

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):



-9%

Indonesia

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

2.0% #8

1.9% #9

1.8% #10

Per-Capita Emissions (tCO₂eq/cap)

3.7t #107

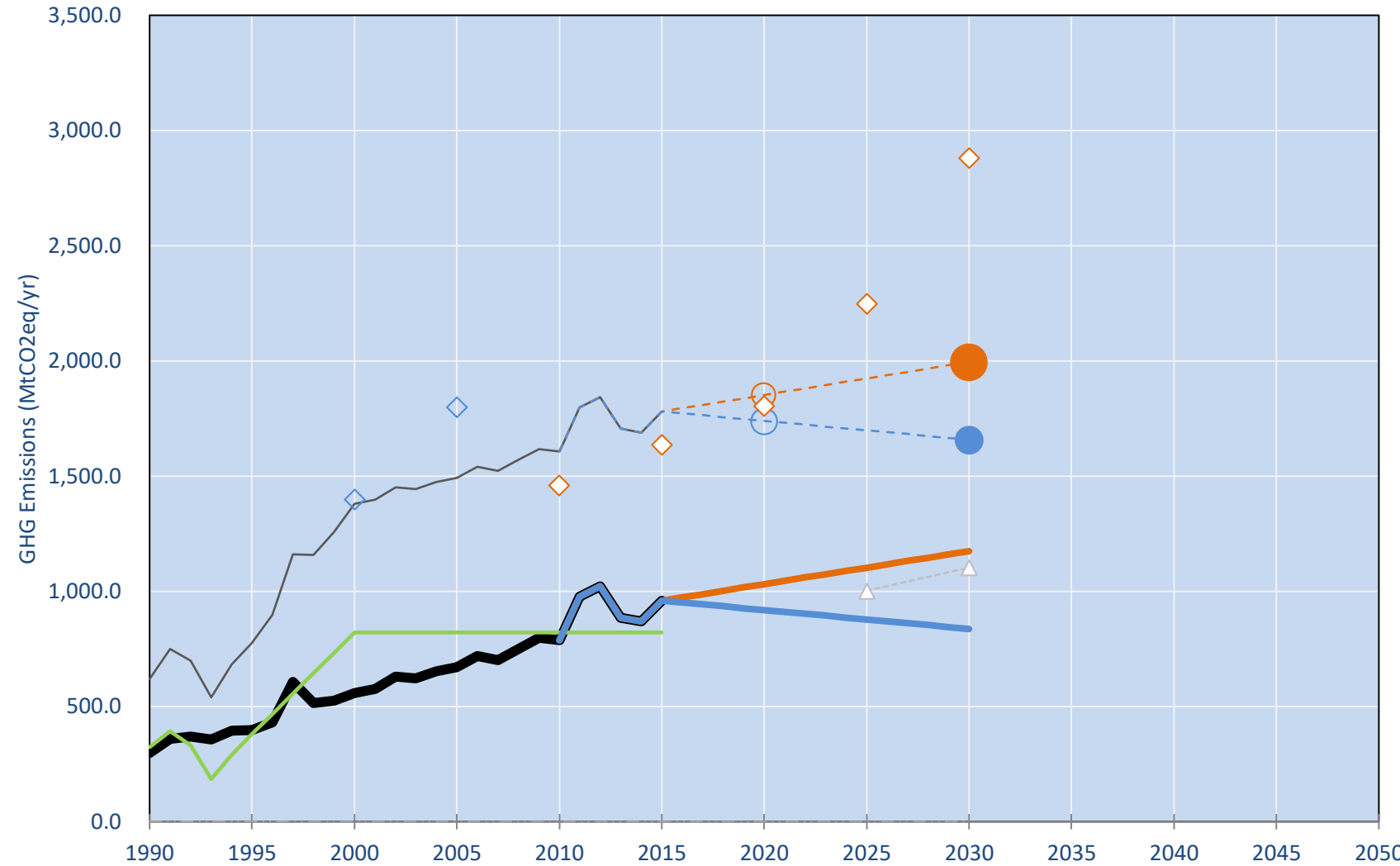
3.5t #115

3.4t #116

