

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

Shown are averages for low and high or conditional and unconditional INDCs and their inter-extrapolations

Paris Agreement ratified on: 06/11/2016

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

**-11%**

# Indonesia

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

-29% rel. BAU of 2881 Mt

Share of World Emissions excl. LULUCF (Rank):

2.2% #8

2.0% #8

1.9% #8

-41% rel. BAU of 2881 Mt

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

4.1t #105

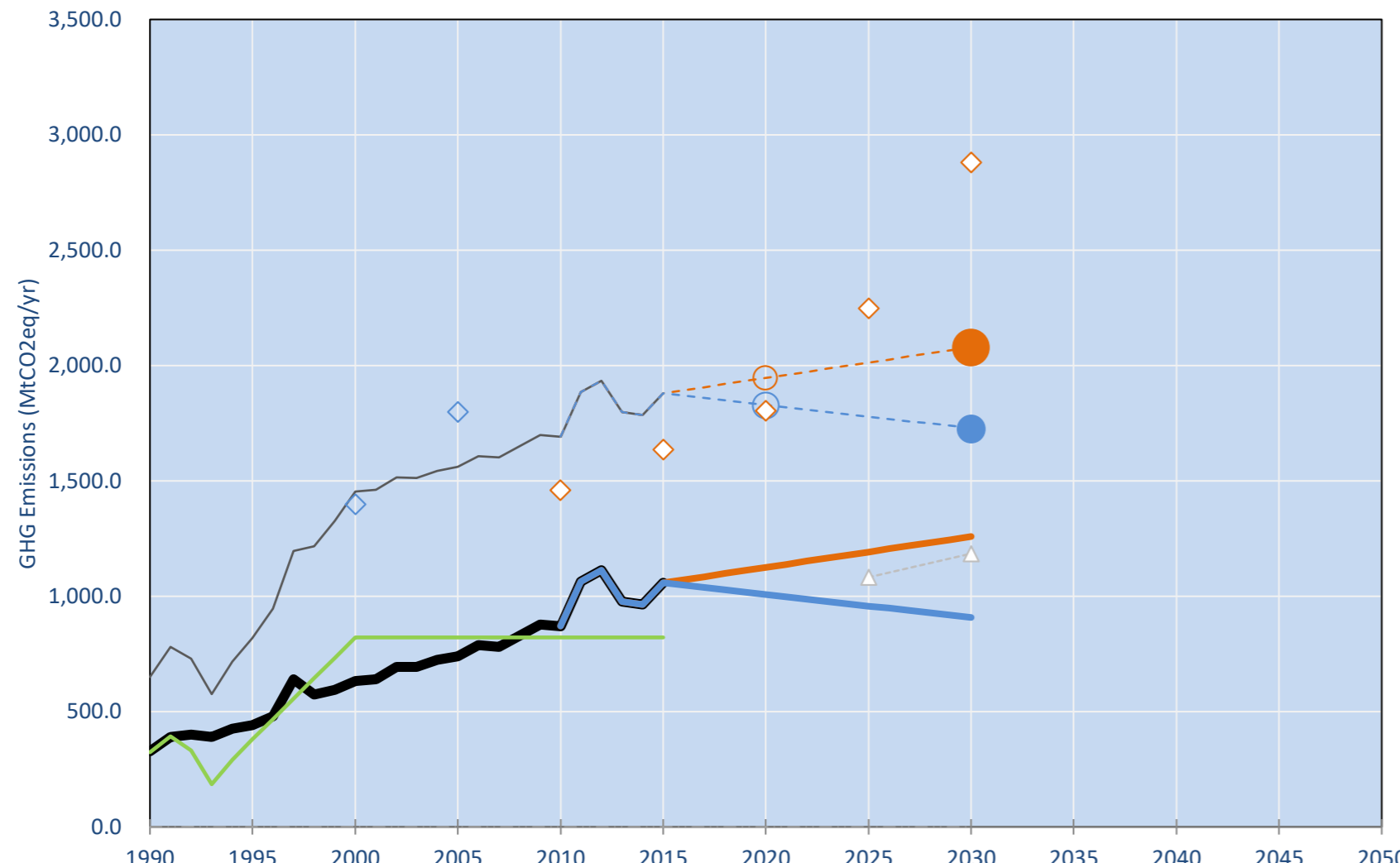
3.8t #114

3.7t #113

NDC: Reduce emissions by 29% by 2030 relative to BAU Conditional target: additional 12% emission reduction. (GWP AR4)

