

# Democratic People's Republic of Korea

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+142%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

-8% rel. BAU of 187.7 Mt

Share of World Emissions excl. LULUCF (Rank):

0.1% #81

0.2% #57

0.2% #52

-40% rel. BAU of 187.7 Mt

Per-Capita Emissions (tCO2eq/cap)

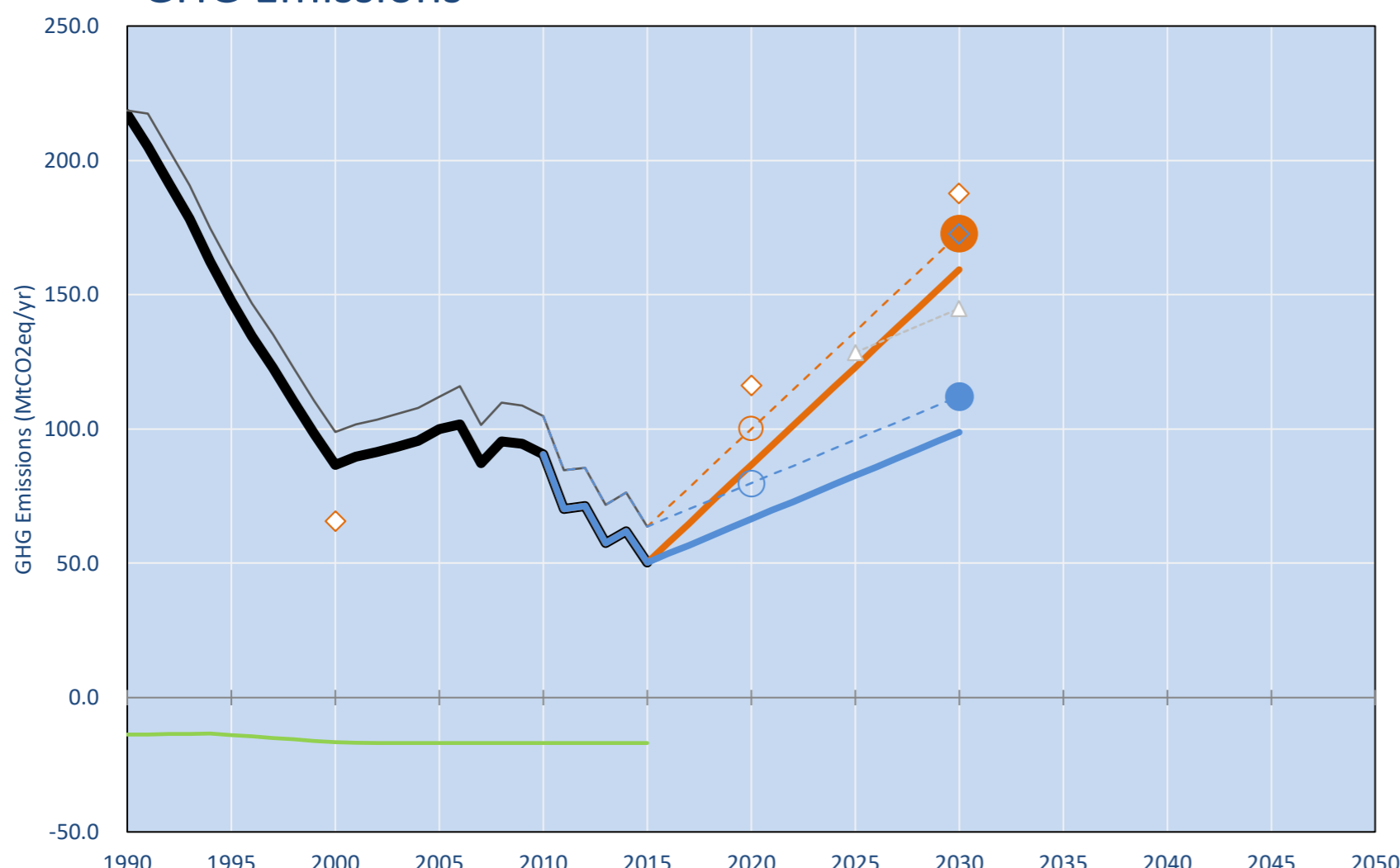
2t #149

3.9t #107

4.8t #96

