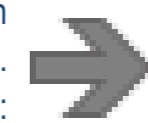




# Iraq

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



**-6%**

INDC 2025

INDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.4% #41

0.4% #38

0.5% #39

Per-Capita Emissions (tCO2eq/cap)

5.1t #91

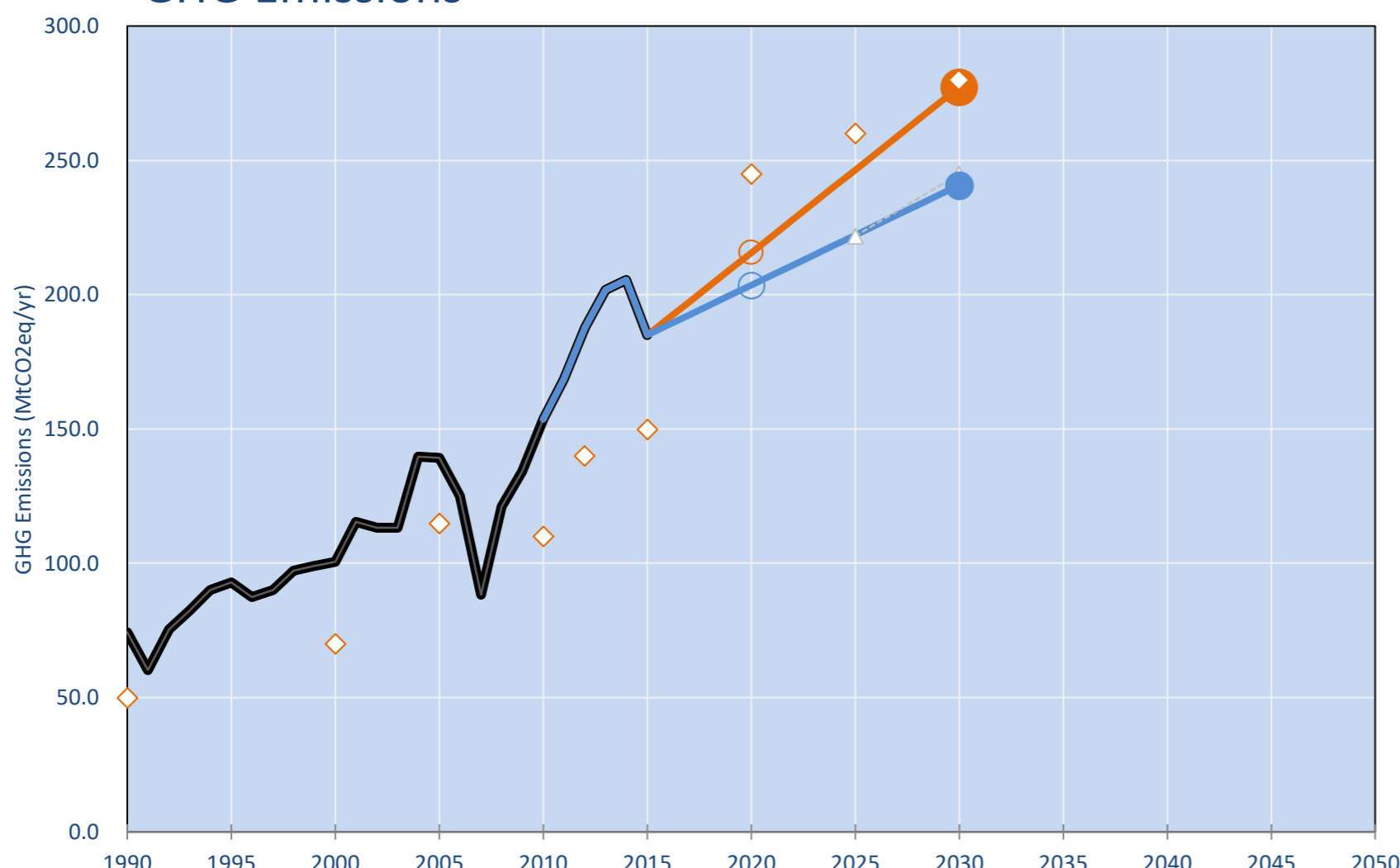
4.9t #97

4.8t #98

INDC: 1% unconditional and a total of 14% conditional reduction under a linear BAU by 2035. (GWP unclear)

