

# Malawi

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **-10%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.0% #140

0.0% #141

0.0% #138

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

0.6t #195

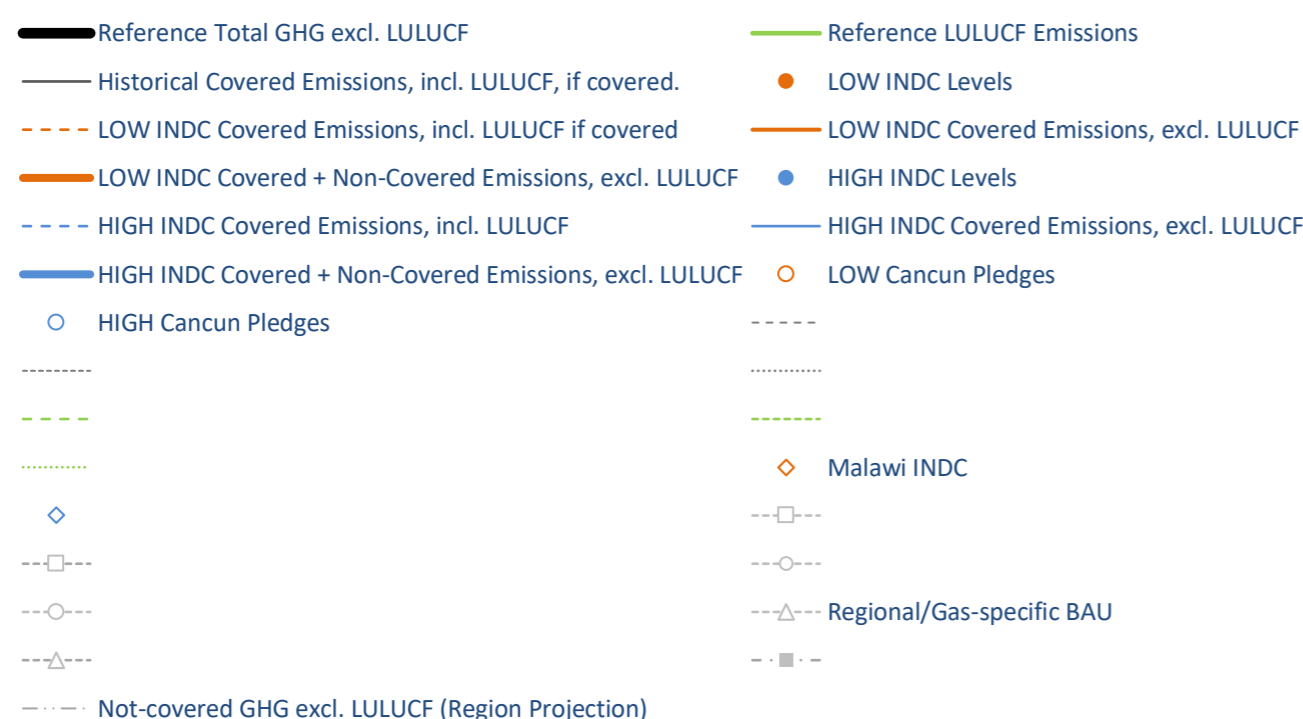
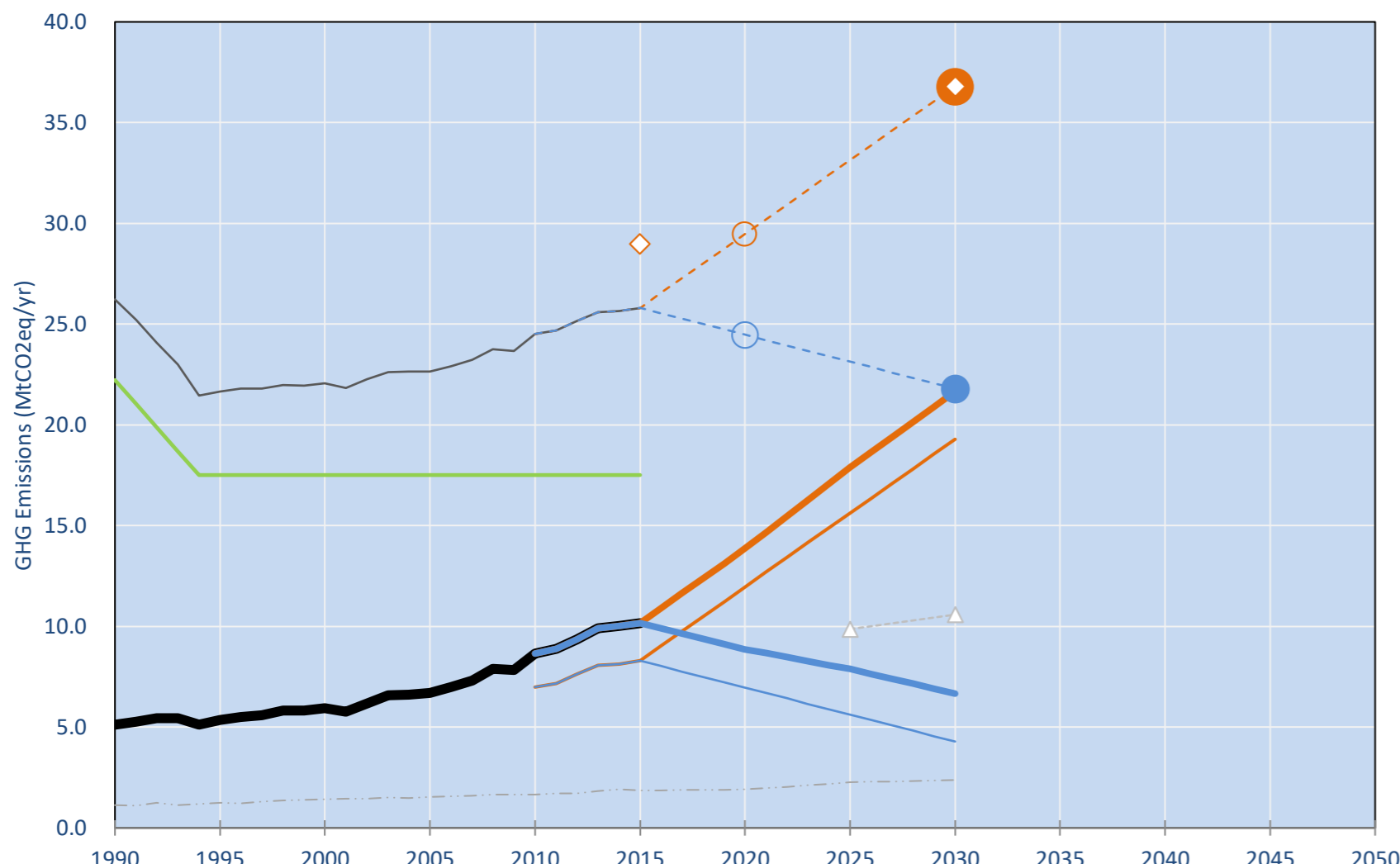
0.6t #193

