

# Malaysia

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+35%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

-35% Intensity Target rel. 2005

Share of World Emissions excl. LULUCF (Rank):

0.8% #26

1.0% #21

1.1% #17

-45% Intensity Target rel. 2005

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

12.1t #28

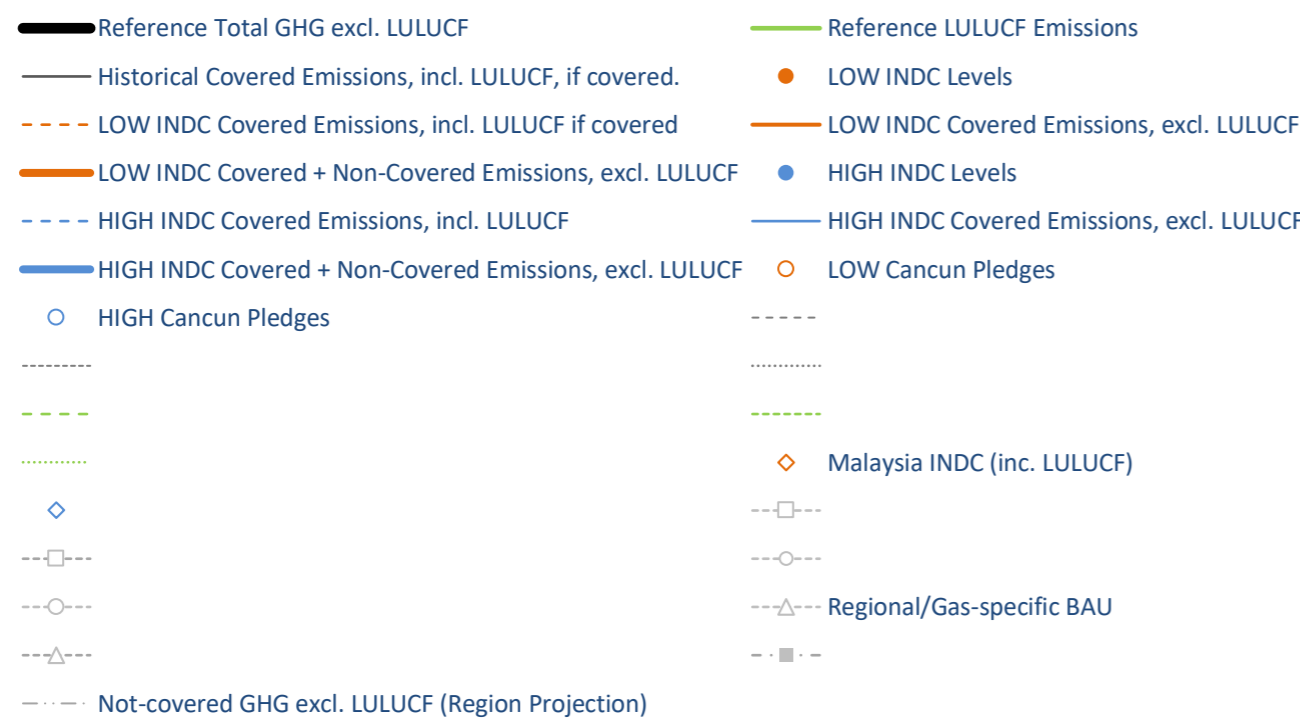
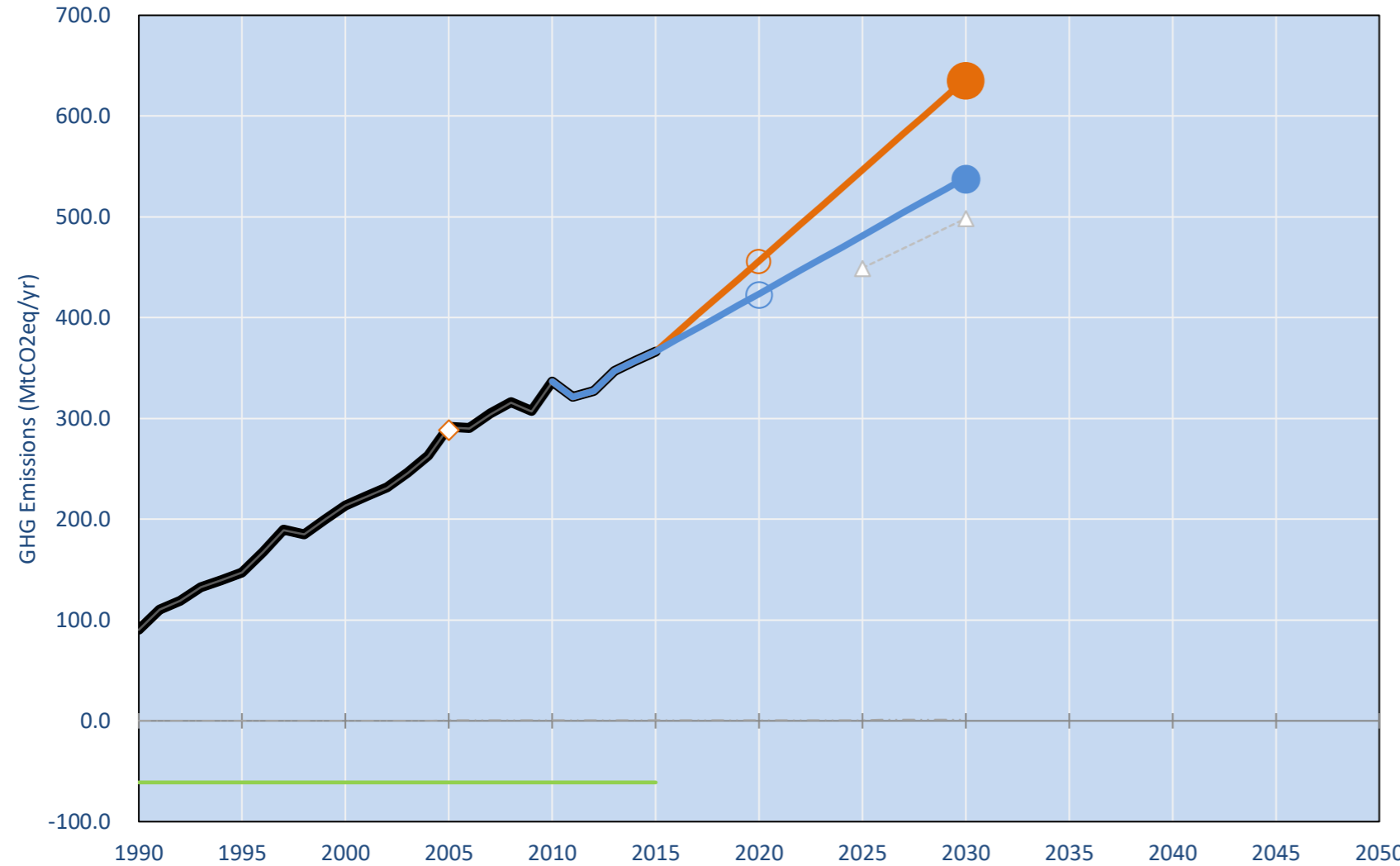
15t #19

