

Shown: 2025 & 2030: Min/max of unconditional and conditional targets

Paris Agreement ratified on: 13/10/2016

# Costa Rica

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **-43%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.0% #128

0.0% #145

0.0% #148

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

3t #121

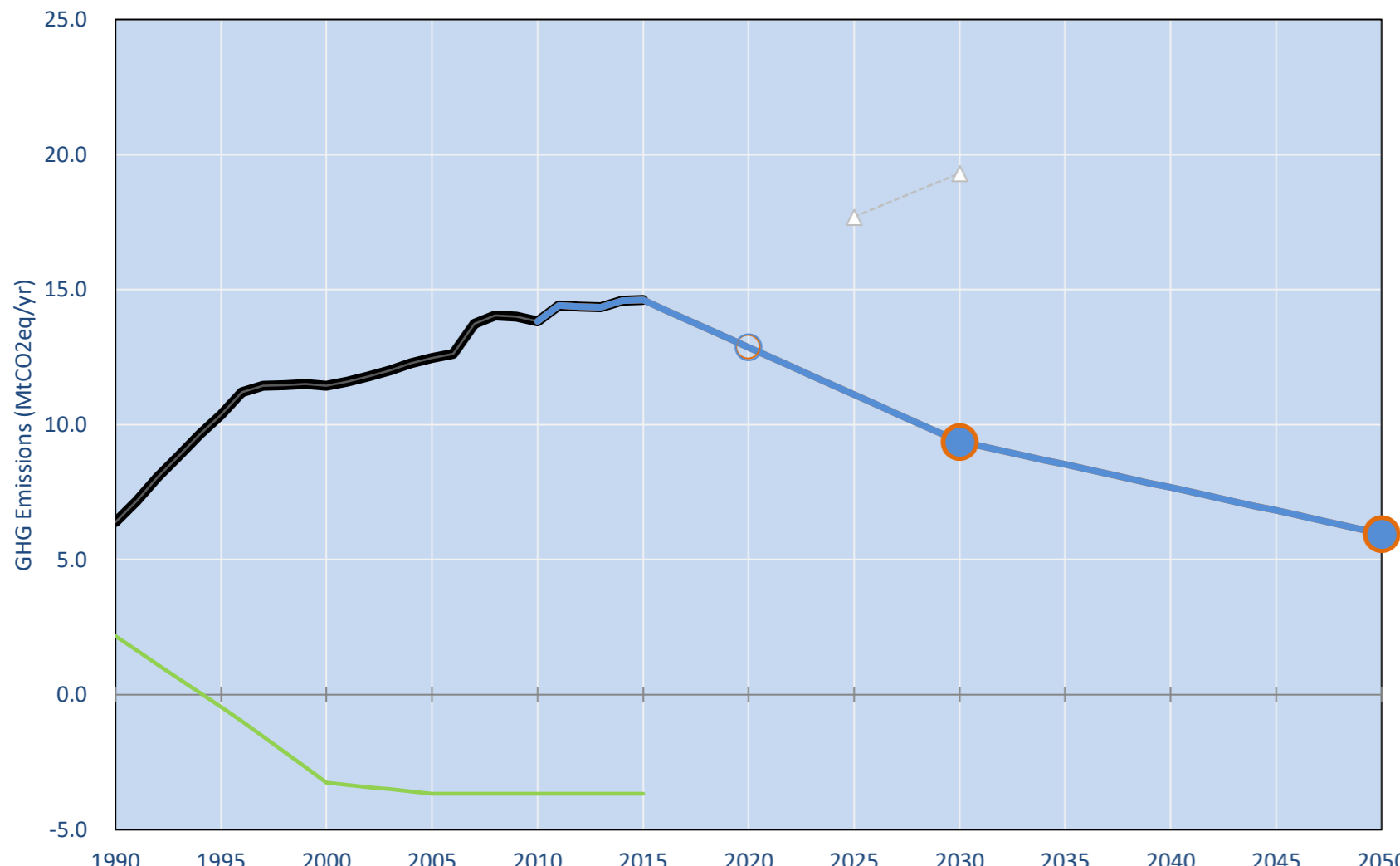
2.1t #148

1.7t #161

NDC: Maximum net emissions limited to 9.37 Mt CO<sub>2</sub>eq by 2030. In addition Costa Rica is committed to reduce emission reduction of GHG emissions of 44% compared to BAU. (GWP unclear)

