

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

Paris Agreement ratified on: 19/09/2016

Ukraine

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+97%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.7% #30

0.9% #22

1.1% #19

Per-Capita Emissions (tCO₂eq/cap)

7.3t #57

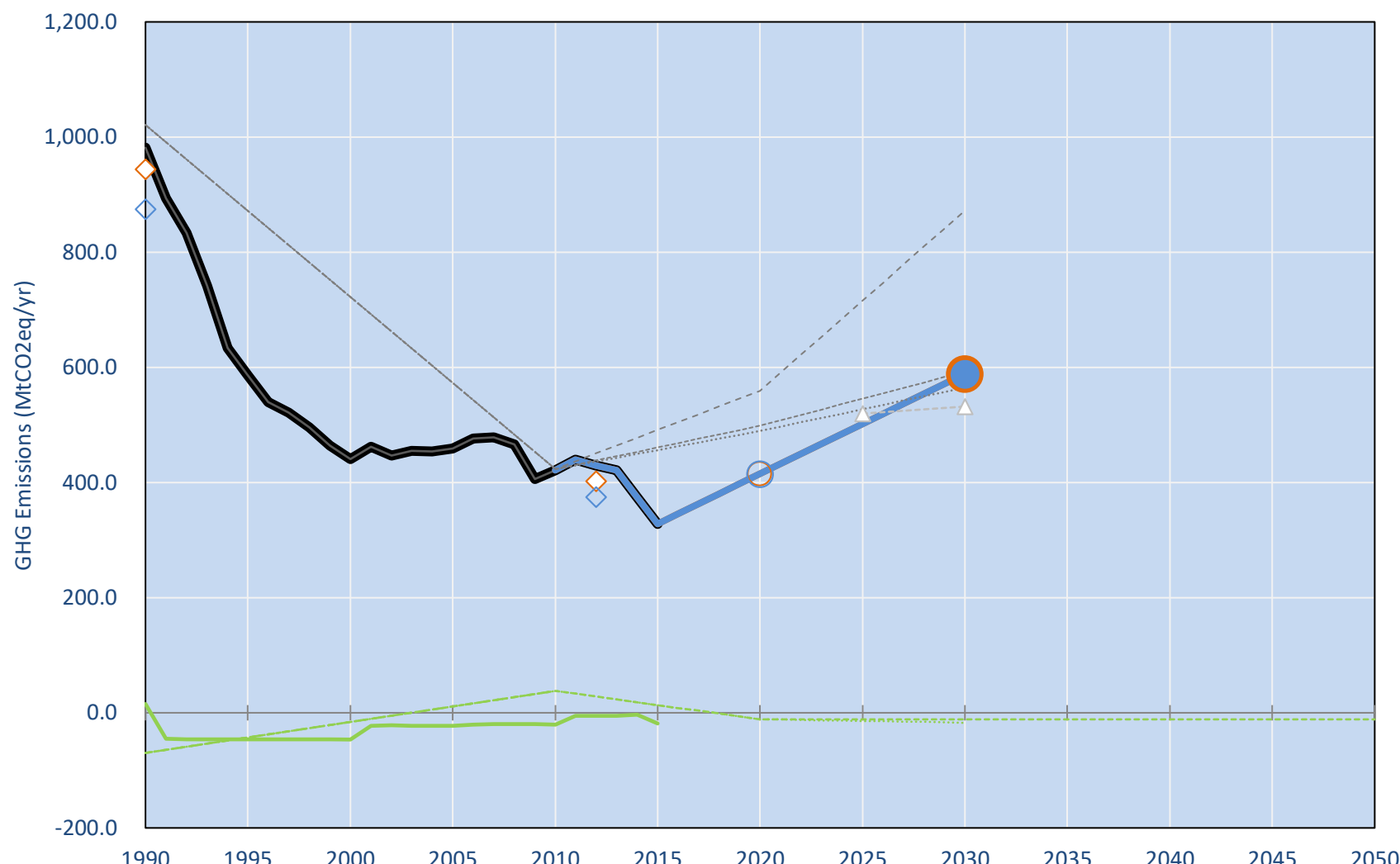
11.8t #23

14.4t #19

NDC: Will not exceed 60% of 1990 GHG emissions levels by 2030. (GWP AR4)

