

# Madagascar

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **-52%**

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% #116

0.0% #121

Per-Capita Emissions (tCO2eq/cap)

1.4t #167

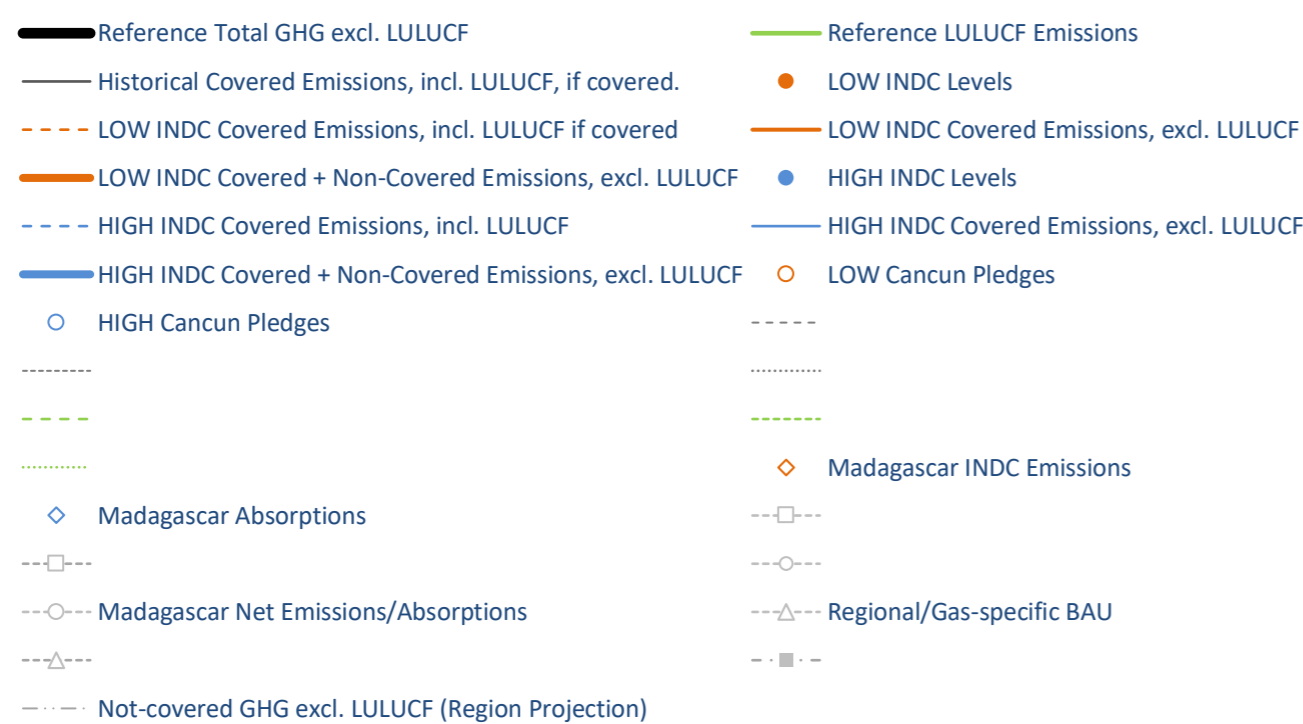
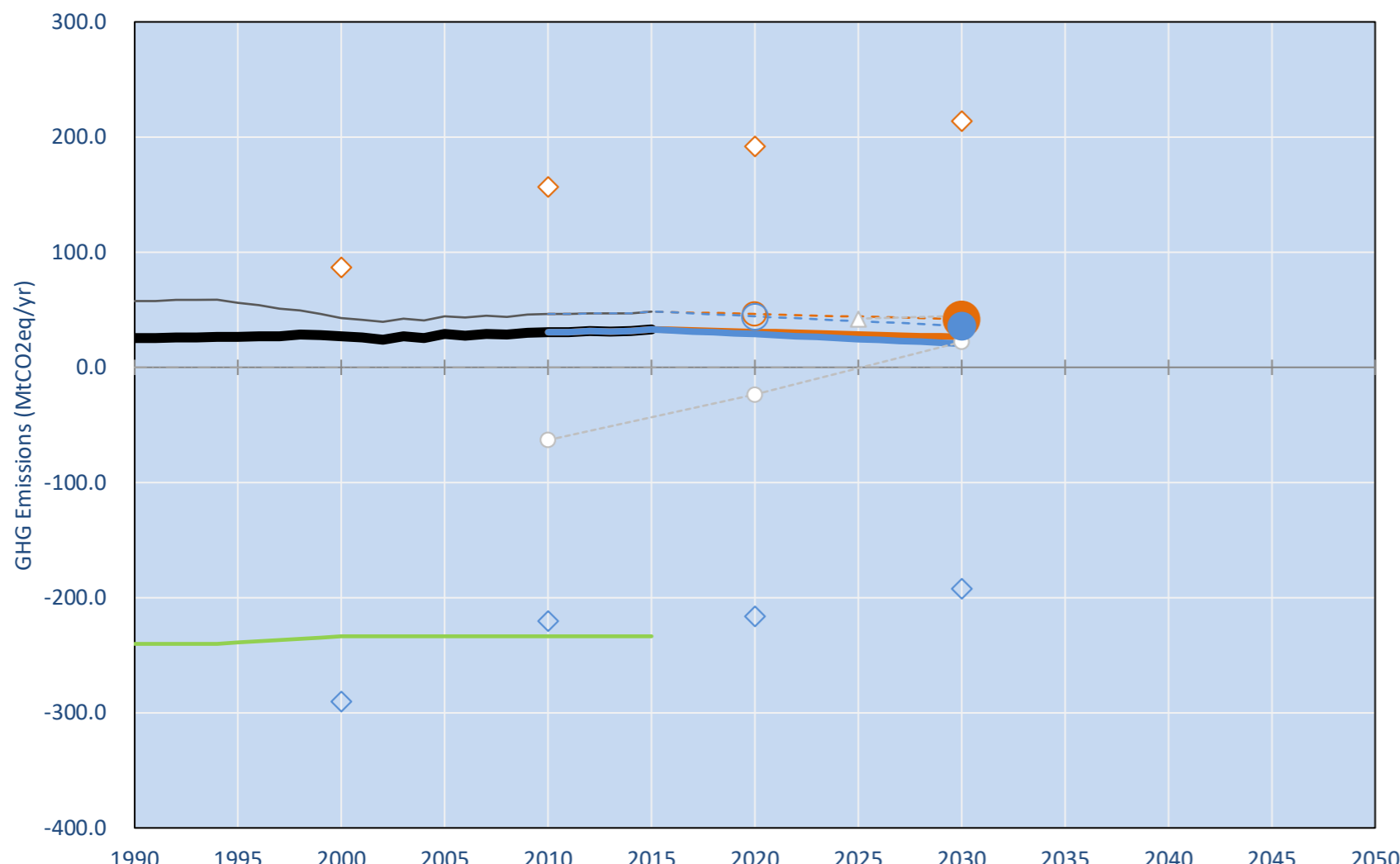
0.8t #189