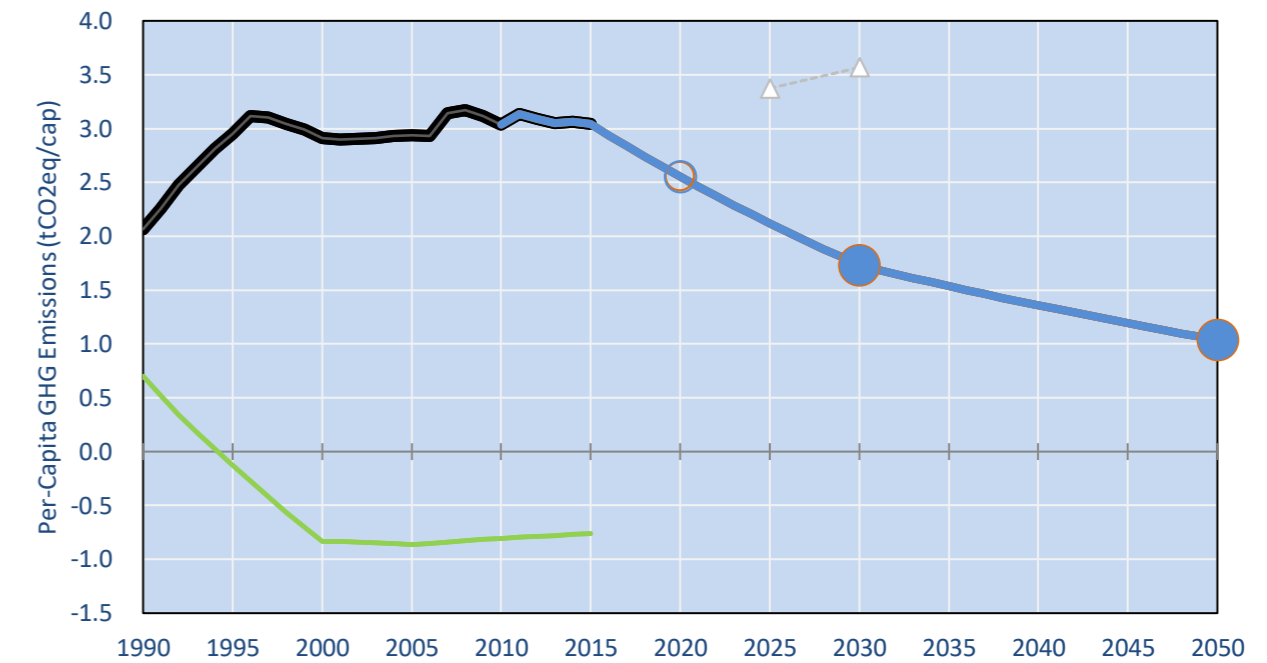
INDC Submitted: 30/09/2015

## GHG Emissions

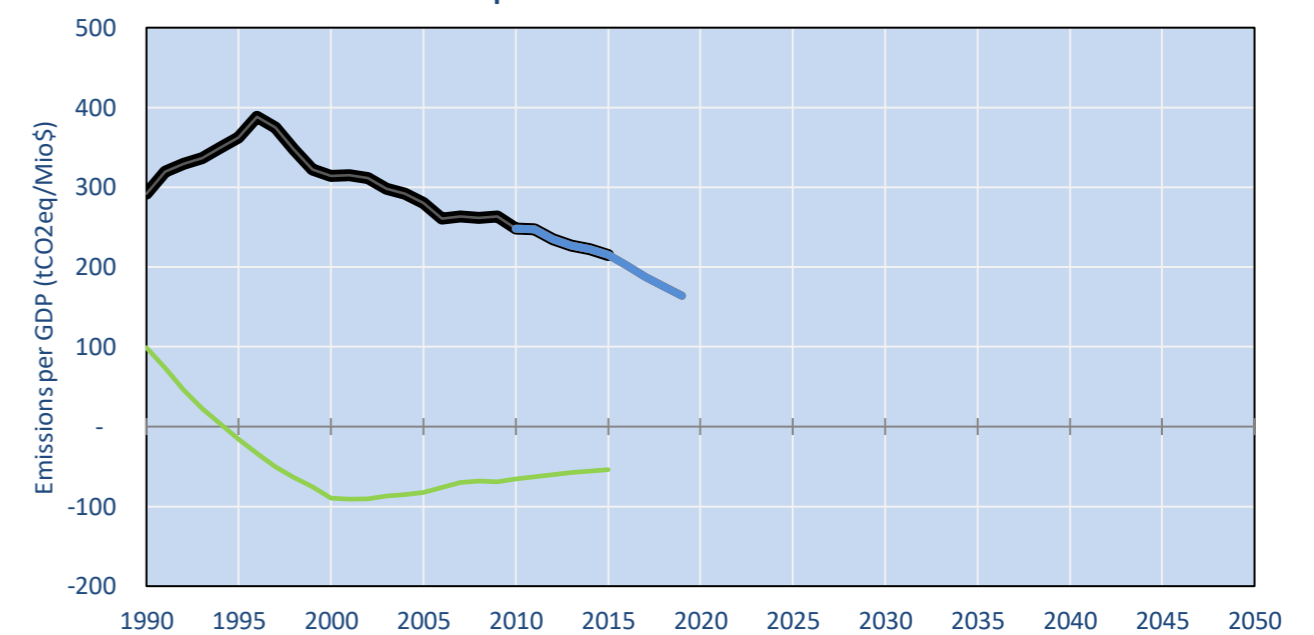


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- 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
- 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:

CO<sub>2</sub> 48.0%  
CH<sub>4</sub> 30.6%  
N<sub>2</sub>O 20.6%  
F-gases 0.8%

By Sector:

Cat. 1 Energy 46.9%  
Cat. 2, 3, 6 & 7 16.4%  
Cat 4. Agriculture 35.9%  
F-gases 0.8%

## GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
(MtCO <sub>2</sub> eq/yr in GWP SAR)						low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)									
NDC covered LULUCF Emissions									
NDC covered Emissions excl. LULUCF	6	11	12	14	15	13	13	11	11
Total GHG excl. LULUCF	6	11	12	14	15	13	13	11	11
Total GHG incl. LULUCF	9	8	9	10	11	9	9	7	7

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Relative 1990	100%	179%	195%	216%	229%	201%	201%	174%	174%
Relative 2000	56%	100%	109%	121%	128%	113%	113%	97%	97%
Relative 2005	51%	92%	100%	111%	117%	103%	103%	89%	89%
Relative 2010	46%	83%	90%	100%	106%	93%	93%	80%	80%
Relative 2015	44%	78%	85%	95%	100%	88%	88%	76%	76%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Population (Mio)	3	4	4	5	5	5	5	5	5
Per-Capita Emissions (tCO <sub>2</sub> eq/cap)	2.1	2.9	2.9	3.0	3.0	2.6	2.6	2.1	2.1
Relative 1990	100%	141%	142%	147%	147%	124%	124%	103%	103%
Relative 2000	71%	100%	101%	104%	104%	88%	88%	73%	73%
Relative 2005	70%	99%	100%	104%	104%	87%	87%	72%	72%
Relative 2010	68%	96%	97%	100%	100%	84%	84%	70%	70%
Relative 2015	68%	96%	97%	100%	100%	84%	84%	70%	70%

## 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

## 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	-27%
INDC LOW	-27%

## 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