

Paris Agreement ratified on: 21/09/2016

# Singapore

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+2%**

NDC 2025

NDC 2030

-36% 258% Intensity Target rel. 2005

Share of World Emissions excl. LULUCF (Rank):

2015 World Rank

2025 World Rank

2030 World Rank

0.2% #66

0.2% #65

0.2% #64

Per-Capita Emissions (tCO2eq/cap)

14.4t #19

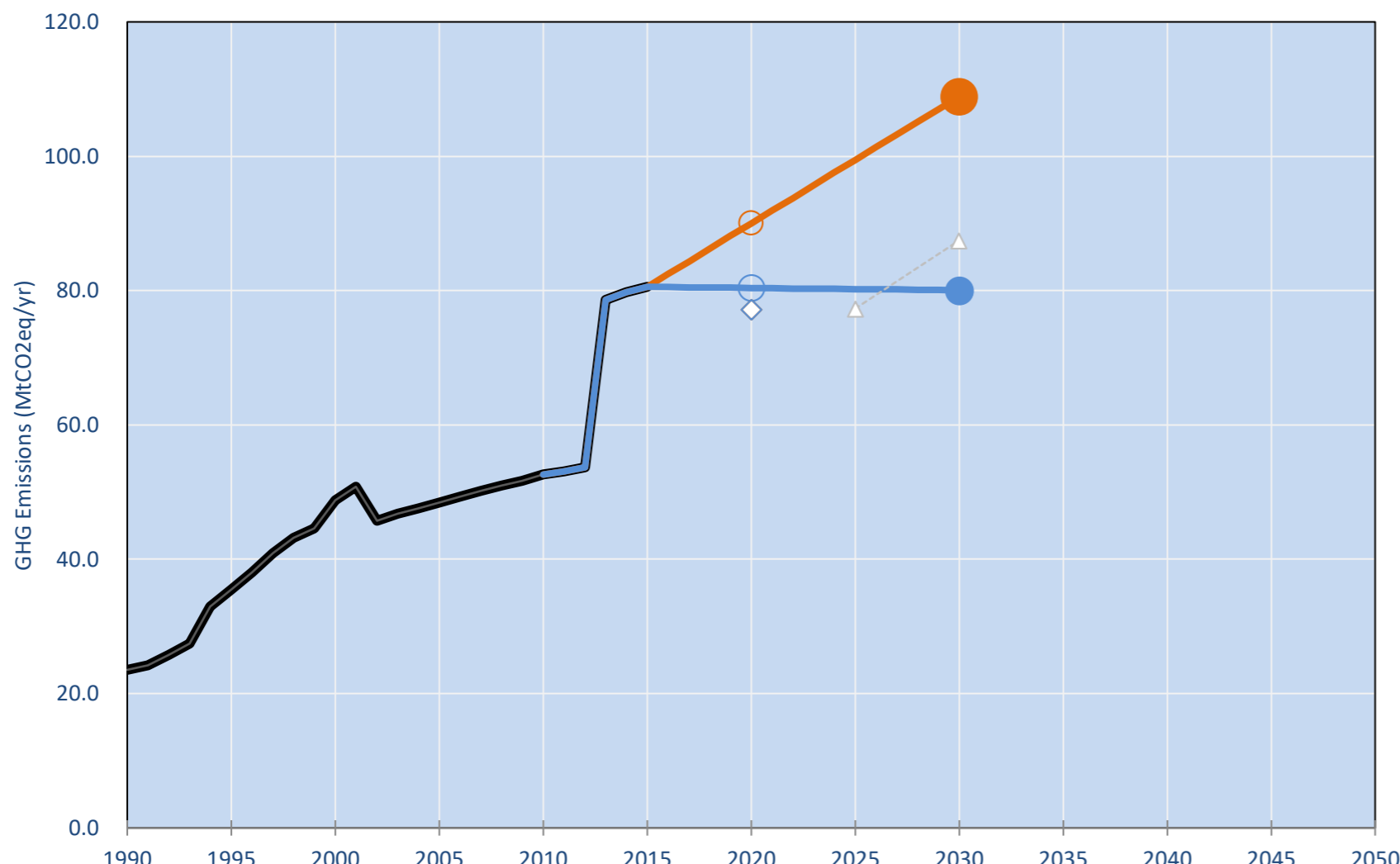
14.4t #20

14.7t #18

NDC: Reduce its emissions intensity by 36% from 2005 levels by 2030 and stabilise its emissions with the aim of peaking around 2030. (GWP SAR)