16.3t #13

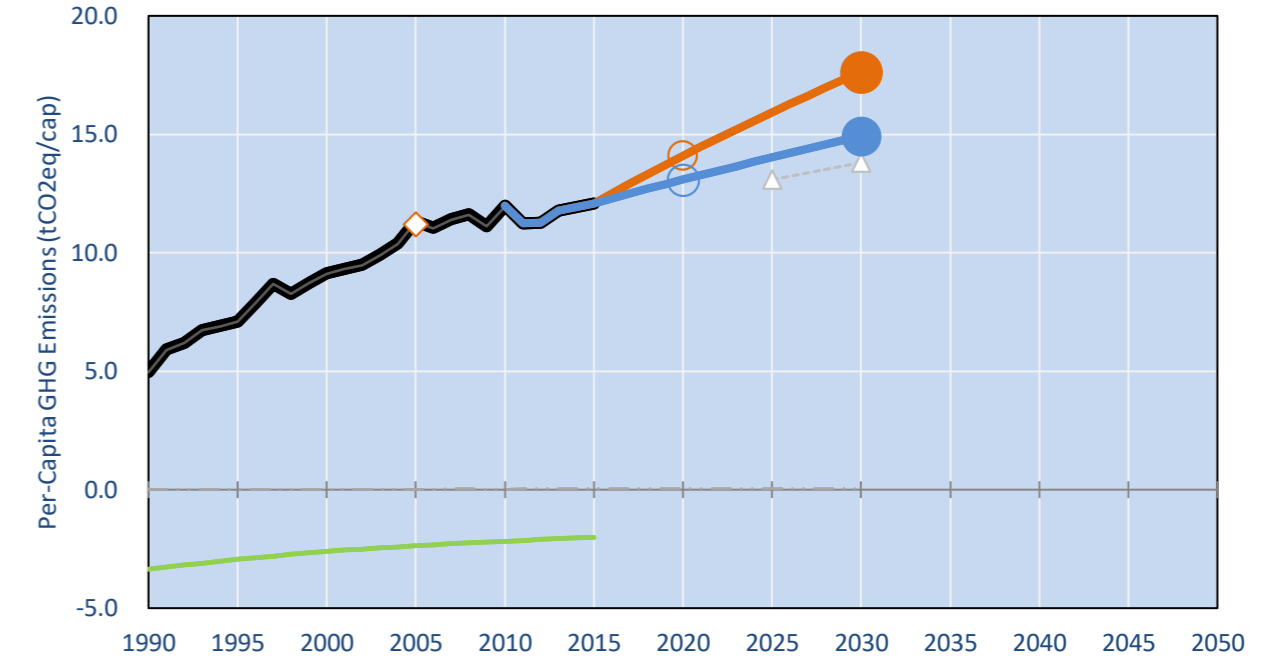
NDC: Reduction of GHG emission intensity per GDP compared to 2005 by 35% unconditionally and extra 10%, i.e. 45% in total, conditionally. (GWP SAR)

