

Thailand

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+18%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.8% #26

0.8% #27

0.8% #27

Per-Capita Emissions (tCO2eq/cap)

5.2t #88

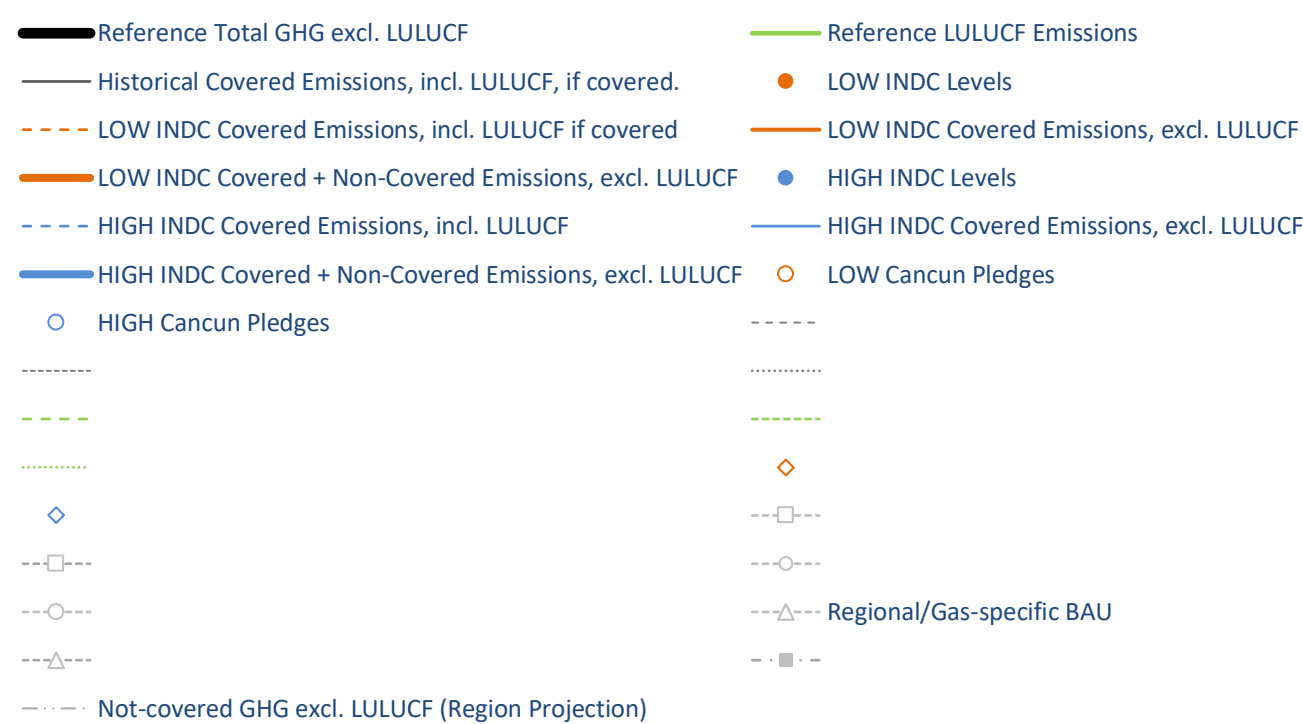
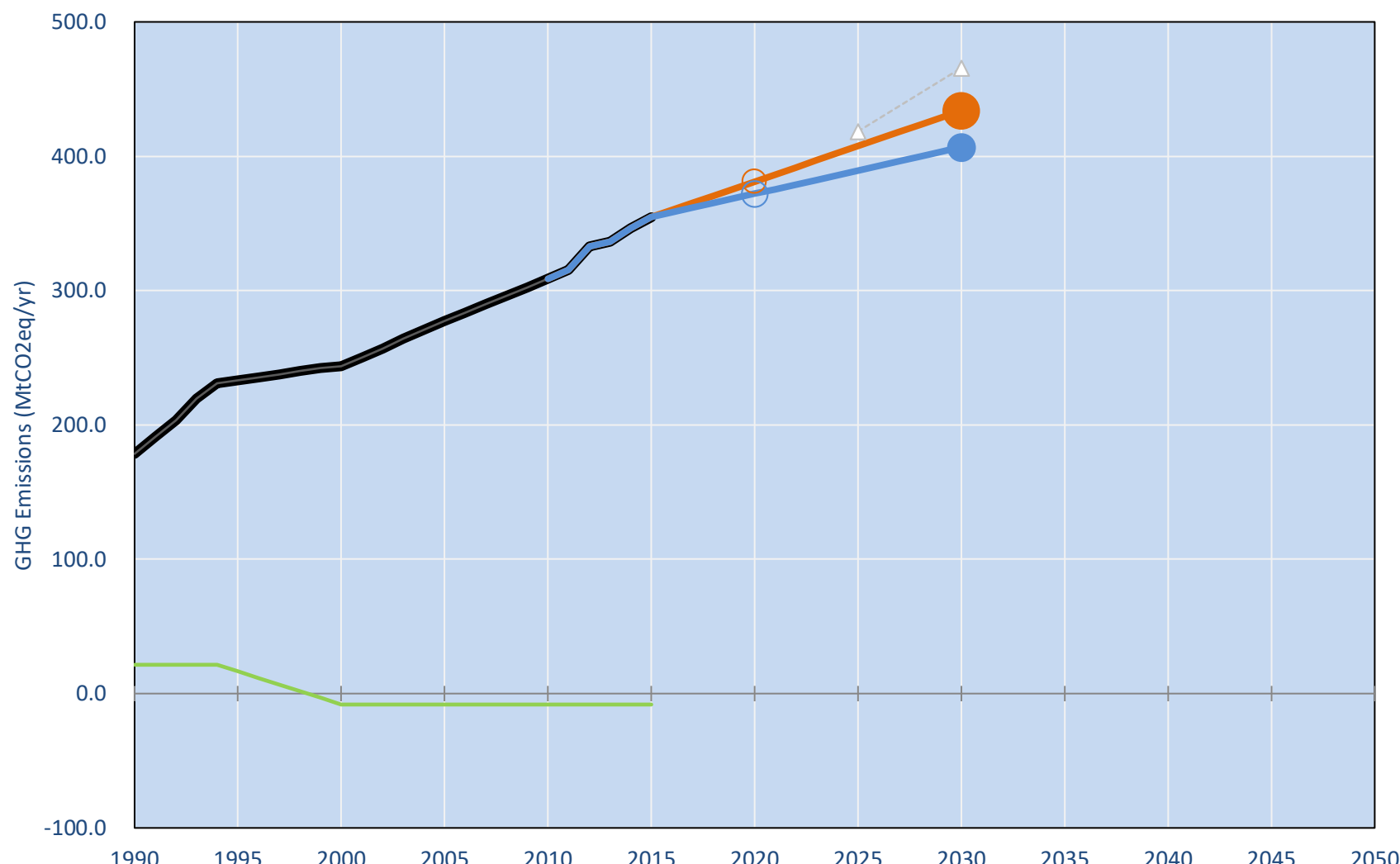
5.8t #81