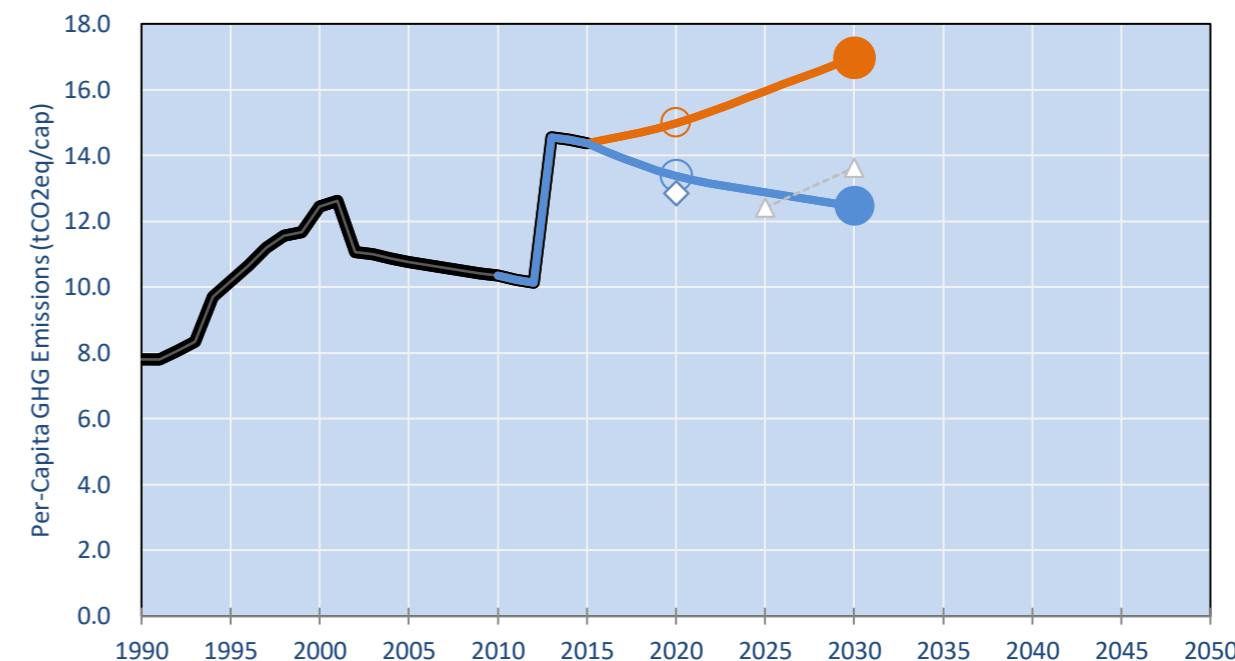
INDC Submitted: 3/07/2015

## GHG Emissions

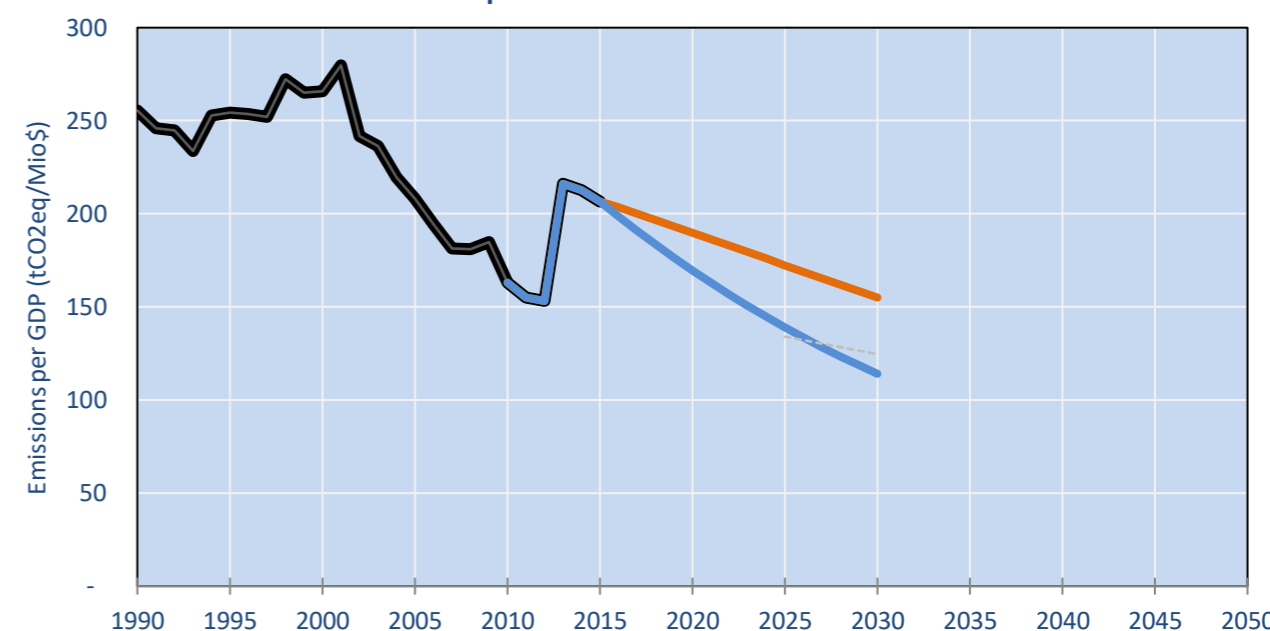


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF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

## Per-Capita Emissions



## GHG Emissions per GDP



## 2015 Total GHG Emissions excl. LULUCF

By Gas:

CO2	94.7%
CH4	2.7%
N2O	0.9%
F-gases	1.7%

By Sector:

Cat. 1 Energy	93.7%
Cat. 2, 3, 6 & 7	4.4%
Cat 4. Agriculture	0.2%
F-gases	1.7%

## GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
(MtCO2eq/yr in GWP AR4)						low high	low high	low high
Assumed LULUCF Accounting Credits (-)/Debits (+)								
NDC covered LULUCF Emissions								
NDC covered Emissions excl. LULUCF	24	49	48	53	81	90	80	99
Total GHG excl. LULUCF	24	49	48	53	81	90	80	109
Total GHG incl. LULUCF	24	49	48	53	81	90	80	109

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030
Total excl. LULUCF						low high	low high	low high
Relative 1990	100%	207%	206%	224%	342%	382%	342%	422%
Relative 2000	48%	100%	99%	108%	165%	185%	165%	204%
