

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

Paris Agreement ratified on: 26/10/2016

Monaco

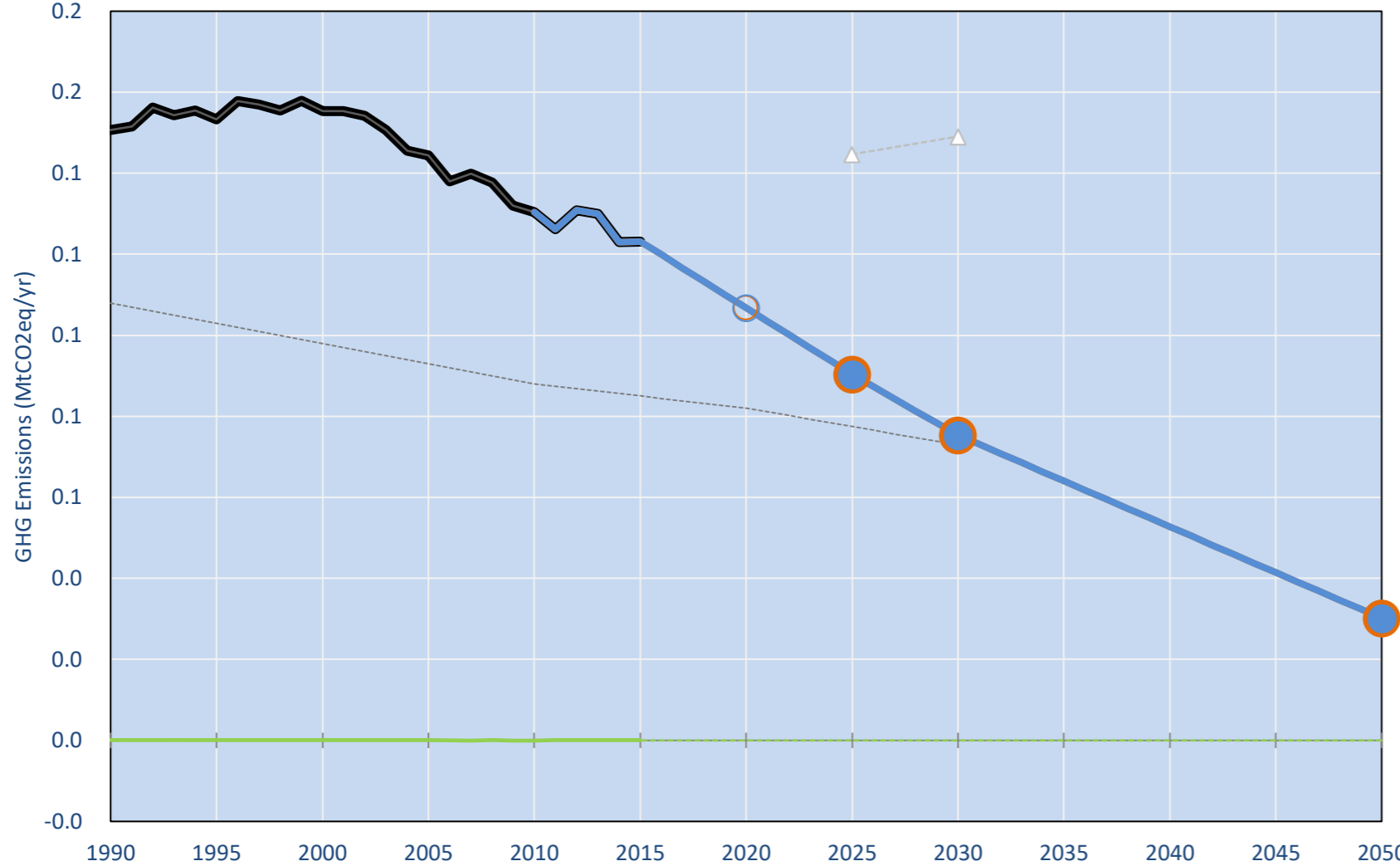
Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **-43%**

