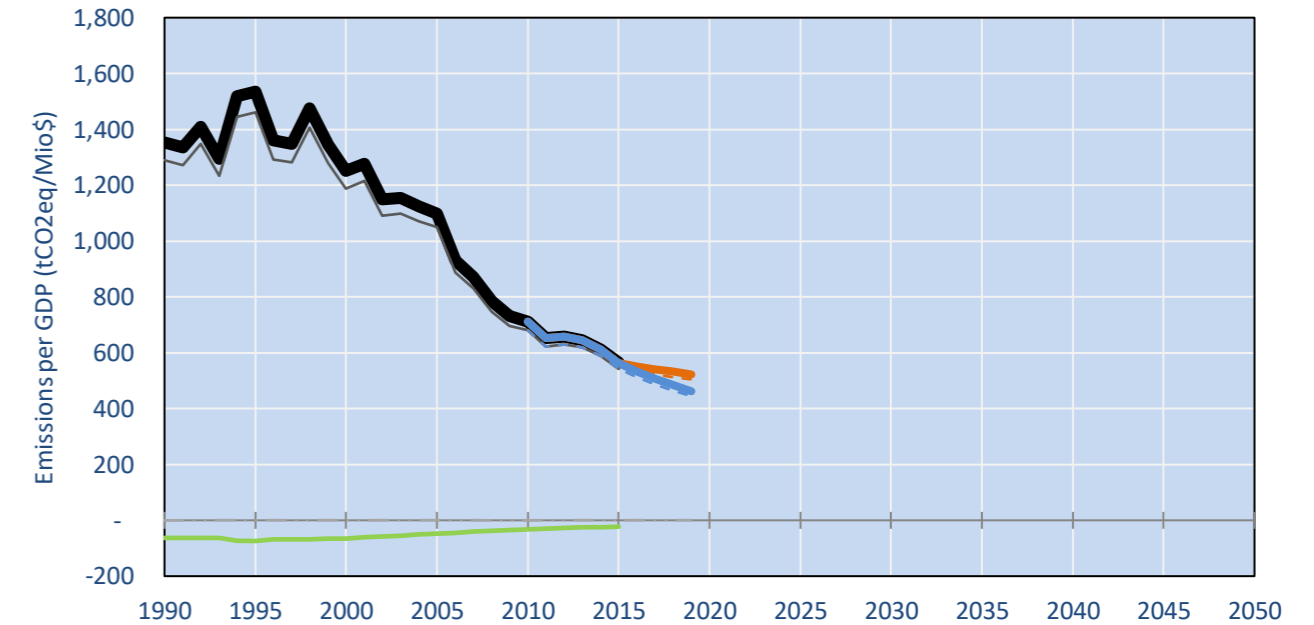


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF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

## Per-Capita Emissions

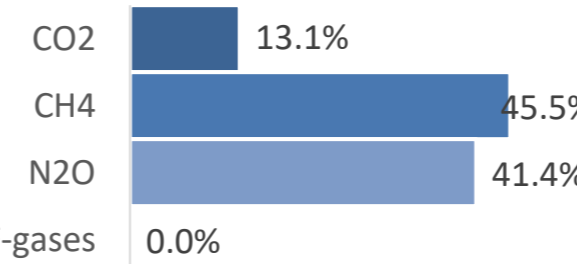


## GHG Emissions per GDP

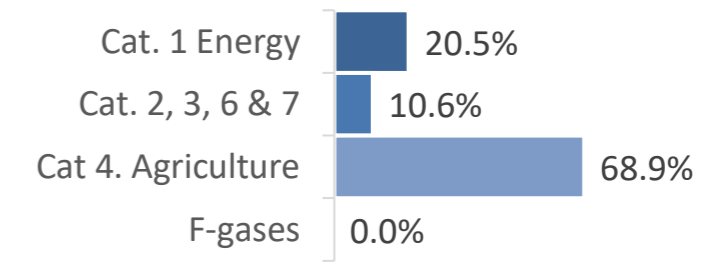


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
(MtCO <sub>2</sub> eq/yr in GWP AR4)						low	high	low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)											
NDC covered LULUCF Emissions	-	1	-	1	-	1	-	1	-	1	-
NDC covered Emissions excl. LULUCF	30	27	32	31	34	43	37	52	40	61	43
Total GHG excl. LULUCF	30	27	32	31	34	43	37	52	40	61	43
Total GHG incl. LULUCF	28	26	31	30	33	42	36	51	39	60	42