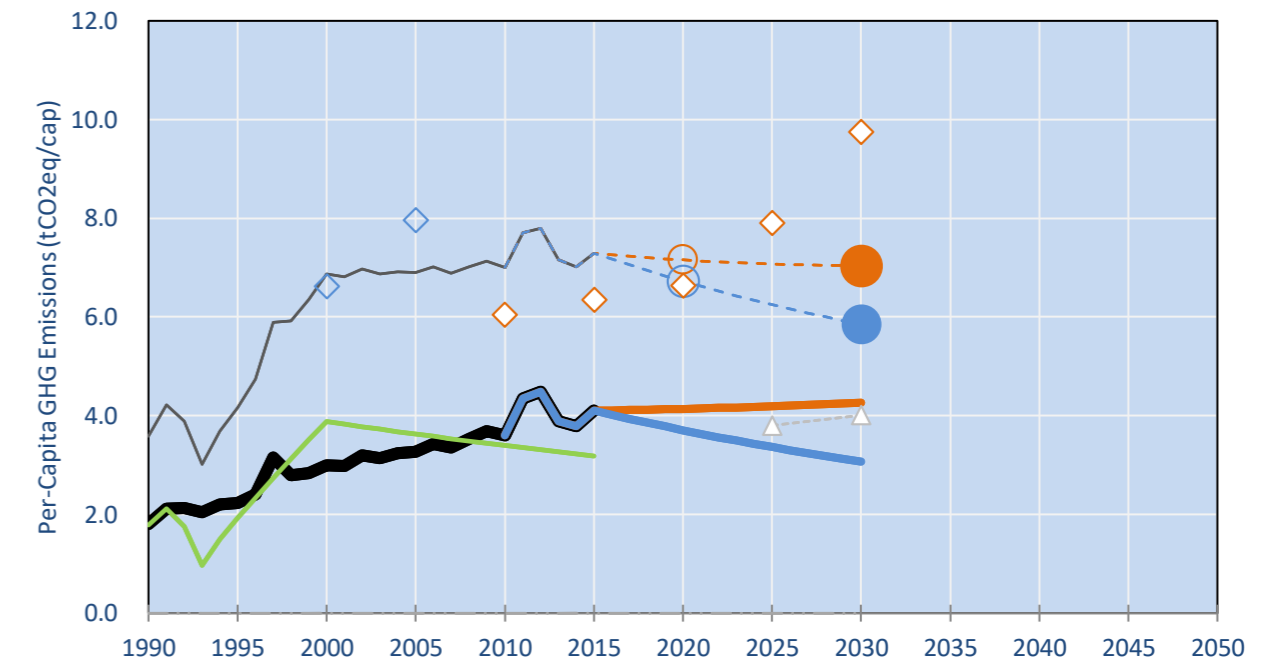
INDC Submitted: 24/09/2015

## GHG Emissions

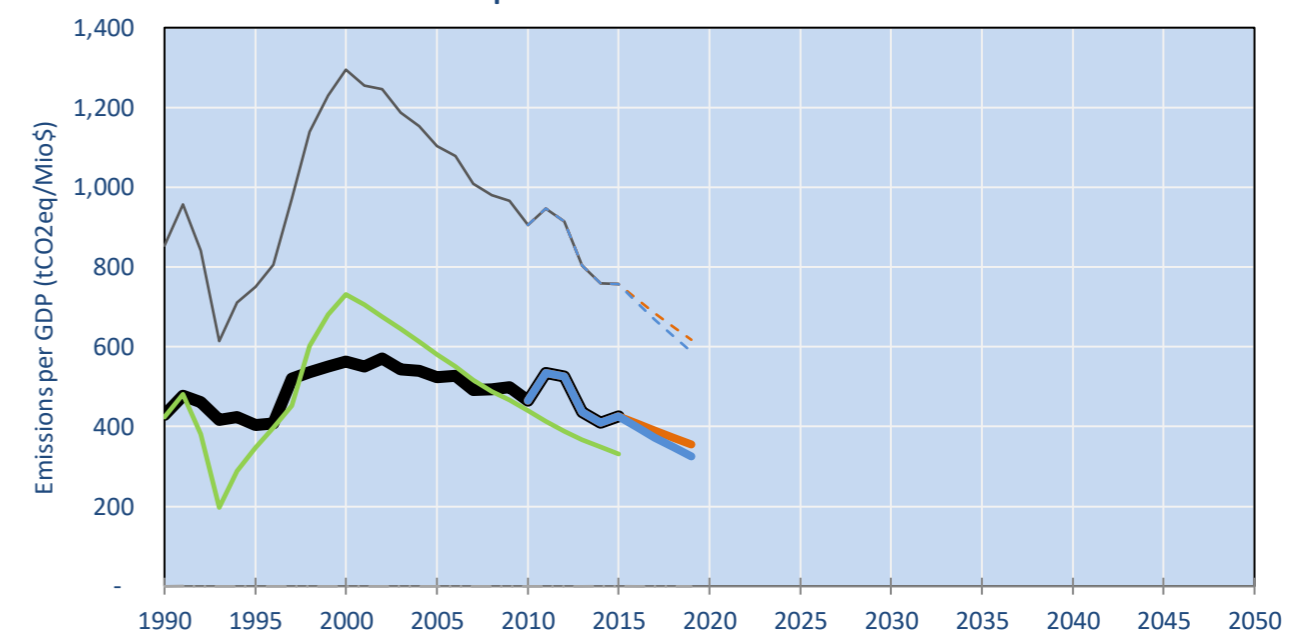


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH Cancun Pledges
- Reference LULUCF Emissions
- LOW INDC Levels
- LOW INDC Covered Emissions, excl. LULUCF
- HIGH INDC Levels
- HIGH INDC Covered Emissions, excl. LULUCF
- LOW Cancun Pledges
- Indonesia INDC
- Indonesia RAN-GRK Secr.. Total Emissions incl. LULUCF
- Regional/Gas-specific BAU
- Not-covered GHG excl. LULUCF (Region Projection)

## Per-Capita Emissions

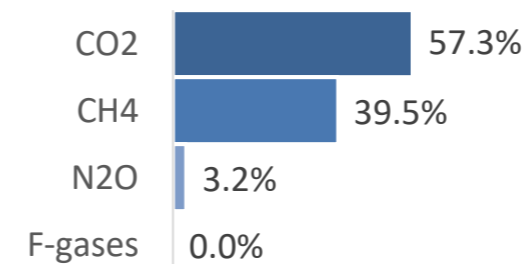


## GHG Emissions per GDP

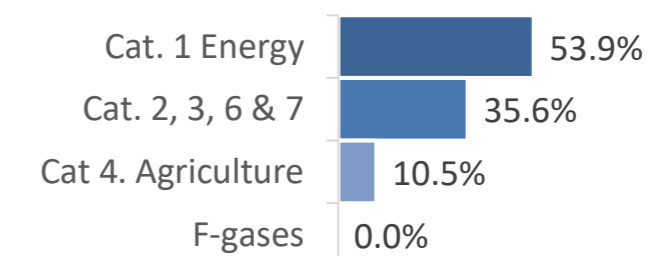


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
(MtCO <sub>2</sub> eq/yr in GWP AR5)											
Assumed LULUCF Accounting Credits (-)/Debits (+)											
NDC covered LULUCF Emissions	323	821	821	821	821	821	821	821	821	821	821
NDC covered Emissions excl. LULUCF	327	633	740	871	1,058	1,125	1,008	1,192	957	1,259	907
Total GHG excl. LULUCF	328	633	740	871	1,058	1,125	1,008	1,192	957	1,259	907
Total GHG incl. LULUCF	650	1,454	1,562	1,692	1,879	1,946	1,829	2,013	1,779	2,080	1,728