Relative 2005	49%	101%	100%	109%	166%	186%	166%	205%
Relative 2010	45%	93%	92%	100%	153%	171%	153%	189%
Relative 2015	29%	61%	60%	65%	100%	112%	100%	123%

## Per-Capita Emissions

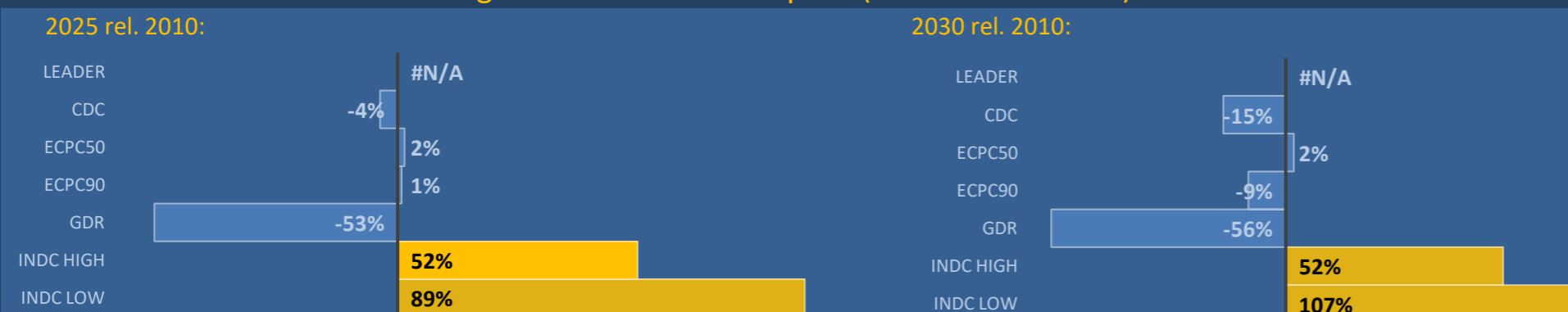
	1990	2000	2005	2010	2015	2020	2025	2030
Total excl. LULUCF						low high	low high	low high
Population (Mio)	3	4	4	5	6	6	6	6
Per-Capita Emissions (tCO2eq/cap)	7.8	12.4	10.8	10.4	14.4	15.0	13.4	16.0
Relative 1990	100%	159%	138%	133%	184%	192%	172%	205%
Relative 2000	63%	100%	87%	83%	116%	120%	108%	128%
Relative 2005	72%	116%	100%	96%	133%	139%	124%	148%
Relative 2010	75%	120%	104%	100%	139%	145%	129%	154%
Relative 2015	54%	87%	75%	72%	100%	104%	93%	111%

## 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 COUNTRY-SPECIFIC USER DATA  
 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  
 climatecollege.unimelb.edu.au  
 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):



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

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