

United Kingdom of Great Britain and Northern Ireland

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

-22%

INDC 2025

INDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

1.1% #18

0.9% #25

0.8% #26

Per-Capita Emissions (tCO₂eq/cap)

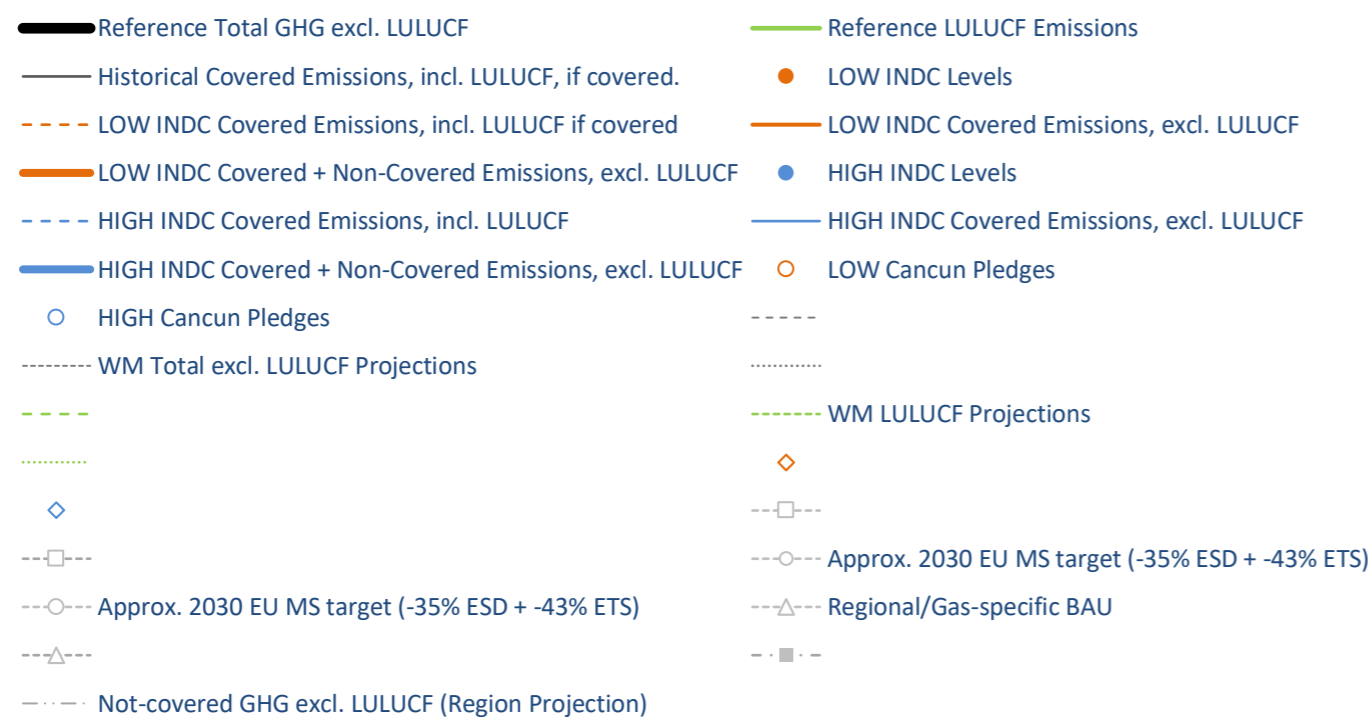
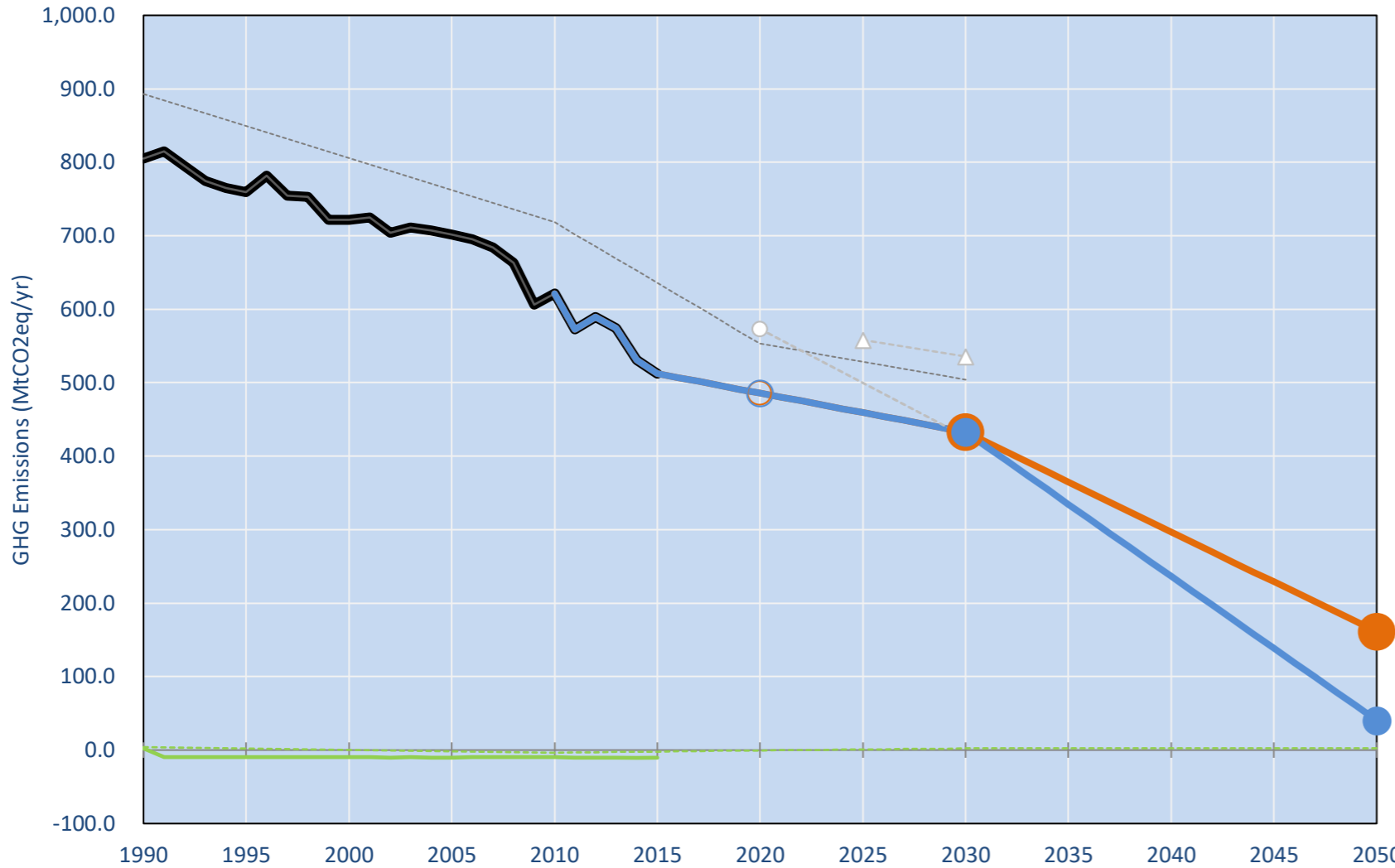
7.9t #55