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

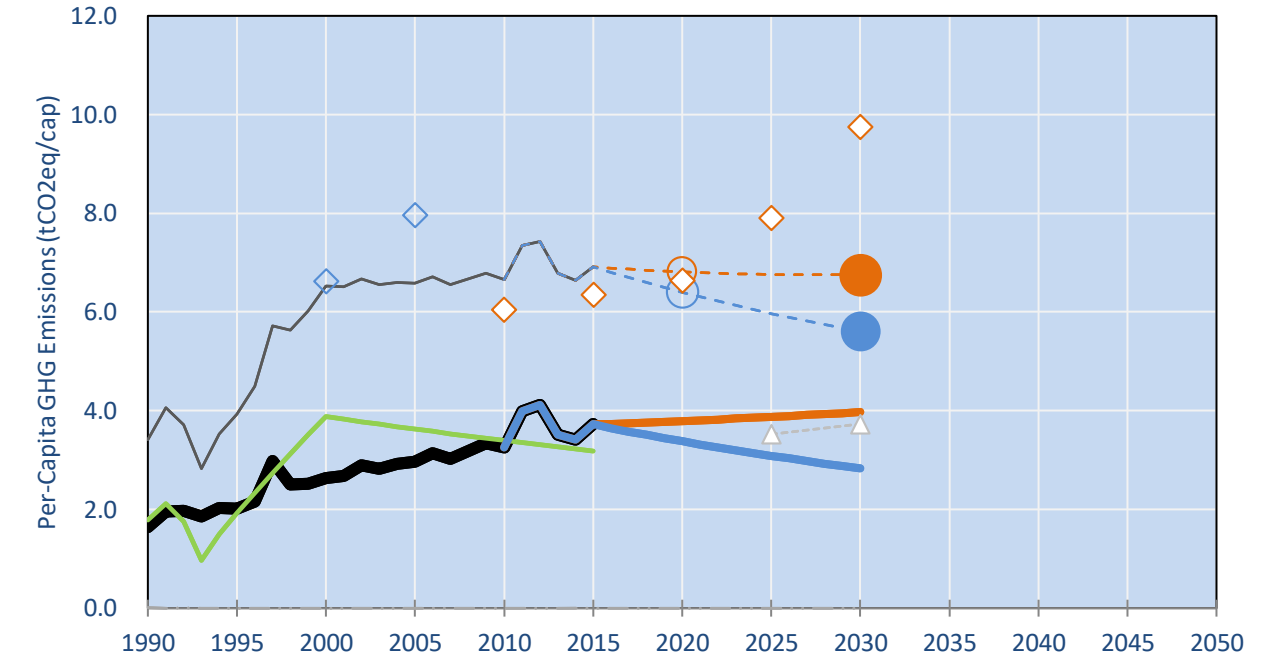
INDC Submitted: 24/09/2015

GHG Emissions

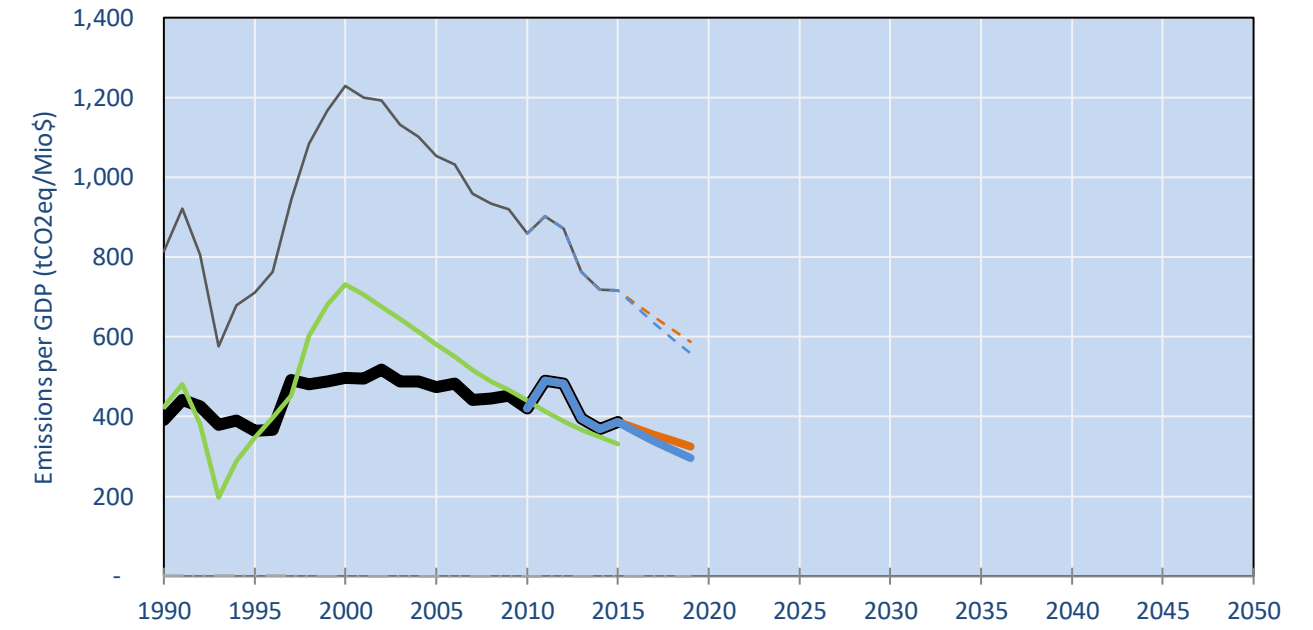


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF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