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	91%	107%	106%	116%	146%	126%	176%	136%	207%	146%
Relative 2000	110%	100%	119%	117%	128%	161%	139%	195%	150%	228%	161%
Relative 2005	93%	84%	100%	98%	108%	136%	117%	164%	127%	192%	136%
Relative 2010	95%	86%	102%	100%	110%	138%	119%	167%	129%	195%	138%
Relative 2015	86%	78%	93%	91%	100%	126%	109%	152%	117%	178%	126%

## Per-Capita Emissions

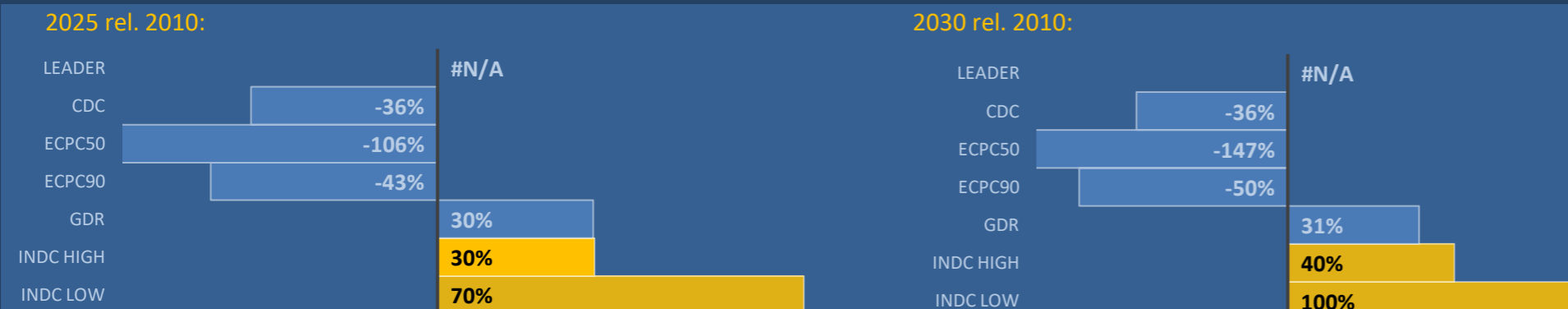
	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	8	11	12	14	16	19	19	22	22	25	25
Per-Capita Emissions (tCO <sub>2</sub> eq/cap)	3.6	2.5	2.7	2.3	2.1	2.3	2.0	2.4	1.8	2.4	1.7
Relative 1990	100%	70%	73%	62%	58%	63%	54%	66%	51%	66%	47%
Relative 2000	143%	100%	104%	89%	84%	90%	78%	94%	73%	95%	67%
Relative 2005	138%	96%	100%	85%	80%	87%	75%	90%	70%	91%	65%
Relative 2010	162%	113%	117%	100%	94%	102%	88%	106%	82%	107%	76%
Relative 2015	172%	120%	125%	106%	100%	108%	93%	113%	87%	114%	81%

## 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
- Cat5A1\_CO2 UNFCCC CRF + Nat. Comms.
- Cat5A2\_CO2 UNFCCC CRF + Nat. Comms.
- Cat5LtoNonFL\_CO2 UNFCCC CRF + Nat. Comms.
- Cat5GMCMWMM\_C UNFCCC CRF
- Cat5A1ForestFires UNFCCC Cat5 + EDGAR(IPCC Database)
- Cat5A1HWP\_CO2 UNFCCC CRF + Nat. Comms.
- Cat5bisA\_CO2 UNFCCC CRF + NATCOMM.
- Cat5bisB\_CO2 UNFCCC CRF + NATCOMM.
- Cat5bisC\_CO2 UNFCCC CRF + NATCOMM.
- Cat5bisD\_CO2 UNFCCC CRF + NATCOMM.
- Cat5bisE\_CO2 UNFCCC CRF + NATCOMM.
- PRO\_WM\_Cat5\_G UNFCCC Annex I Reports
- Metric GWP AR4



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



Shown fair contributions only indicative  
"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