0.5t #194

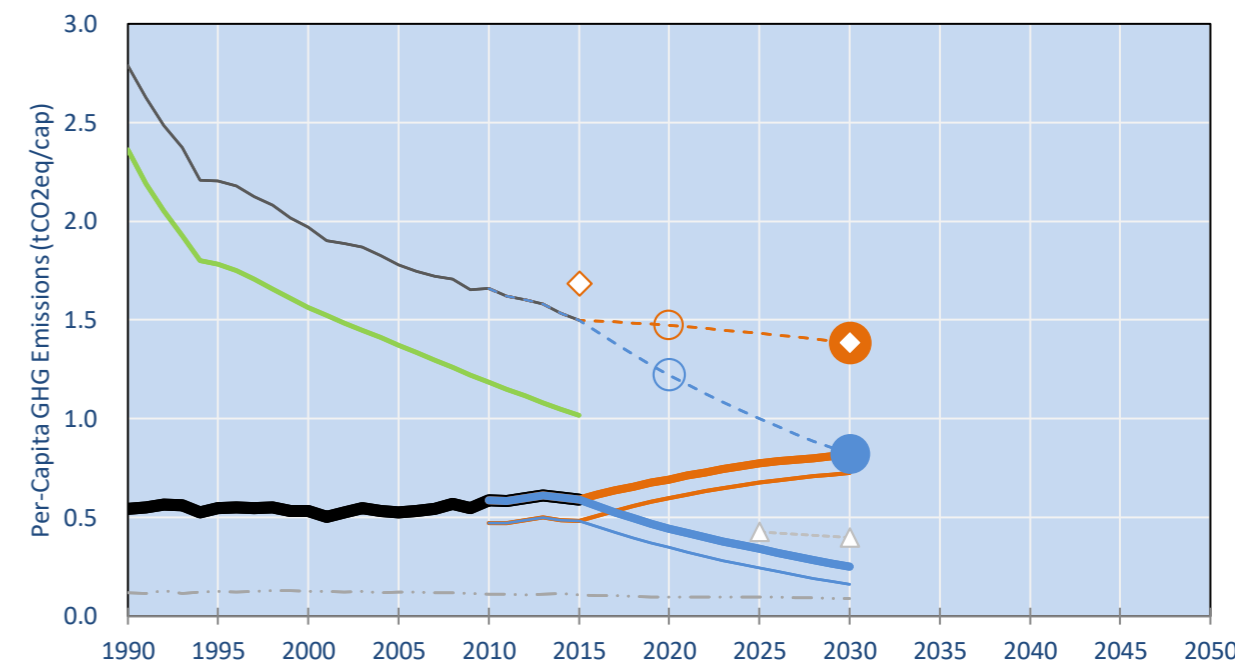
NDC: Estimated reduction between 14,000 and 16,000 Gg CO<sub>2</sub>eq through policies, programmes and projects conditional on external support. (GWP unclear)