INDC Submitted: 18/01/2016

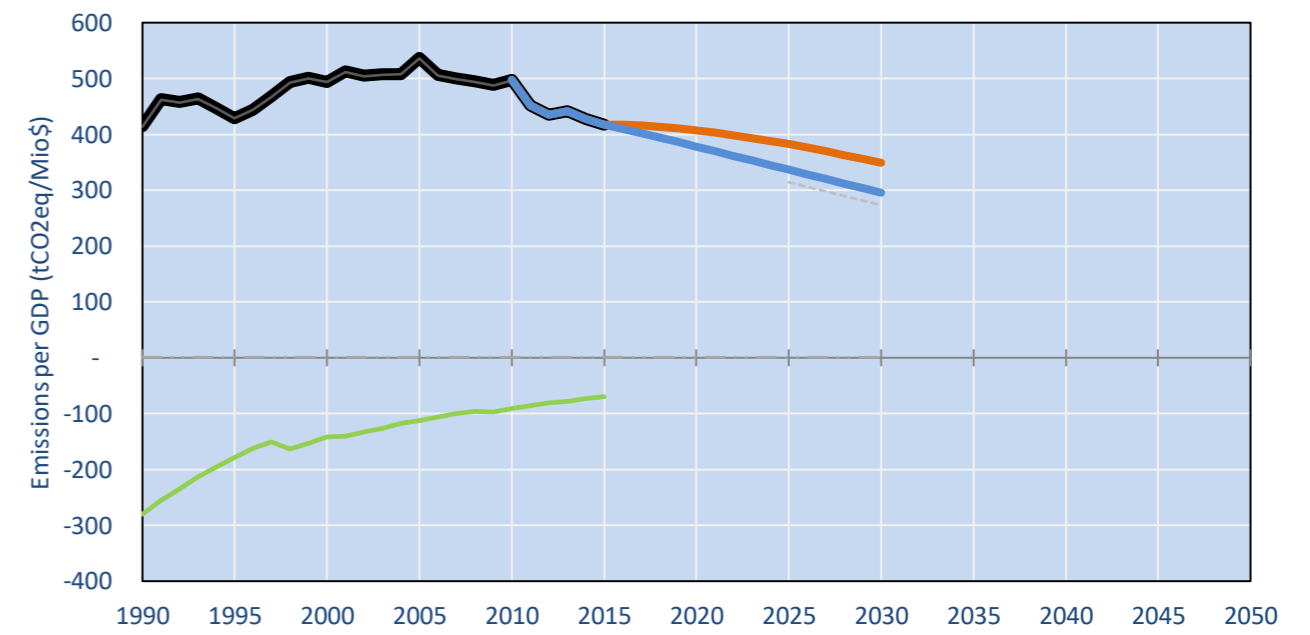
## GHG Emissions



## Per-Capita Emissions

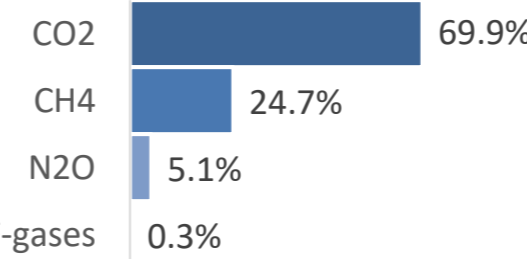


## GHG Emissions per GDP

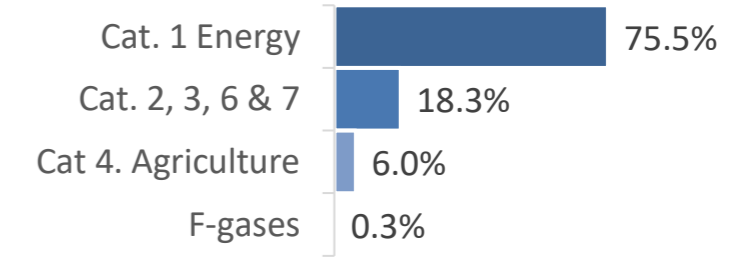


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
(MtCO <sub>2</sub> eq/yr in GWP AR4)						low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)									
NDC covered LULUCF Emissions									
NDC covered Emissions excl. LULUCF	90	214	291	336	365	455	423	545	480
Total GHG excl. LULUCF	90	214	292	337	366	456	424	547	481
Total GHG incl. LULUCF	29	153	231	276	305	395	363	485	420

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Relative 1990	100%	236%	323%	372%	405%	504%	468%	604%	532%
Relative 2000	42%	100%	137%	158%	171%	214%	198%	256%	225%
Relative 2005	31%	73%	100%	115%	126%	156%	145%	187%	165%
Relative 2010	27%	63%	87%	100%	109%	136%	126%	162%	143%