6.7t #68

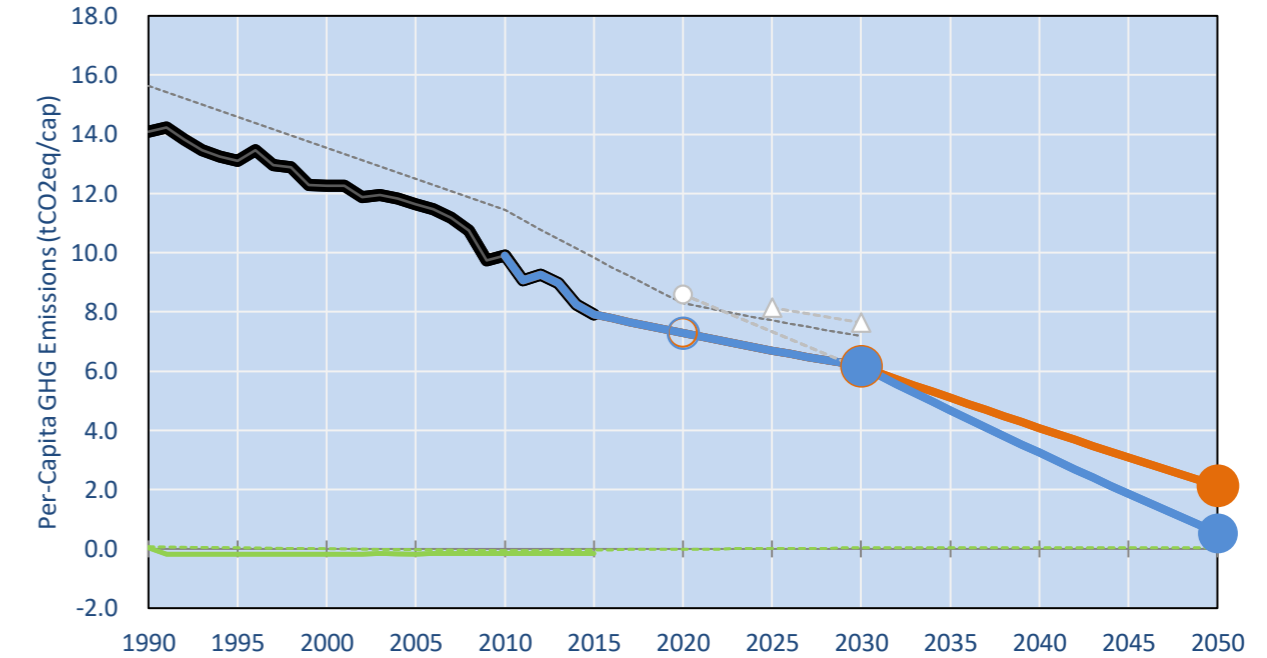
6.2t #79

INDC Submitted: 6/03/2015

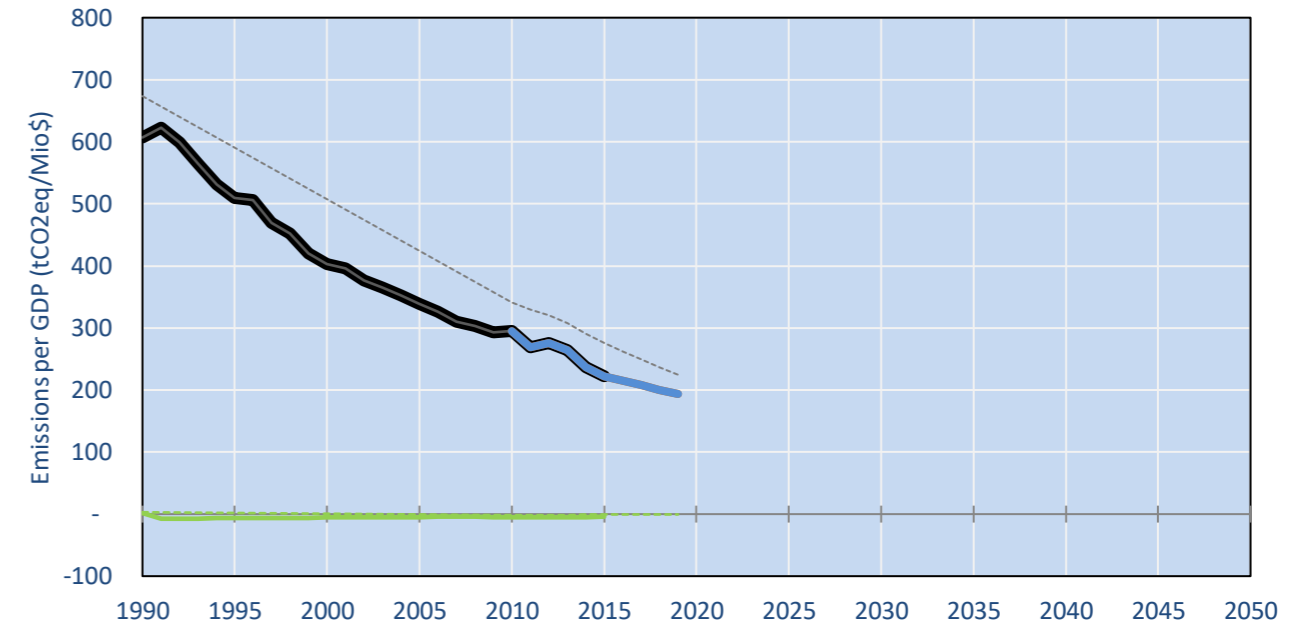
GHG Emissions



Per-Capita Emissions

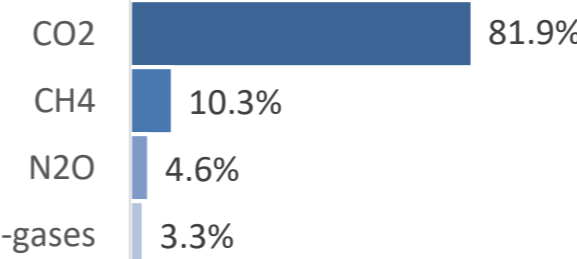


GHG Emissions per GDP

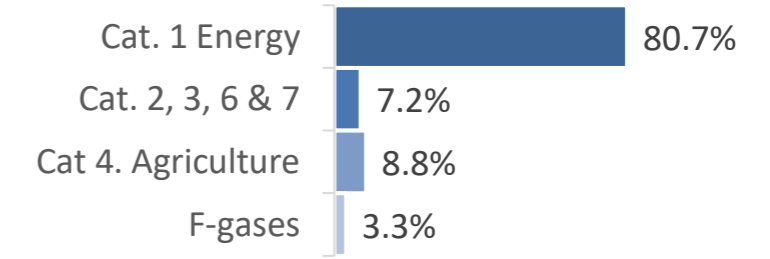


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
(MtCO ₂ eq/yr in GWP AR4)						low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)						1	1	7	7
INDC covered LULUCF Emissions									
INDC covered Emissions excl. LULUCF	805	721	701	621	512	486	459	433	433
Total GHG excl. LULUCF	805	721	701	621	512	486	459	433	433
Total GHG incl. LULUCF	807	712	691	612	502	485	460	435	435

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Relative 1990	100%	90%	87%	77%	64%	60%	60%	54%	54%
Relative 2000	112%	100%	97%	86%	71%	67%	64%	60%	60%
Relative 2005	115%	103%	100%	89%	73%	69%	65%	62%	62%
Relative 2010	130%	116%	113%	100%	82%	78%	74%	70%	70%
