

# 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% #19

0.9% #25

0.8% #26

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

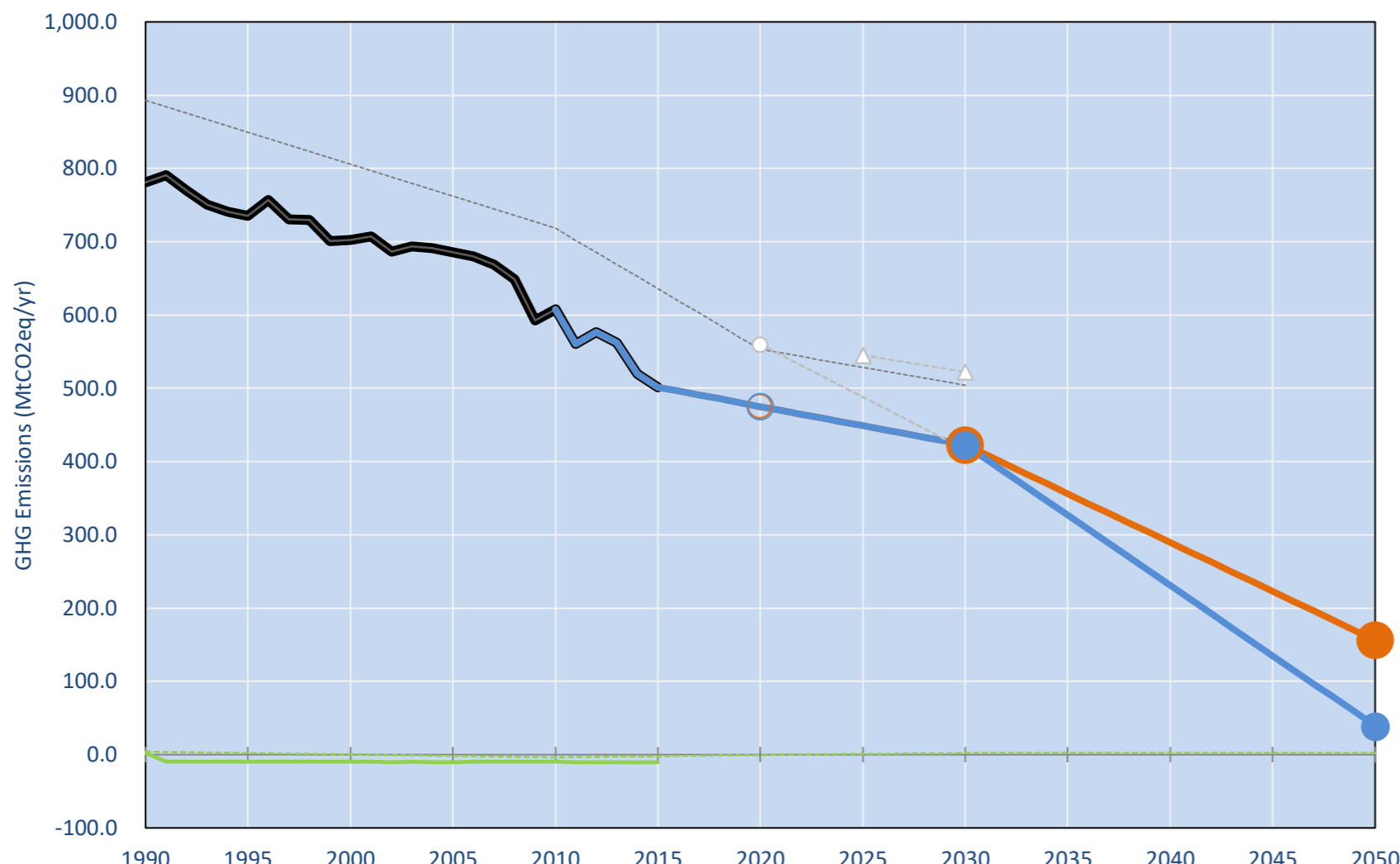
7.7t #53

6.6t #67

6t #78

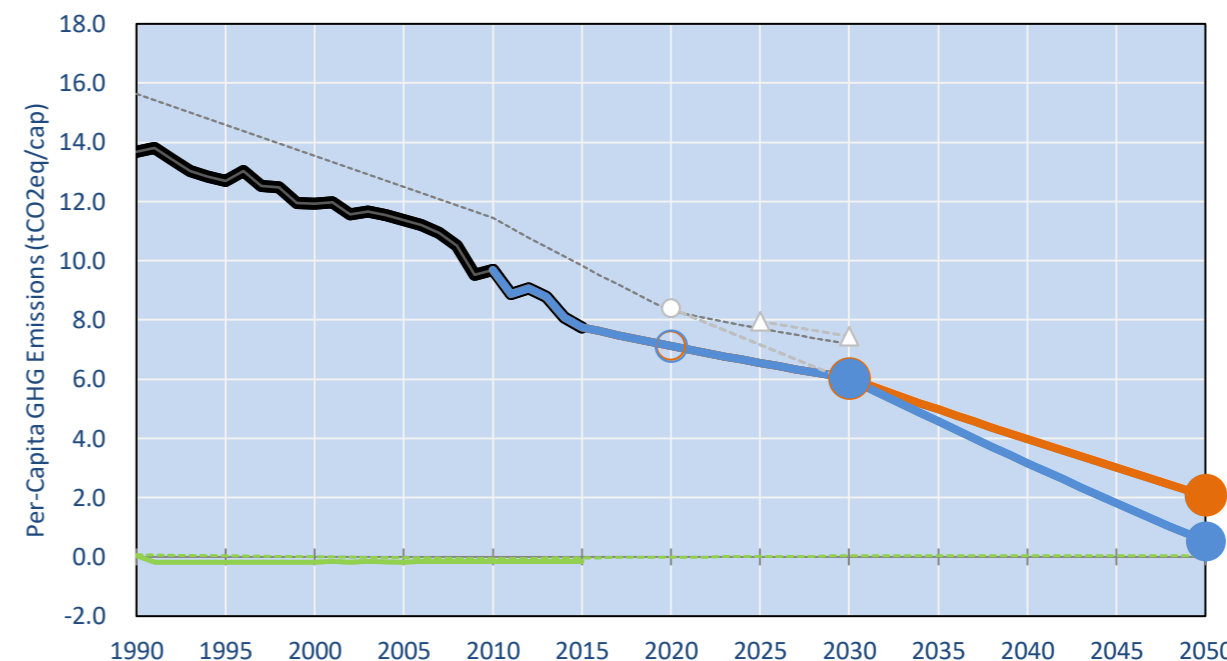
INDC Submitted: 6/03/2015

## GHG Emissions

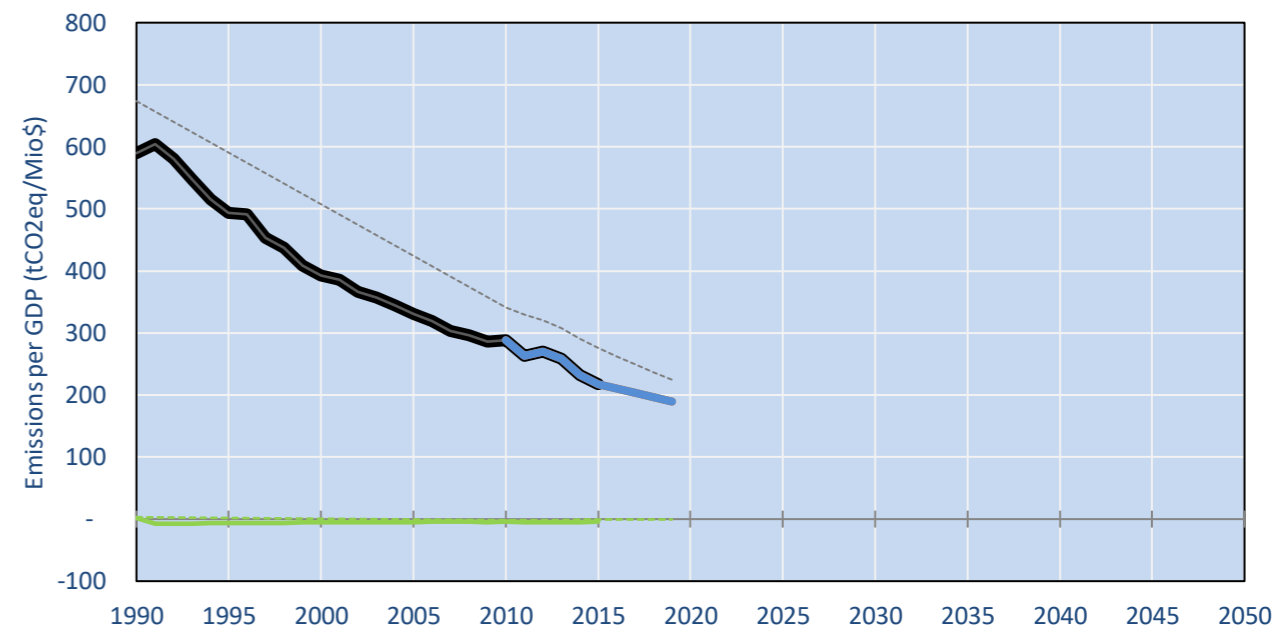


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH Cancun Pledges
- WM Total excl. LULUCF Projections
- Reference LULUCF Emissions
- LOW INDC Levels
- LOW INDC Covered Emissions, excl. LULUCF
- HIGH INDC Levels