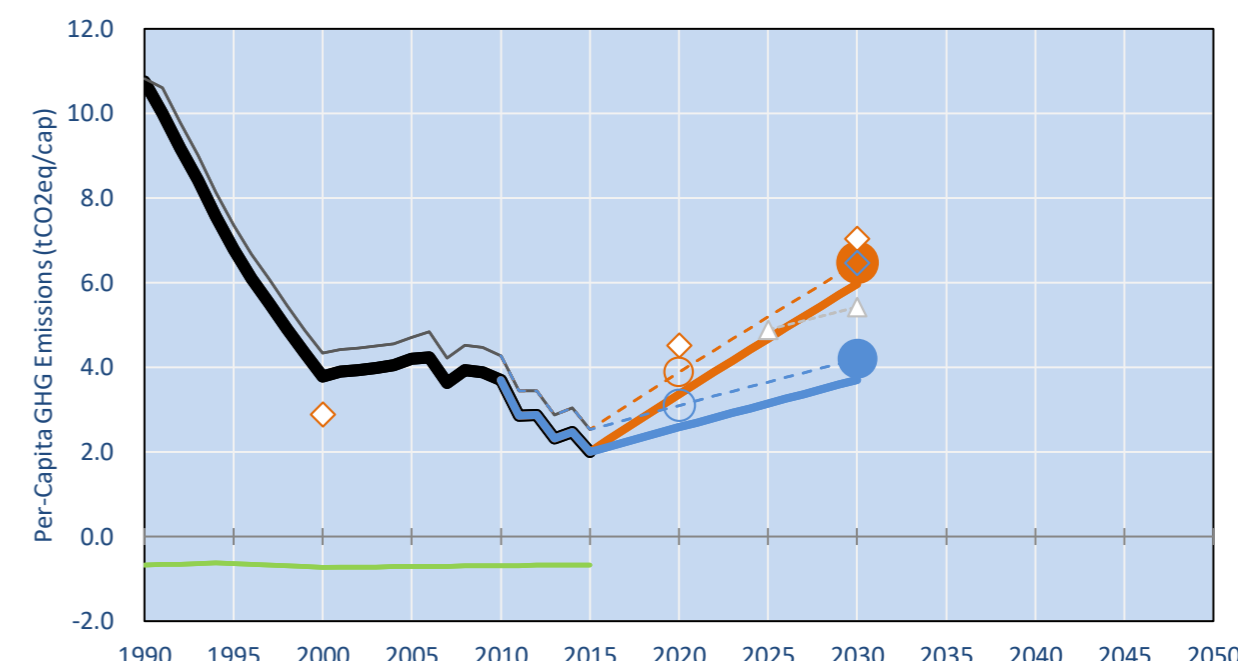
INDC Submitted: 7/10/2016

## GHG Emissions

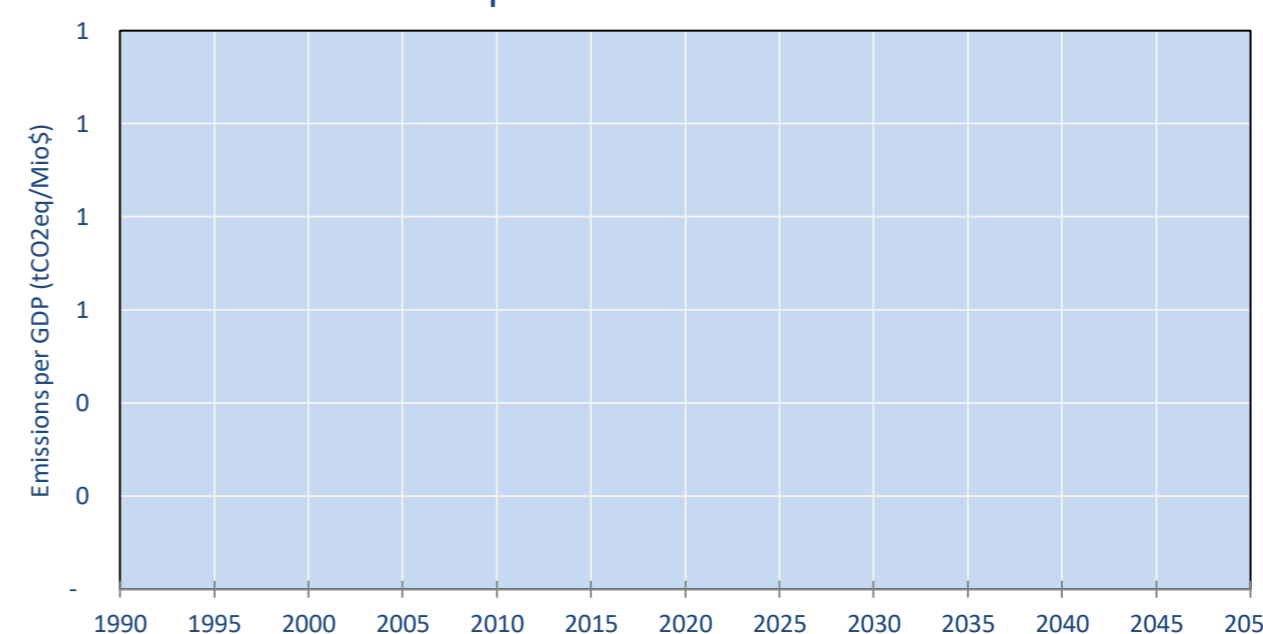


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- 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
- PKR NDC unconditional (GWP SAR)
- PKR NDC conditional (GWP SAR)
- Not-covered GHG excl. LULUCF (Region Projection)
- Regional/Gas-specific BAU