Relative 2015	25%	58%	80%	92%	100%	125%	116%	149%	131%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020	2025	2030	
Total excl. LULUCF						low	high	low	high
Population (Mio)	18	23	26	28	30	32	32	34	34
Per-Capita Emissions (tCO <sub>2</sub> eq/cap)	5.0	9.1	11.3	12.0	12.1	14.1	13.1	15.9	14.0
Relative 1990	100%	184%	228%	241%	243%	284%	263%	320%	282%
Relative 2000	54%	100%	124%	131%	132%	154%	143%	174%	154%
Relative 2005	44%	81%	100%	106%	107%	125%	116%	141%	124%
Relative 2010	41%	76%	94%	100%	101%	118%	109%	133%	117%
Relative 2015	41%	76%	94%	99%	100%	117%	108%	132%	116%

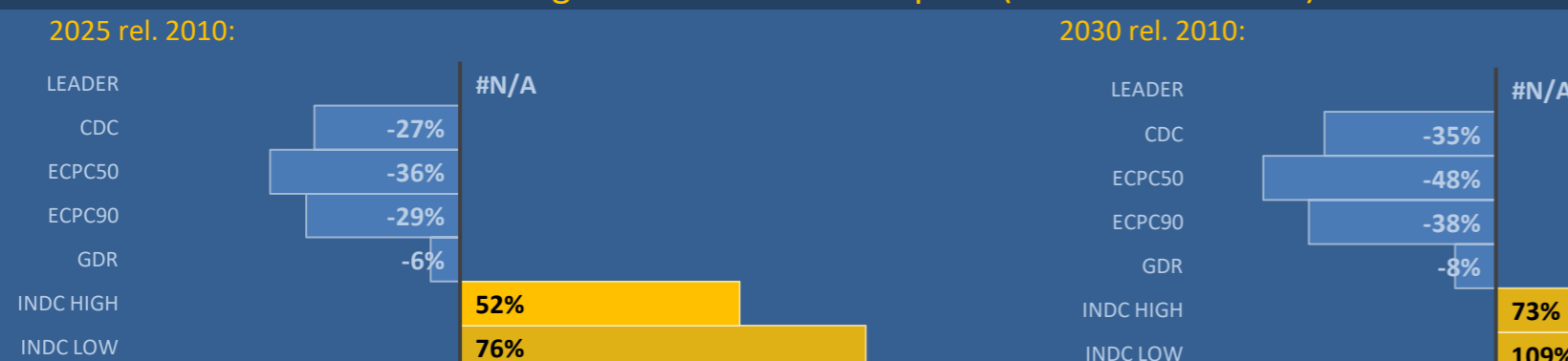
## Data Sources:

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 AR4
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		

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## 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
INDC HIGH	73%
INDC LOW	109%
#N/A	No available data