NDC 2025	NDC 2030	2015 World Rank	2025 World Rank	2030 World Rank
-40% rel.1990	-50% rel.1990	0.0% #194	0.0% #193	0.0% #194
Share of World Emissions excl. LULUCF (Rank):		0.0% #194	0.0% #193	0.0% #194
Per-Capita Emissions (tCO2eq/cap)		3.3t #118	2.3t #146	1.9t #158

NDC: GHG emission reduction by 50% by 2030 below 1990 levels. (GWP AR4)

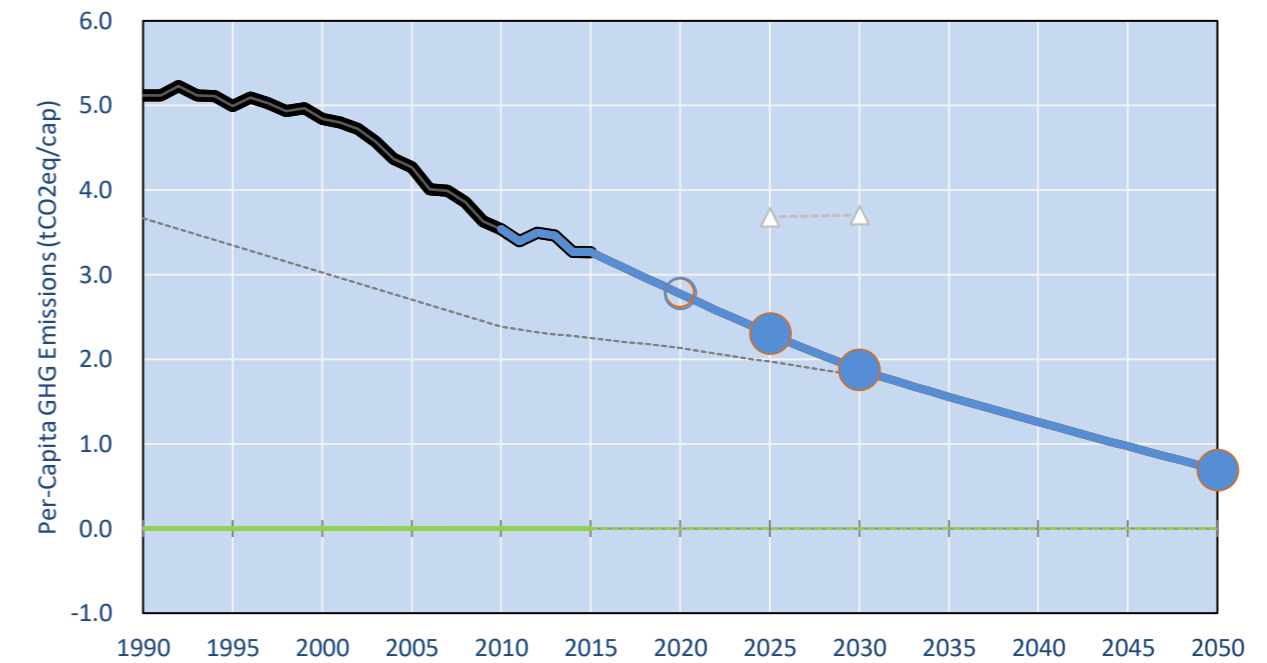
INDC Submitted: 4/08/2015

GHG Emissions

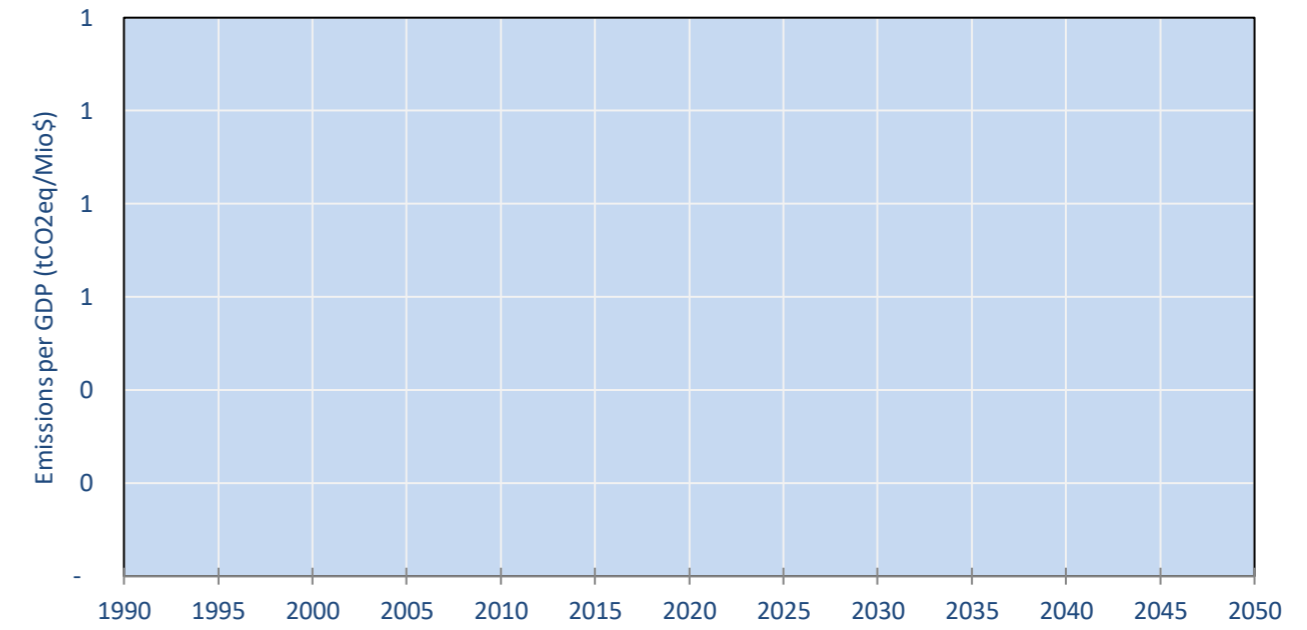


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH Cancun Pledges
- WM Total excl. LULUCF Projections
- WM LULUCF Projections
- Not-covered GHG excl. LULUCF (Region Projection)
- 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

Per-Capita Emissions



GHG Emissions per GDP



2015 Total GHG Emissions excl. LULUCF

By Gas:	By Sector:
CO2: 61.9%	Cat. 1 Energy: 58.0%
CH4: 24.9%	Cat. 2, 3, 6 & 7: 9.4%
N2O: 13.1%	Cat 4. Agriculture: 32.5%
F-gases: 0.1%	F-gases: 0.1%

GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
(MtCO2eq/yr in GWP AR5)						low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)						0	0		
NDC covered LULUCF Emissions									
NDC covered Emissions excl. LULUCF	0	0	0	0	0	0	0	0	0