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
Total excl. LULUCF											
Relative 1990	100%	193%	226%	266%	323%	343%	308%	364%	292%	384%	277%
Relative 2000	52%	100%	117%	138%	167%	178%	159%	188%	151%	199%	143%
Relative 2005	44%	85%	100%	118%	143%	152%	136%	161%	129%	170%	123%
Relative 2010	38%	73%	85%	100%	122%	129%	116%	137%	110%	145%	104%
Relative 2015	31%	60%	70%	82%	100%	106%	95%	113%	90%	119%	86%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
Total excl. LULUCF											
Population (Mio)	181	212	226	242	258	272	272	285	285	295	295
Per-Capita Emissions (tCO <sub>2</sub> eq/cap)	1.8	3.0	3.3	3.6	4.1	4.1	3.7	4.2	3.4	4.3	3.1
Relative 1990	100%	166%	181%	200%	227%	229%	205%	232%	186%	236%	170%
Relative 2000	60%	100%	109%	120%	137%	138%	124%	140%	113%	142%	103%
Relative 2005	55%	91%	100%	110%	126%	126%	113%	128%	103%	130%	94%
Relative 2010	50%	83%	91%	100%	114%	115%	103%	116%	93%	118%	85%
Relative 2015	44%	73%	80%	88%	100%	101%	90%	102%	82%	104%	75%

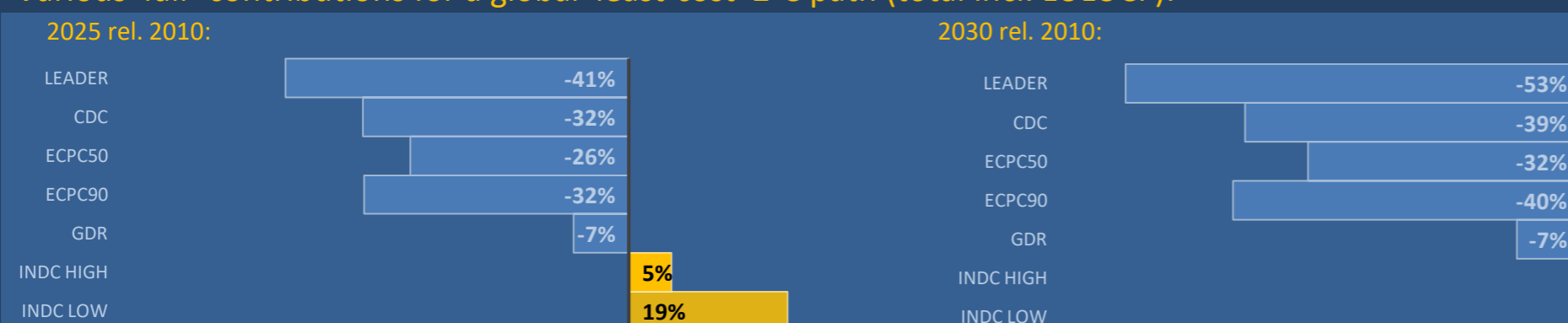
## Data Sources:

Cat1_CO2	PRIMAPHIST17	Cat5A1_CO2	UNFCCC CRF + Nat. Comms.
Cat2367_CO2	PRIMAPHIST17	Cat5A2_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CO2	PRIMAPHIST17	Cat5LtoNonFL_CO	UNFCCC CRF + Nat. Comms.
Cat5_CO2	PRIMAPHIST17	Cat5GCMCMWM_C	UNFCCC CRF
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		

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



## 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