INDC Submitted: 1/10/2015

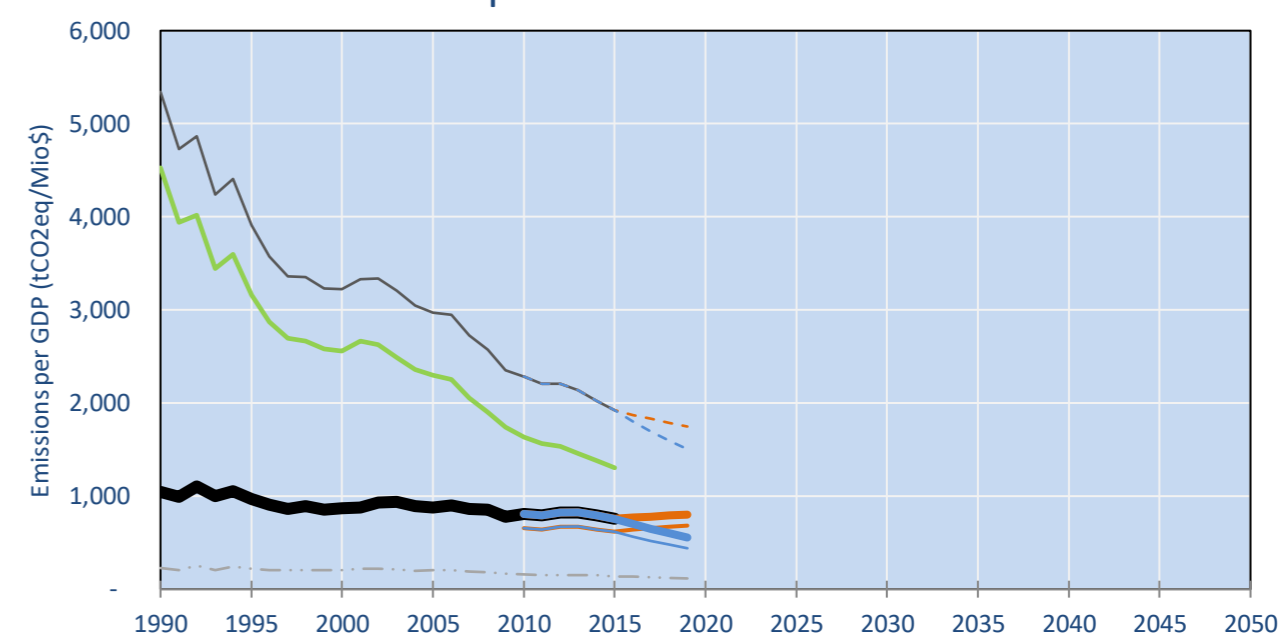
## GHG Emissions



## Per-Capita Emissions

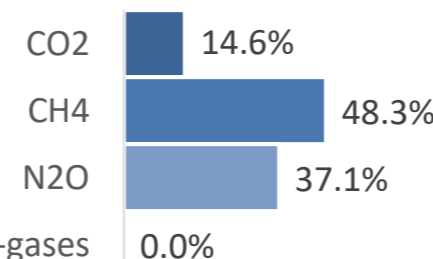


## GHG Emissions per GDP

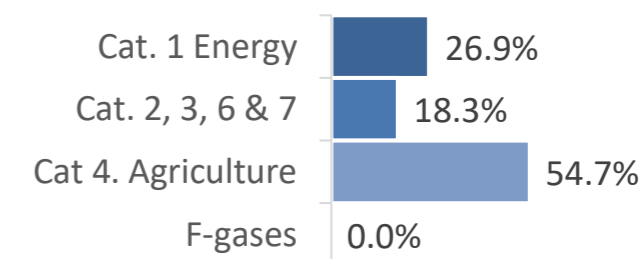


### 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
(MtCO <sub>2</sub> eq/yr in GWP SAR)						low	high	low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)											
NDC covered LULUCF Emissions											
NDC covered Emissions excl. LULUCF	4	5	5	7	8	12	7	16	6	19	4
Total GHG excl. LULUCF	5	6	7	9	10	14	9	18	8	22	7
Total GHG incl. LULUCF	27	23	24	26	28	31	26	35	25	39	24

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	116%	131%	169%	198%	271%	173%	349%	154%	423%	130%
Relative 2000	86%	100%	112%	145%	171%	233%	149%	300%	132%	364%	112%
Relative 2005	77%	89%	100%	129%	152%	207%	132%	267%	118%	324%	100%
Relative 2010	59%	69%	77%	100%	117%	160%	102%	207%	91%	250%	77%
Relative 2015	50%	59%	66%	85%	100%	136%	87%	176%	78%	213%	66%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	9	11	13	15	17	20	20	23	23	27	27
Per-Capita Emissions (tCO <sub>2</sub> eq/cap)	0.5	0.5	0.5	0.6	0.6	0.7	0.4	0.8	0.3	0.8	0.3
Relative 1990	100%	98%	96%	108%	108%	127%	81%	142%	63%	150%	46%
Relative 2000	102%	100%	99%	110%	111%	130%	83%	145%	64%	153%	47%
Relative 2005	104%	101%	100%	112%	112%	132%	84%	147%	65%	155%	48%
Relative 2010	93%	91%	90%	100%	101%	118%	76%	132%	58%	139%	43%
Relative 2015	92%	90%	89%	99%	100%	117%	75%	131%	58%	138%	42%

## Data Sources:

Cat1_CO2	PRIMAPHIST17	Cat5A1_CO2	UNFCCC CRF + Nat. Comms.
Cat2367_CO2	PRIMAPHIST17	Cat5A2_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CO2	PRIMAPHIST17	Cat5LtoNonFL_CO2	UNFCCC CRF + Nat. Comms.
Cat5_CO2	PRIMAPHIST17	Cat5GCMCMWM_C	UNFCCC CRF
Cat1_CH4	PRIMAPHIST17	Cat5A1ForestFires	UNFCCC Cat5 + EDGAR(IPCC Database)
Cat2367_CH4	PRIMAPHIST17	Cat5A1HWP_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CH4	PRIMAPHIST17	Cat5bisA_CO2	UNFCCC CRF + NATCOMM.
Cat5_CH4	PRIMAPHIST17	Cat5bisB_CO2	UNFCCC CRF + NATCOMM.
Cat1_N2O	PRIMAPHIST17	Cat5bisC_CO2	UNFCCC CRF + NATCOMM.
Cat2367_N2O	PRIMAPHIST17	Cat5bisD_CO2	UNFCCC CRF + NATCOMM.
Cat4_N2O	PRIMAPHIST17	Cat5bisE_CO2	UNFCCC CRF + NATCOMM.
Cat5_N2O	PRIMAPHIST17	PRO_WM_Cat5_G	UNFCCC Annex I Reports
Cat0_HFCs	PRIMAPHIST17	Metric	GWP SAR
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



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

	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	-3%	INDC HIGH	-8%
INDC LOW	35%	INDC LOW	50%

## 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