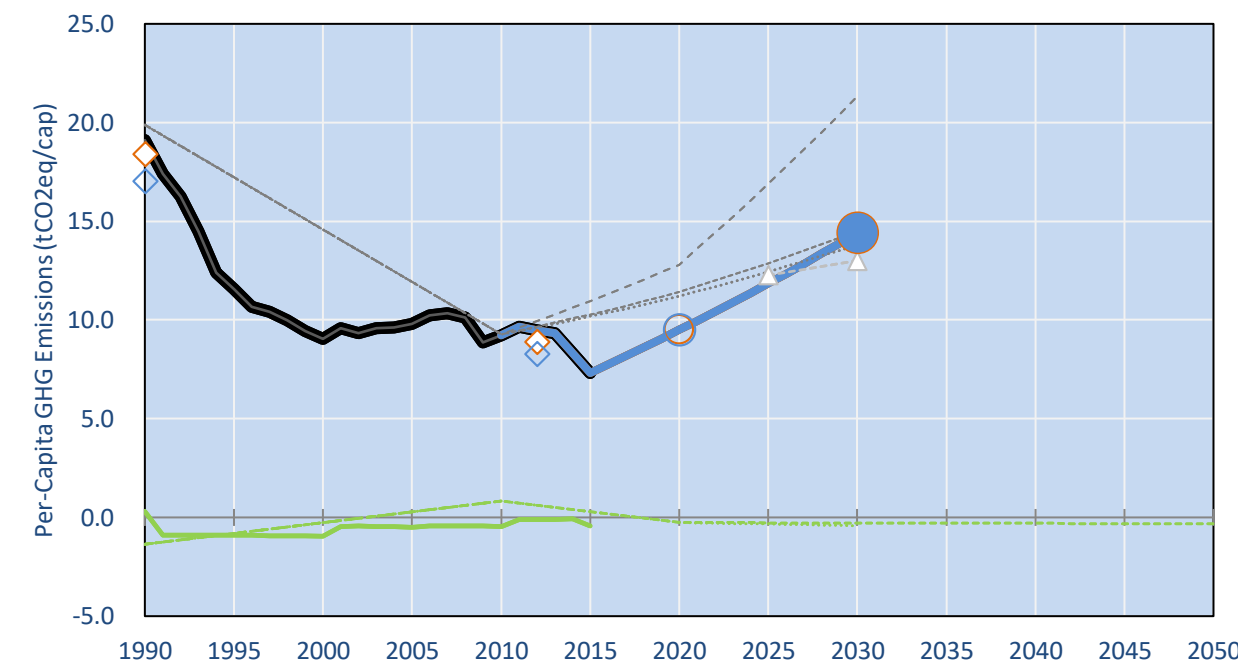
INDC Submitted: 30/09/2015

GHG Emissions

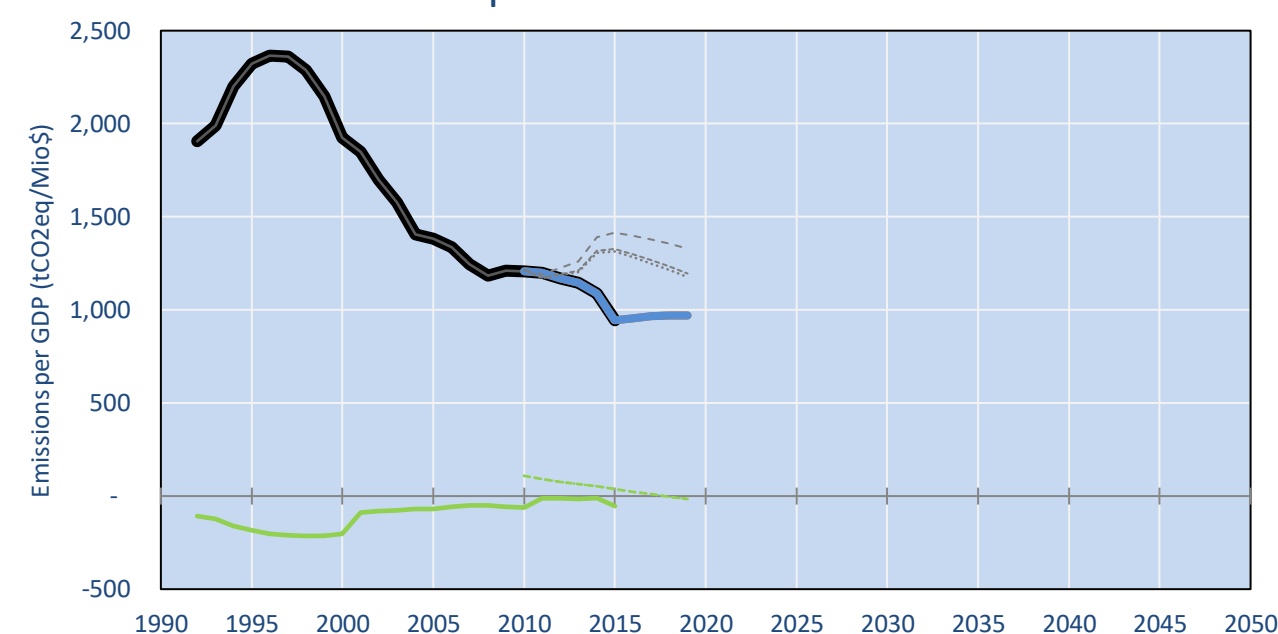


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH Cancun Pledges
- LOW Cancun Pledges
- NM Total excl. LULUCF Projections
- WAM Total excl. LULUCF Projections
- NM LULUCF Projections
- WAM LULUCF Projections
- Ukraine INDC incl. LULUCF
- Ukraine INDC excl. LULUCF (GWP AR4)
- Regional/Gas-specific BAU
- Not-covered GHG excl. LULUCF (Region Projection)

Per-Capita Emissions

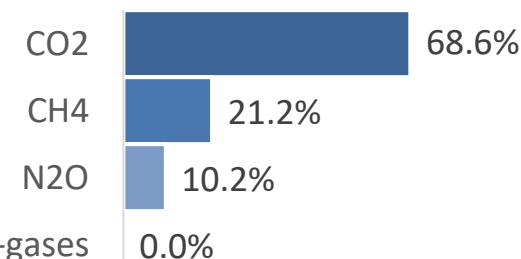


GHG Emissions per GDP

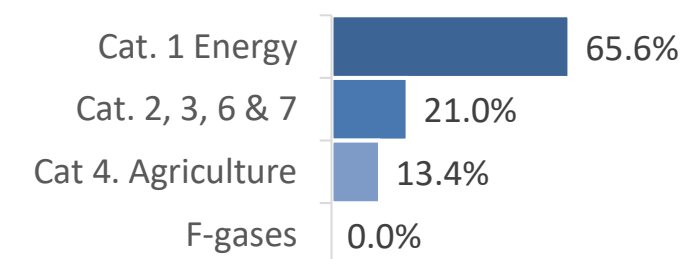


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
(MtCO ₂ eq/yr in GWP AR5)						low	high	low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)						33	33				
NDC covered LULUCF Emissions											
NDC covered Emissions excl. LULUCF	982	441	459	421	328	415	415	502	502	589	589
Total GHG excl. LULUCF	982	441	459	421	328	415	415	502	502	589	589
Total GHG incl. LULUCF	997	394	436	400	309	404	404	491	491	578	578

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	45%	47%	43%	33%	42%	42%	51%	51%	60%	60%