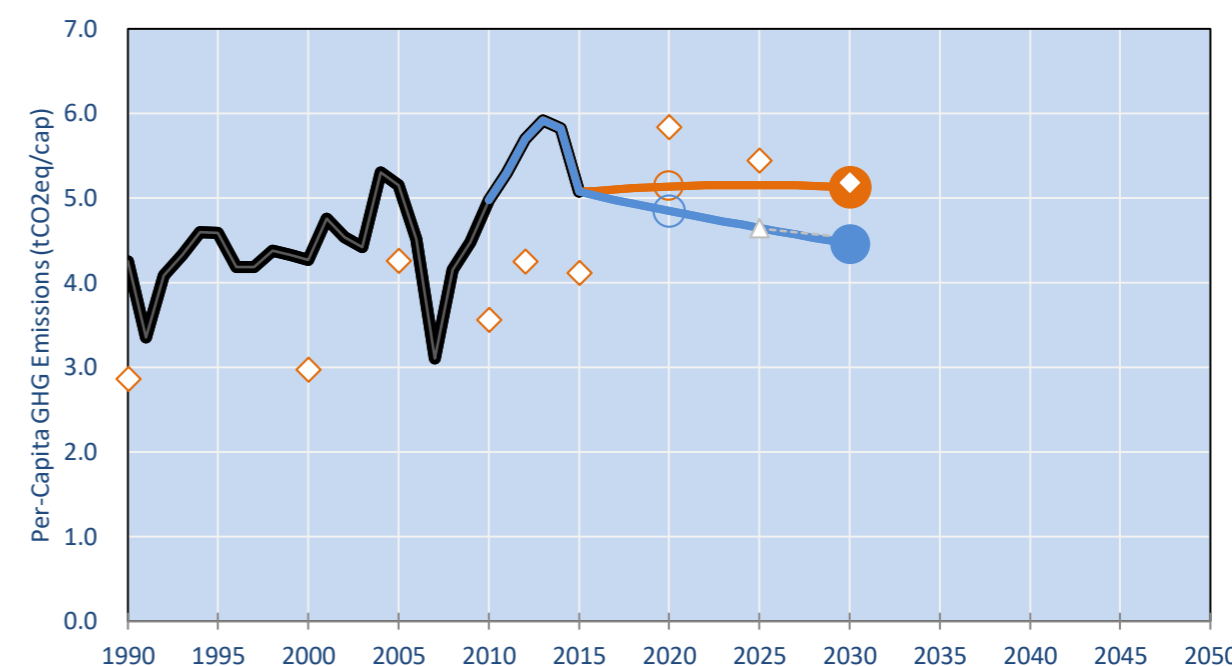
INDC Submitted: 12/11/2015

## GHG Emissions

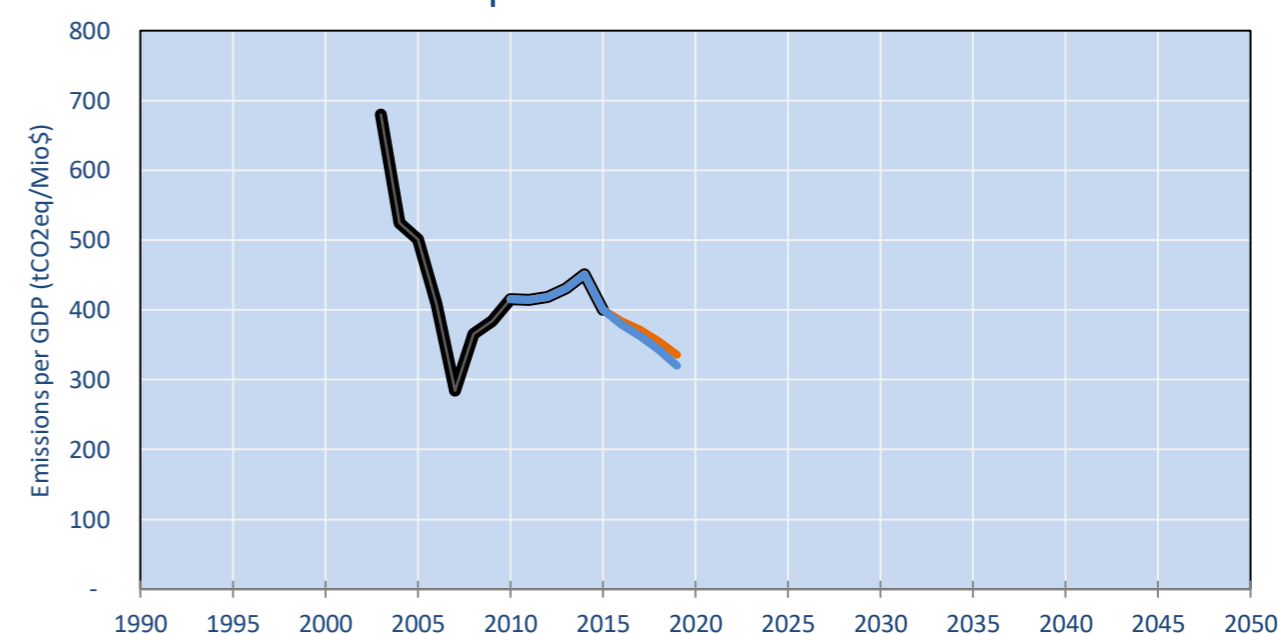


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF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

## Per-Capita Emissions

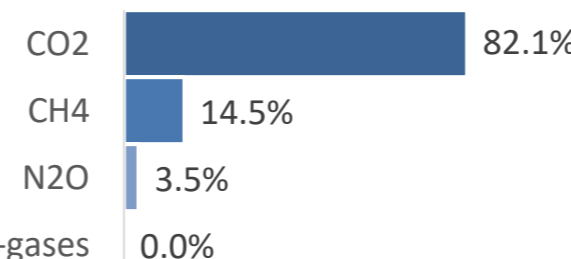


## GHG Emissions per GDP

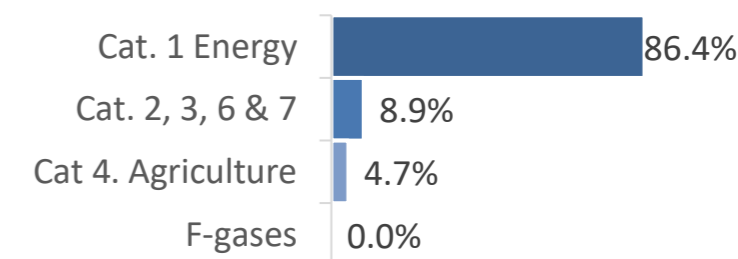


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

|  | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 |      | 2025 |      | 2030 |      |
|--|------|------|------|------|------|------|------|------|------|------|------|
| (MtCO2eq/yr in GWP SAR)                          |      |      |      |      |      | low  | high | low  | high | low  | high |
| Assumed LULUCF Accounting Credits (-)/Debits (+) | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| INDC covered LULUCF Emissions                    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| INDC covered Emissions excl. LULUCF              | 74   | 101  | 139  | 154  | 185  | 216  | 204  | 246  | 222  | 277  | 241  |
| Total GHG excl. LULUCF                           | 74   | 101  | 139  | 154  | 185  | 216  | 204  | 246  | 222  | 277  | 241  |
| Total GHG incl. LULUCF                           | 74   | 101  | 139  | 154  | 185  | 216  | 204  | 246  | 222  | 277  | 241  |

## Relative GHG Emissions

|                    | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 |      | 2025 |      | 2030 |      |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|
| Total excl. LULUCF |      |      |      |      |      | low  | high | low  | high | low  | high |
| Relative 1990      | 100% | 135% | 187% | 207% | 249% | 290% | 274% | 332% | 299% | 373% | 324% |
| Relative 2000      | 74%  | 100% | 138% | 153% | 184% | 214% | 202% | 245% | 221% | 276% | 239% |
| Relative 2005      | 53%  | 72%  | 100% | 110% | 133% | 155% | 146% | 177% | 160% | 199% | 173% |
| Relative 2010      | 48%  | 65%  | 91%  | 100% | 120% | 140% | 132% | 160% | 145% | 180% | 157% |
| Relative 2015      | 40%  | 54%  | 75%  | 83%  | 100% | 117% | 110% | 133% | 120% | 150% | 130% |