6.2t #77

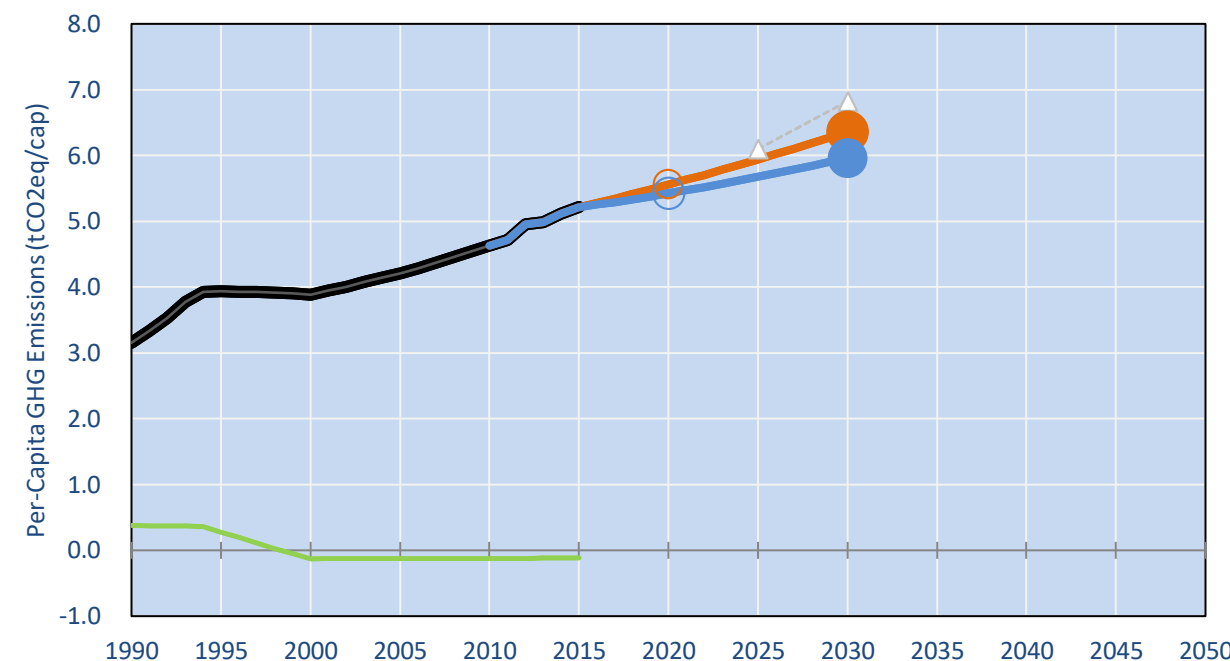
NDC: Reduction of GHG emissions by 20% from BAU level by 2030 Conditional target: up to 25% subject to support. (GWP AR4)