Relative 2000	223%	100%	104%	96%	74%	94%	94%	114%	114%	134%	134%
Relative 2005	214%	96%	100%	92%	72%	90%	90%	109%	109%	128%	128%
Relative 2010	233%	105%	109%	100%	78%	98%	98%	119%	119%	140%	140%
Relative 2015	299%	134%	140%	128%	100%	127%	127%	153%	153%	180%	180%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	51	49	47	46	45	44	44	42	42	41	41
Per-Capita Emissions (tCO ₂ eq/cap)	19.1	9.0	9.8	9.2	7.3	9.5	9.5	11.8	11.8	14.4	14.4
Relative 1990	100%	47%	51%	48%	38%	50%	50%	62%	62%	75%	75%
Relative 2000	211%	100%	108%	102%	81%	105%	105%	131%	131%	159%	159%
Relative 2005	195%	92%	100%	94%	75%	97%	97%	121%	121%	147%	147%
Relative 2010	207%	98%	106%	100%	79%	103%	103%	128%	128%	156%	156%
Relative 2015	261%	124%	134%	126%	100%	130%	130%	162%	162%	197%	197%

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	Cat5GCMCWMW_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		

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	LEADER		#N/A
CDC	-30%		CDC	-42%	
ECPC50	-35%		ECPC50	-48%	
ECPC90	-29%		ECPC90	-41%	
GDR	2%		GDR	-2%	
INDC HIGH	23%		INDC HIGH	44%	
INDC LOW	23%		INDC LOW	44%	

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