## Per-Capita Emissions

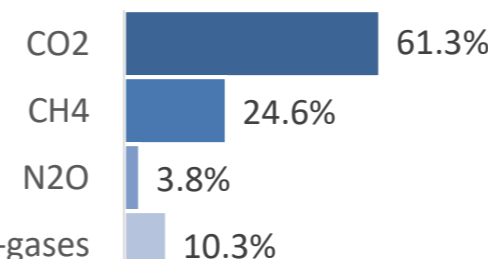


## GHG Emissions per GDP

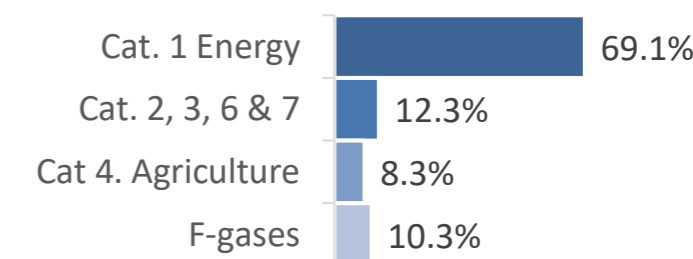


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
(MtCO2eq/yr in GWP SAR)						low	high	low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)											
NDC covered LULUCF Emissions					13	13	13	13	13	13	13
NDC covered Emissions excl. LULUCF	217	87	100	91	50	87	66	123	83	159	99
Total GHG excl. LULUCF	217	87	100	91	50	87	66	123	83	159	99
Total GHG incl. LULUCF	203	70	83	74	33	70	50	106	66	142	82

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	40%	46%	42%	23%	40%	31%	57%	38%	73%	45%
Relative 2000	251%	100%	116%	105%	58%	100%	77%	142%	95%	184%	114%
Relative 2005	217%	87%	100%	91%	50%	87%	66%	123%	83%	159%	99%
Relative 2010	240%	96%	110%	100%	56%	96%	73%	136%	91%	176%	109%
Relative 2015	432%	172%	199%	180%	100%	172%	132%	245%	164%	317%	196%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	20	23	24	25	25	26	26	26	26	27	27
Per-Capita Emissions (tCO2eq/cap)	10.8	3.8	4.2	3.7	2.0	3.4	2.6	4.7	3.1	6.0	3.7
Relative 1990	100%	35%	39%	34%	19%	31%	24%	43%	29%	55%	34%
Relative 2000	284%	100%	111%	98%	53%	89%	68%	123%	83%	157%	98%
Relative 2005	256%	90%	100%	88%	48%	80%	61%	111%	75%	142%	88%
Relative 2010	291%	102%	114%	100%	54%	91%	70%	127%	85%	161%	100%
Relative 2015	538%	190%	210%	185%	100%	168%	129%	234%	157%	299%	185%

## 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
- Cat5A1\_CO2 UNFCCC CRF + Nat. Comms.
- Cat5A2\_CO2 UNFCCC CRF + Nat. Comms.
- Cat5LtoNonFL\_CO2 UNFCCC CRF + Nat. Comms.
- Cat5GCMCMWM\_C UNFCCC CRF
- Cat5A1ForestFires UNFCCC Cat5 + EDGAR(IPCC Database)
- Cat5A1HWP\_CO2 UNFCCC CRF + Nat. Comms.
- Cat5bisA\_CO2 UNFCCC CRF + NATCOMM.
- Cat5bisB\_CO2 UNFCCC CRF + NATCOMM.
- Cat5bisC\_CO2 UNFCCC CRF + NATCOMM.
- Cat5bisD\_CO2 UNFCCC CRF + NATCOMM.
- Cat5bisE\_CO2 UNFCCC CRF + NATCOMM.
- PRO\_WM\_Cat5\_G UNFCCC Annex I Reports
- Metric GWP SAR



## 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	#N/A	CDC	#N/A
ECPC50	#N/A	ECPC50	#N/A
ECPC90	#N/A	ECPC90	#N/A
GDR	#N/A	GDR	#N/A
INDC HIGH	-11%	INDC HIGH	11%
INDC LOW	44%	INDC LOW	93%

## 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