- HIGH INDC Covered Emissions, excl. LULUCF
- LOW Cancun Pledges
- WM LULUCF Projections
- Approx. 2030 EU MS target (-35% ESD + -43% ETS)
- Regional/Gas-specific BAU
- Not-covered GHG excl. LULUCF (Region Projection)

## Per-Capita Emissions

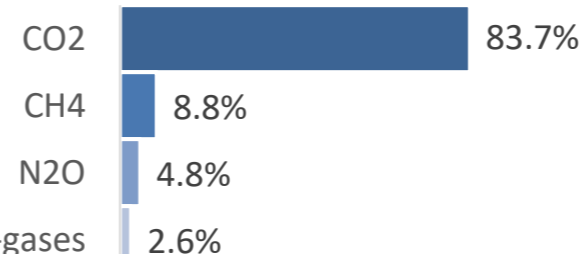


## GHG Emissions per GDP

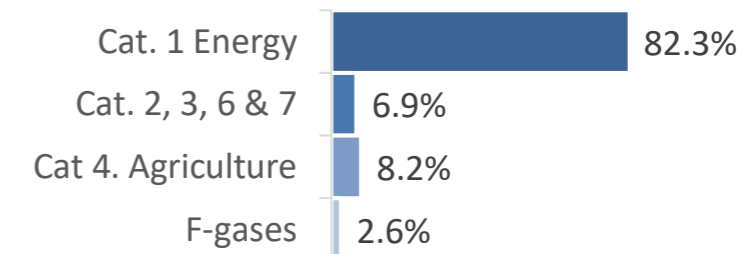


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
(MtCO <sub>2</sub> eq/yr in GWP SAR)						low	high	low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)	-	-	-	-	-	1	1	-	-	7	7
INDC covered LULUCF Emissions	-	-	-	-	-	-	-	-	-	-	-
INDC covered Emissions excl. LULUCF	781	703	685	608	501	475	475	449	449	423	423
Total GHG excl. LULUCF	781	703	685	608	501	475	475	449	449	423	423
Total GHG incl. LULUCF	784	693	675	598	491	475	475	450	450	425	425

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	90%	88%	78%	64%	61%	61%	57%	57%	54%	54%
Relative 2000	111%	100%	98%	86%	71%	68%	68%	64%	64%	60%	60%
Relative 2005	114%	103%	100%	89%	73%	69%	69%	65%	65%	62%	62%
Relative 2010	129%	116%	113%	100%	82%	78%	78%	74%	74%	70%	70%
Relative 2015	156%	140%	137%	121%	100%	95%	95%	90%	90%	84%	84%