0.7t #192

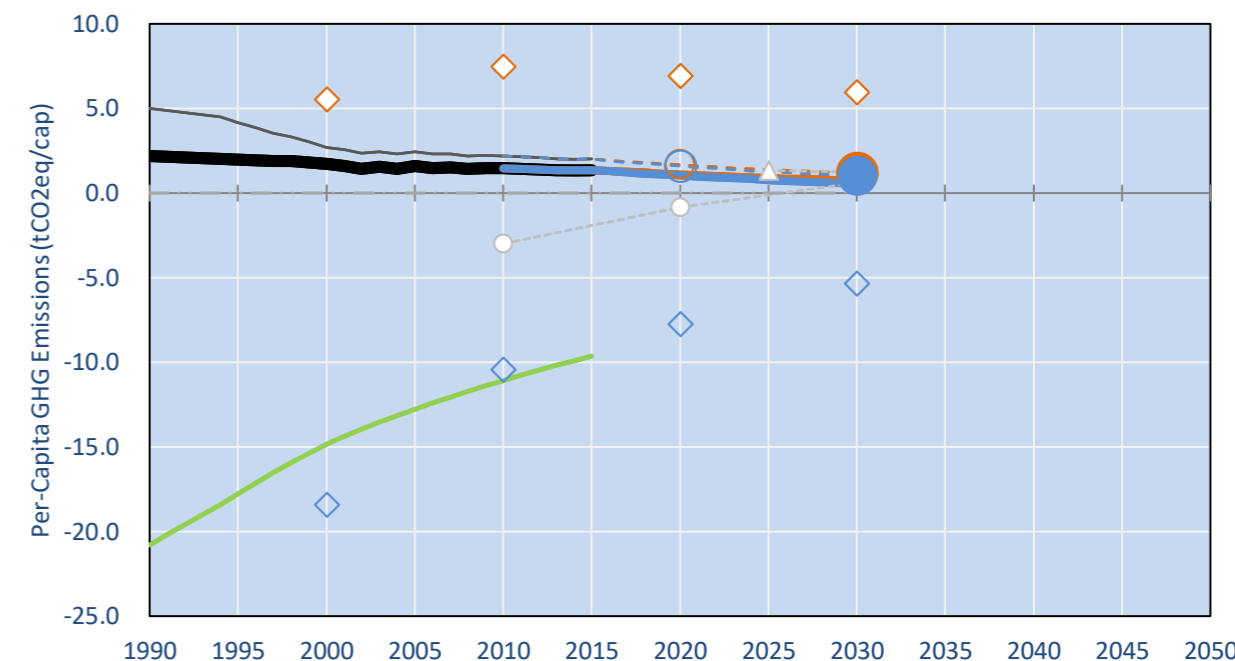
NDC: Reduce Emissions from all sectors by 14% relative to BAU. And increase sinks from LULUCF by 32%. (GWP SAR)