Relative 2015	157%	141%	137%	121%	100%	95%	90%	85%	85%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Population (Mio)	57	59	60	63	65	67	69	70	
Per-Capita Emissions (tCO ₂ eq/cap)	14.1	12.3	11.6	9.9	7.9	7.3	6.7	6.2	
Relative 1990	100%	87%	83%	70%	56%	52%	48%	44%	
Relative 2000	115%	100%	95%	81%	65%	59%	55%	50%	
Relative 2005	121%	105%	100%	85%	68%	63%	58%	53%	
Relative 2010	142%	124%	118%	100%	80%	74%	68%	62%	
Relative 2015	178%	155%	147%	125%	100%	92%	85%	78%	

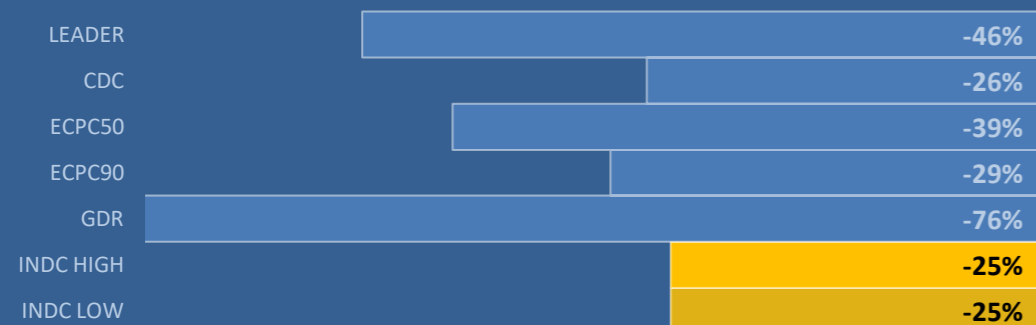
Data Sources:

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
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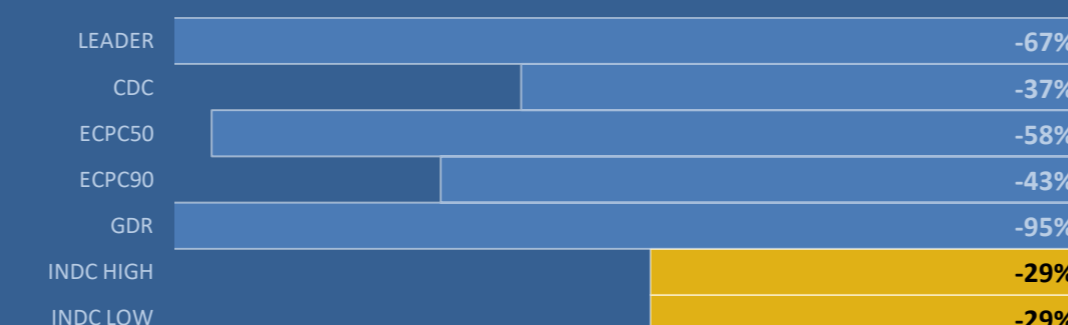
Meinshausen, Alexander et al., www.climatecollege.unimelb.edu.au/indc-factsheets, The University of Melbourne

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

2025 rel. 2010:



2030 rel. 2010:



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