Per-Capita Emissions

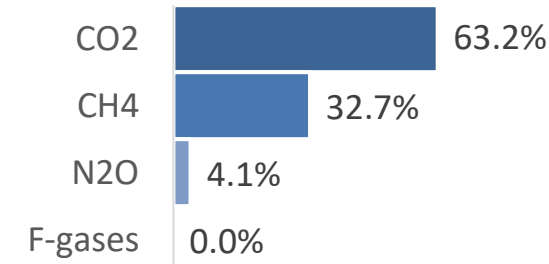


GHG Emissions per GDP

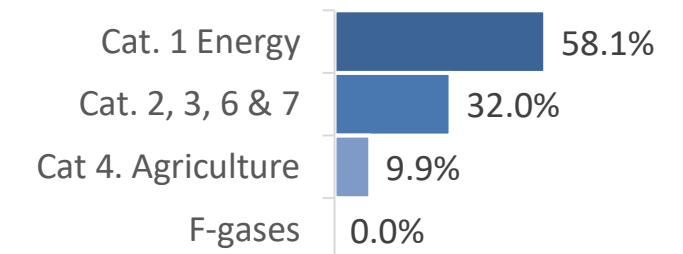


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

| | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 | | 2025 | | 2030 | |
|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (MtCO ₂ eq/yr in GWP SAR) | | | | | | low | high | low | high | low | high |
| 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 | 297 | 559 | 670 | 787 | 959 | 1,031 | 918 | 1,102 | 877 | 1,174 | 837 |
| Total GHG excl. LULUCF | 298 | 559 | 670 | 787 | 959 | 1,031 | 919 | 1,102 | 878 | 1,174 | 837 |
| Total GHG incl. LULUCF | 621 | 1,380 | 1,491 | 1,608 | 1,780 | 1,852 | 1,740 | 1,924 | 1,699 | 1,995 | 1,658 |

Relative GHG Emissions

| | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 | | 2025 | | 2030 | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|
| Total excl. LULUCF | | | | | | low | high | low | high | low | high |
| Relative 1990 | 100% | 188% | 225% | 264% | 322% | 346% | 308% | 370% | 294% | 394% | 281% |
| Relative 2000 | 53% | 100% | 120% | 141% | 172% | 184% | 164% | 197% | 157% | 210% | 150% |
| Relative 2005 | 44% | 83% | 100% | 117% | 143% | 154% | 137% | 165% | 131% | 175% | 125% |
| Relative 2010 | 38% | 71% | 85% | 100% | 122% | 131% | 117% | 140% | 112% | 149% | 106% |
| Relative 2015 | 31% | 58% | 70% | 82% | 100% | 107% | 96% | 115% | 91% | 122% | 87% |

Per-Capita Emissions

| | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 | | 2025 | | 2030 | |
|--|------|------|------|------|------|------|------|------|------|------|------|
| Total excl. LULUCF | | | | | | low | high | low | high | low | high |
| Population (Mio) | 181 | 212 | 226 | 242 | 258 | 272 | 272 | 285 | 285 | 295 | 295 |
| Per-Capita Emissions (tCO ₂ eq/cap) | 1.6 | 2.6 | 3.0 | 3.3 | 3.7 | 3.8 | 3.4 | 3.9 | 3.1 | 4.0 | 2.8 |
| Relative 1990 | 100% | 161% | 180% | 198% | 227% | 231% | 206% | 236% | 188% | 242% | 172% |
| Relative 2000 | 62% | 100% | 112% | 123% | 141% | 144% | 128% | 147% | 117% | 150% | 107% |
| Relative 2005 | 55% | 89% | 100% | 110% | 126% | 128% | 114% | 131% | 104% | 134% | 96% |
| Relative 2010 | 50% | 81% | 91% | 100% | 114% | 116% | 104% | 119% | 95% | 122% | 87% |
| Relative 2015 | 44% | 71% | 80% | 87% | 100% | 102% | 91% | 104% | 83% | 107% | 76% |

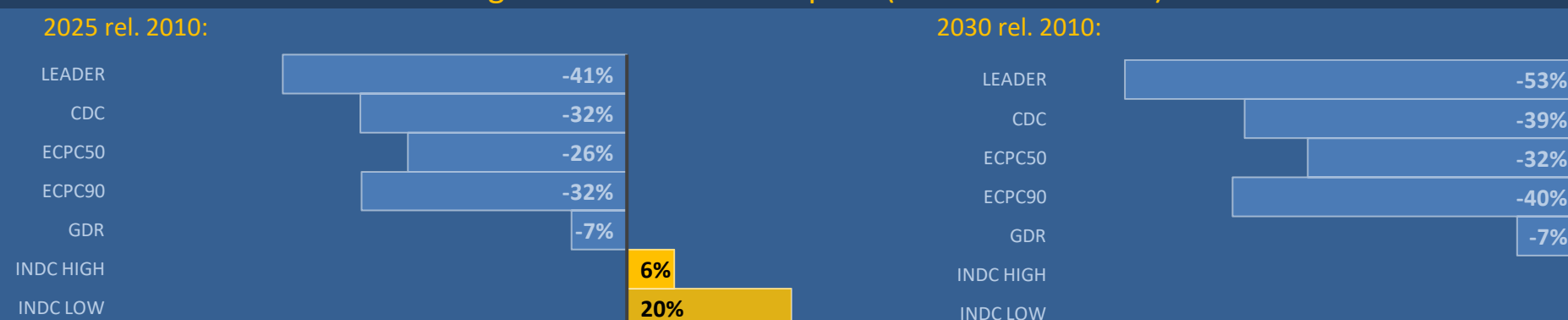
Data Sources:

- 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.
- Cat5GMCMWMM_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

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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