INDC Submitted: 24/09/2015

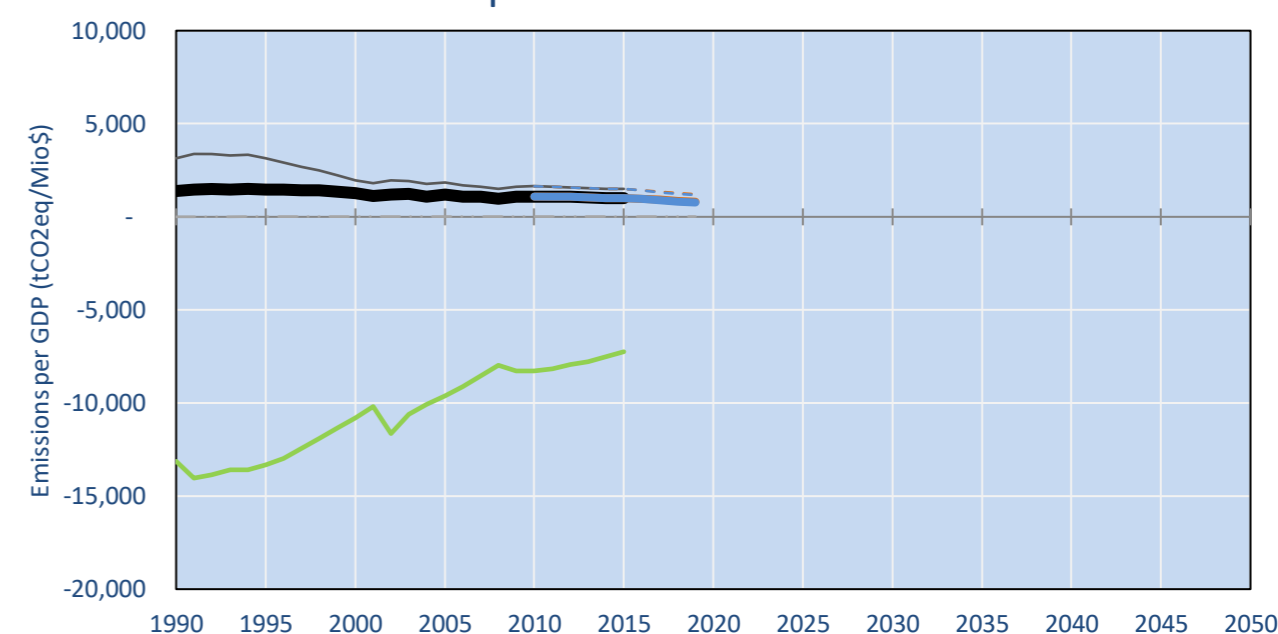
## GHG Emissions



## Per-Capita Emissions

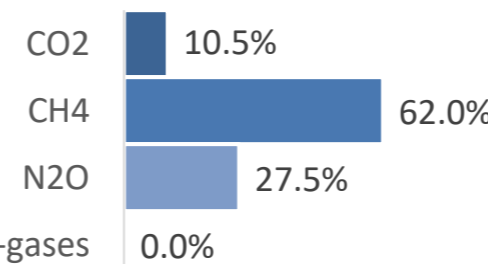


## GHG Emissions per GDP

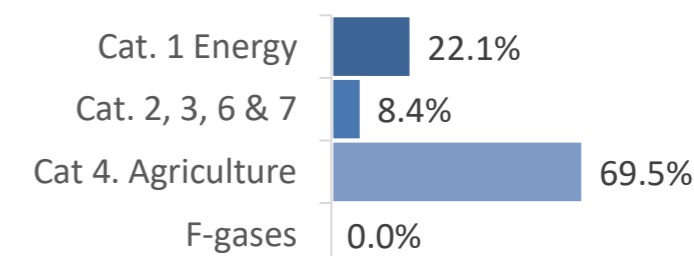


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
(MtCO2eq/yr in GWP SAR)						low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)									
NDC covered LULUCF Emissions	32	16	16	16	16	16	16	16	16
NDC covered Emissions excl. LULUCF	25	27	29	31	33	31	29	25	26
Total GHG excl. LULUCF	25	27	29	31	33	31	29	25	26
Total GHG incl. LULUCF	-215	-206	-205	-203	-201	-203	-205	-209	-207

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Relative 1990	100%	107%	114%	121%	130%	122%	114%	113%	104%
Relative 2000	93%	100%	107%	113%	121%	113%	106%	105%	97%
Relative 2005	87%	94%	100%	106%	114%	106%	100%	99%	85%
Relative 2010	82%	88%	94%	100%	107%	100%	94%	93%	80%
Relative 2015	77%	82%	88%	93%	100%	93%	87%	87%	75%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Population (Mio)	12	16	18	21	24	28	28	32	36
Per-Capita Emissions (tCO2eq/cap)	2.2	1.7	1.6	1.5	1.4	1.1	1.0	0.9	0.7
Relative 1990	100%	79%	72%	67%	62%	51%	47%	41%	33%
Relative 2000	127%	100%	92%	85%	79%	64%	60%	52%	43%
Relative 2005	139%	109%	100%	92%	86%	70%	66%	57%	46%
Relative 2010	150%	118%	109%	100%	93%	76%	71%	62%	50%
Relative 2015	161%	127%	116%	107%	100%	81%	76%	66%	54%

## 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...  
 PRIMAPHIST16 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:
LEADER	#N/A
CDC	#N/A
ECPC50	#N/A
ECPC90	#N/A
GDR	#N/A
INDC HIGH	#N/A
INDC LOW	#N/A

## More info on www.mitigation-contributions.org

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