Total GHG excl. LULUCF	0	0	0	0	0	0	0	0	0
Total GHG incl. LULUCF	0	0	0	0	0	0	0	0	0

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Relative 1990	100%	103%	96%	87%	82%	71%	71%	60%	60%
Relative 2000	97%	100%	93%	84%	79%	69%	69%	58%	58%
Relative 2005	104%	108%	100%	90%	85%	74%	74%	63%	63%
Relative 2010	116%	119%	111%	100%	94%	82%	82%	69%	69%
Relative 2015	122%	126%	117%	106%	100%	87%	87%	73%	73%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Population (Mio)	0	0	0	0	0	0	0	0	0
Per-Capita Emissions (tCO2eq/cap)	5.1	4.8	4.3	3.5	3.3	2.8	2.8	2.3	2.3
Relative 1990	100%	95%	83%	69%	64%	54%	54%	45%	45%
Relative 2000	106%	100%	88%	73%	67%	57%	57%	47%	47%
Relative 2005	120%	113%	100%	83%	76%	65%	65%	54%	54%
Relative 2010	145%	137%	121%	100%	92%	78%	78%	65%	65%
Relative 2015	157%	148%	131%	108%	100%	85%	85%	70%	70%

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	Cat5GMCMWMM_C	UNFCCC CRF + Nat. Comms.
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 AR5
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
CDC	#N/A
ECPC50	#N/A
ECPC90	#N/A
GDR	#N/A
INDC HIGH	-31%
INDC LOW	-31%

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