## Per-Capita Emissions

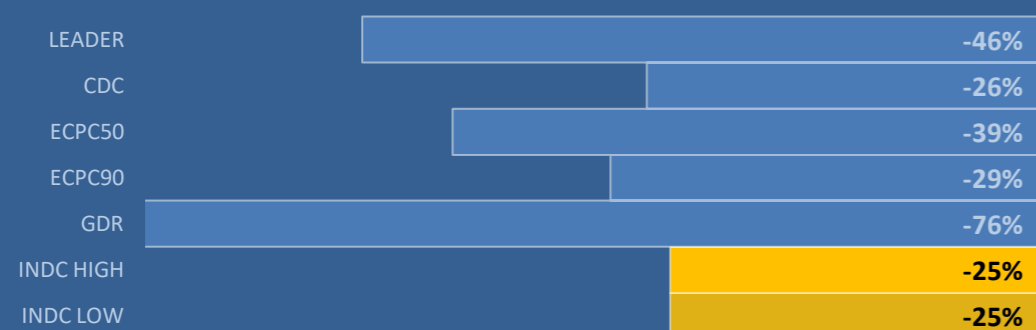
	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	57	59	60	63	65	67	67	69	69	70	70
Per-Capita Emissions (tCO <sub>2</sub> eq/cap)	13.7	11.9	11.4	9.7	7.7	7.1	7.1	6.6	6.6	6.0	6.0
Relative 1990	100%	87%	83%	71%	57%	52%	52%	48%	48%	44%	44%
Relative 2000	115%	100%	95%	81%	65%	60%	60%	55%	55%	51%	51%
Relative 2005	120%	105%	100%	85%	68%	63%	63%	58%	58%	53%	53%
Relative 2010	141%	123%	117%	100%	80%	74%	74%	68%	68%	62%	62%
Relative 2015	177%	154%	147%	125%	100%	92%	92%	85%	85%	78%	78%

## Data Sources:

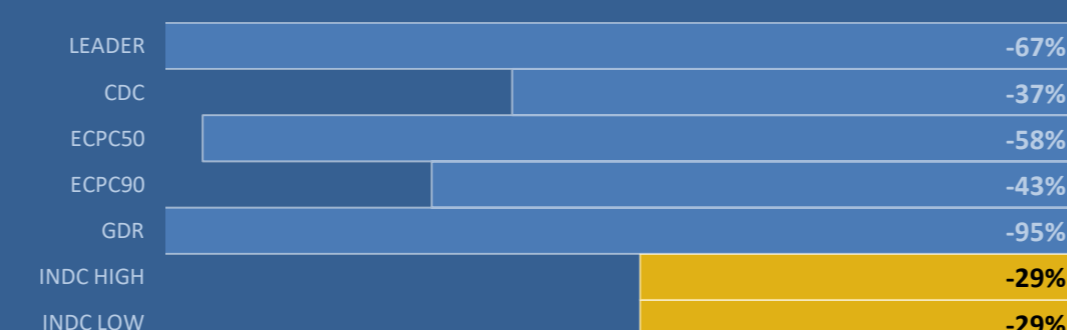
Cat1\_CO2 PRIMAPHIST17  
 Cat2367\_CO2 PRIMAPHIST17  
 Cat4\_CO2 PRIMAPHIST17  
 Cat5\_CO2 PRIMAPHIST17  
 Cat1\_CH4 PRIMAPHIST17  
 Cat2367\_CH4 PRIMAPHIST17  
 Cat4\_CH4 PRIMAPHIST17  
 Cat5\_CH4 PRIMAPHIST17  
 Cat1\_N2O PRIMAPHIST17  
 Cat2367\_N2O PRIMAPHIST17  
 Cat4\_N2O PRIMAPHIST17  
 Cat5\_N2O 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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## 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