## Per-Capita Emissions

|                                   | 1990 | 2000 | 2005 | 2010 | 2015 | 2020 |      | 2025 |      | 2030 |      |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Total excl. LULUCF                |      |      |      |      |      | low  | high | low  | high | low  | high |
| Population (Mio)                  | 17   | 24   | 27   | 31   | 36   | 42   | 42   | 48   | 48   | 54   | 54   |
| Per-Capita Emissions (tCO2eq/cap) | 4.2  | 4.3  | 5.2  | 5.0  | 5.1  | 5.1  | 4.8  | 5.2  | 4.6  | 5.1  | 4.5  |
| Relative 1990                     | 100% | 100% | 121% | 117% | 119% | 121% | 114% | 121% | 109% | 121% | 105% |
| Relative 2000                     | 100% | 100% | 121% | 117% | 119% | 120% | 114% | 121% | 109% | 120% | 104% |
| Relative 2005                     | 82%  | 83%  | 100% | 97%  | 99%  | 100% | 94%  | 100% | 90%  | 100% | 86%  |
| Relative 2010                     | 85%  | 86%  | 104% | 100% | 102% | 103% | 97%  | 104% | 93%  | 103% | 89%  |
| Relative 2015                     | 84%  | 84%  | 101% | 98%  | 100% | 101% | 96%  | 102% | 92%  | 101% | 88%  |

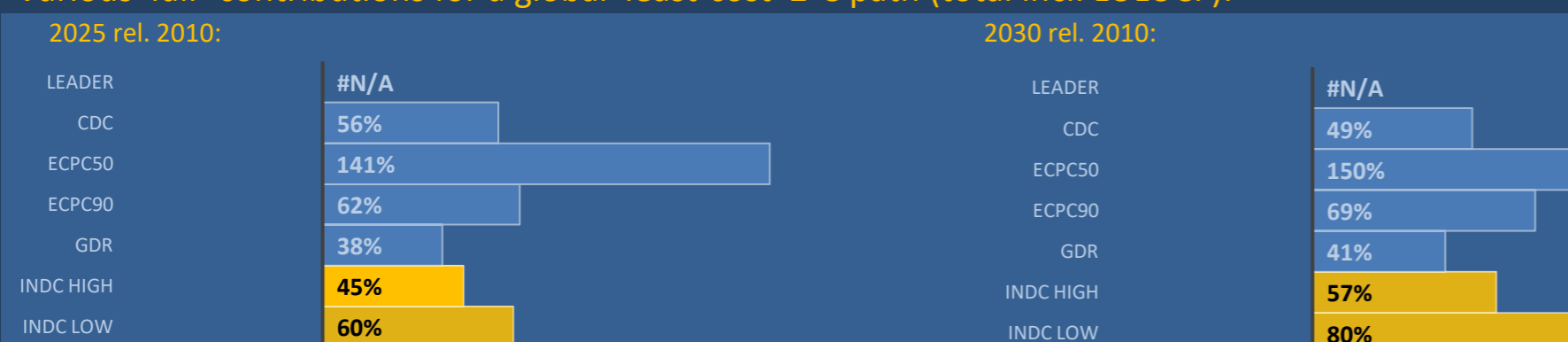
## Data Sources:

|  |   |  |                                    |
|--|---|--|------------------------------------|
| Cat1_CO2                               | PRIMAPHIST17  | Cat5A1_CO2                                 | UNFCCC CRF + Nat. Comms.           |
| Cat2367_CO2                            | PRIMAPHIST17  | Cat5A2_CO2                                 | UNFCCC CRF + Nat. Comms.           |
| Cat4_CO2                               | PRIMAPHIST17  | Cat5LtoNonFL_CO2                           | 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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|  |   | AUSTRALIAN-GERMAN CLIMATE & ENERGY COLLEGE |                                    |

Meinshausen, Alexander et al., www.climatecollege.unimelb.edu.au/indc-factsheets, The University of Melbourne



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



Shown fair contributions only indicative

"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

More info on [www.mitigation-contributions.org](http://www.mitigation-contributions.org)