INDC Submitted: 1/10/2015

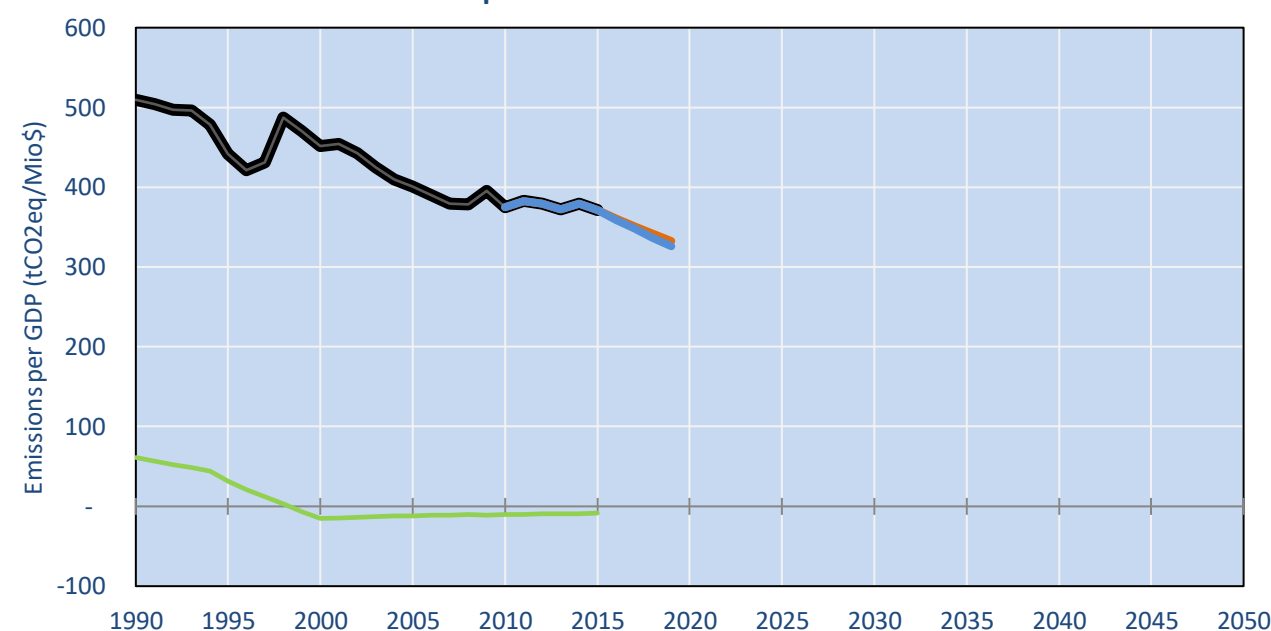
GHG Emissions



Per-Capita Emissions

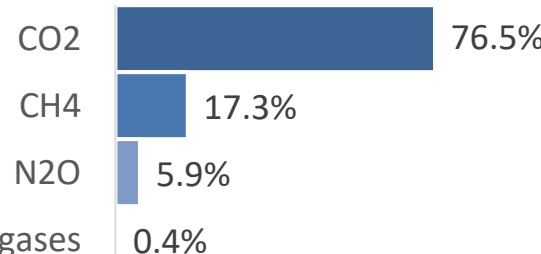


GHG Emissions per GDP

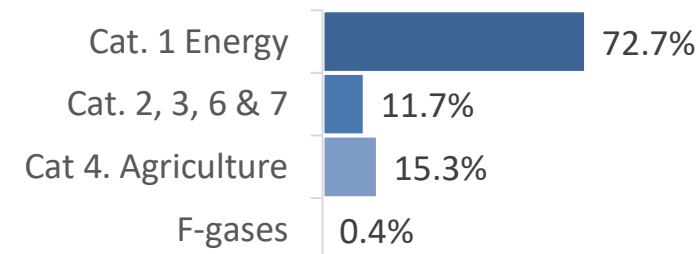


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

| | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 | |
|--|------|------|------|------|------|------|------|------|------|
| (MtCO2eq/yr in GWP SAR) | | | | | | low | high | low | high |
| Assumed LULUCF Accounting Credits (-)/Debits (+) | - | - | - | - | - | - | - | - | - |
| NDC covered LULUCF Emissions | - | - | - | - | - | - | - | - | - |
| NDC covered Emissions excl. LULUCF | 178 | 244 | 277 | 309 | 355 | 381 | 408 | 389 | 434 |
| Total GHG excl. LULUCF | 178 | 244 | 277 | 309 | 355 | 381 | 408 | 389 | 434 |
| Total GHG incl. LULUCF | 200 | 236 | 269 | 301 | 346 | 373 | 399 | 381 | 426 |

Relative GHG Emissions

| | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 | |
|--------------------|------|------|------|------|------|------|------|------|------|
| Total excl. LULUCF | | | | | | low | high | low | high |
| Relative 1990 | 100% | 137% | 155% | 173% | 199% | 214% | 208% | 218% | 243% |
| Relative 2000 | 73% | 100% | 114% | 127% | 145% | 156% | 153% | 160% | 178% |
| Relative 2005 | 64% | 88% | 100% | 111% | 128% | 137% | 134% | 147% | 157% |
| Relative 2010 | 58% | 79% | 90% | 100% | 115% | 123% | 121% | 132% | 141% |
| Relative 2015 | 50% | 69% | 78% | 87% | 100% | 107% | 105% | 115% | 122% |

Per-Capita Emissions

| | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 | |
|-----------------------------------|------|------|------|------|------|------|------|------|------|
| Total excl. LULUCF | | | | | | low | high | low | high |
| Population (Mio) | 57 | 63 | 66 | 67 | 68 | 69 | 69 | 68 | 68 |
| Per-Capita Emissions (tCO2eq/cap) | 3.2 | 3.9 | 4.2 | 4.6 | 5.2 | 5.6 | 5.4 | 5.9 | 6.4 |
| Relative 1990 | 100% | 123% | 133% | 147% | 165% | 176% | 172% | 188% | 202% |
| Relative 2000 | 81% | 100% | 108% | 119% | 134% | 143% | 140% | 153% | 164% |
| Relative 2005 | 75% | 92% | 100% | 110% | 124% | 132% | 129% | 141% | 151% |
| Relative 2010 | 68% | 84% | 91% | 100% | 113% | 120% | 117% | 128% | 137% |
| Relative 2015 | 60% | 75% | 81% | 89% | 100% | 107% | 104% | 109% | 122% |

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 SAR |
| 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):

| | 2025 rel. 2010: | 2030 rel. 2010: |
|-----------|-----------------|-----------------|
| LEADER | #N/A | LEADER |
| CDC | #N/A | CDC |
| ECPC50 | #N/A | ECPC50 |
| ECPC90 | #N/A | ECPC90 |
| GDR | #N/A | GDR |
| INDC HIGH | 27% | INDC HIGH |
| INDC LOW | 33% | INDC LOW |

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 |