

Lebanon

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **+30%**

INDC 2025

INDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.1% #108

0.1% #112

0.1% #108

Per-Capita Emissions (tCO2eq/cap)

5t #95

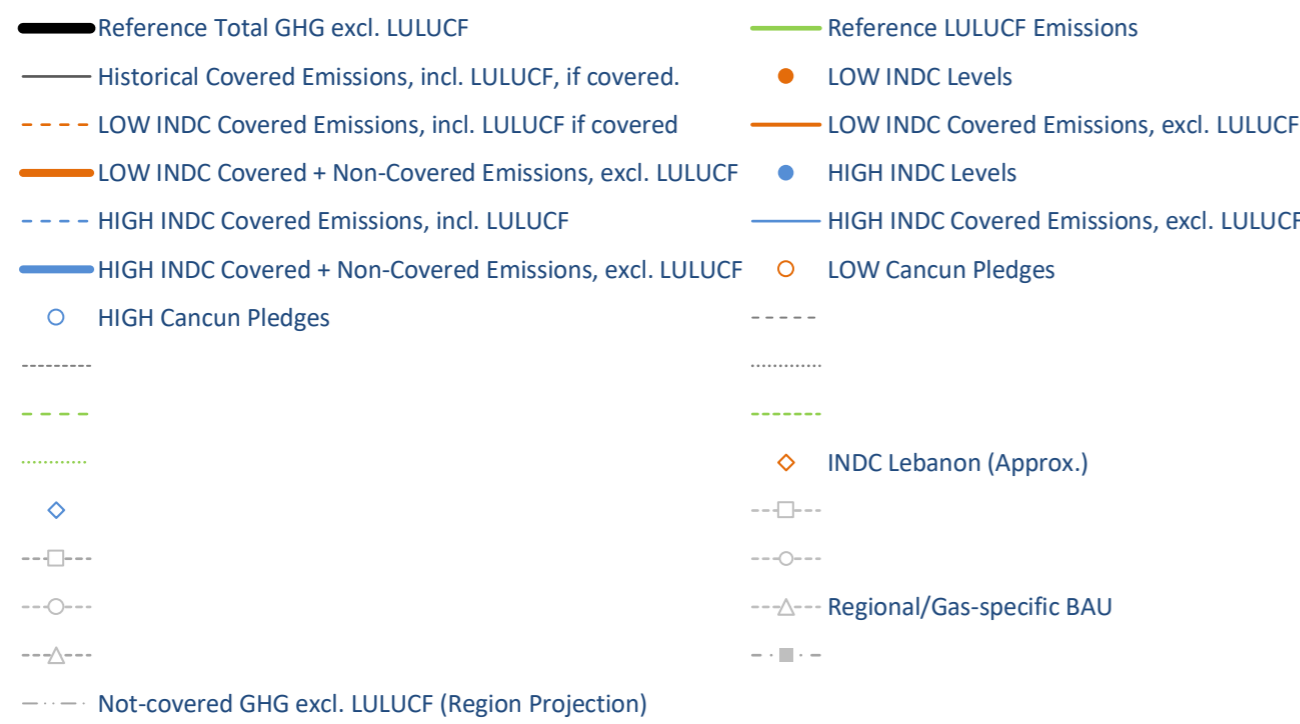
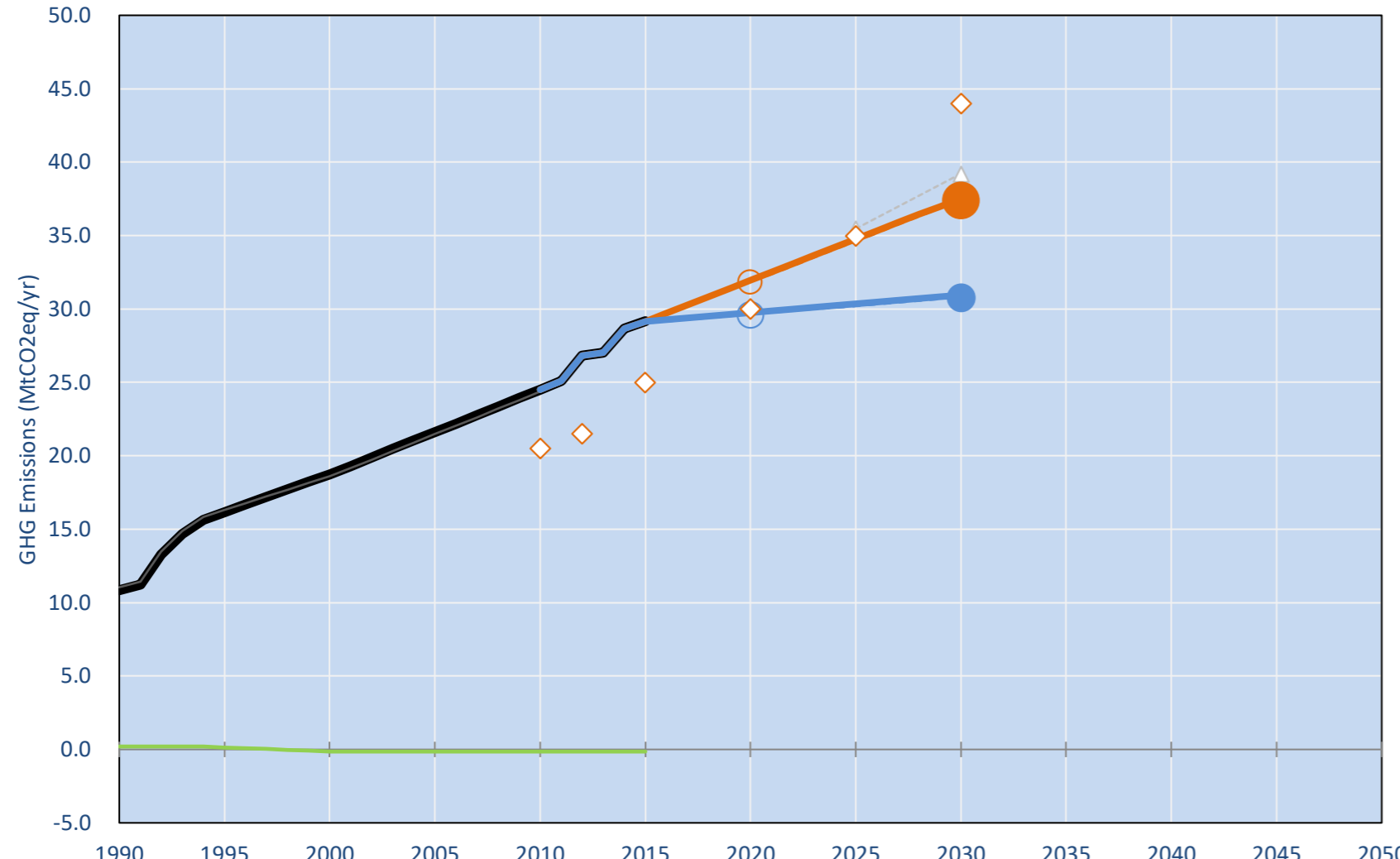
6t #78

6.5t #74

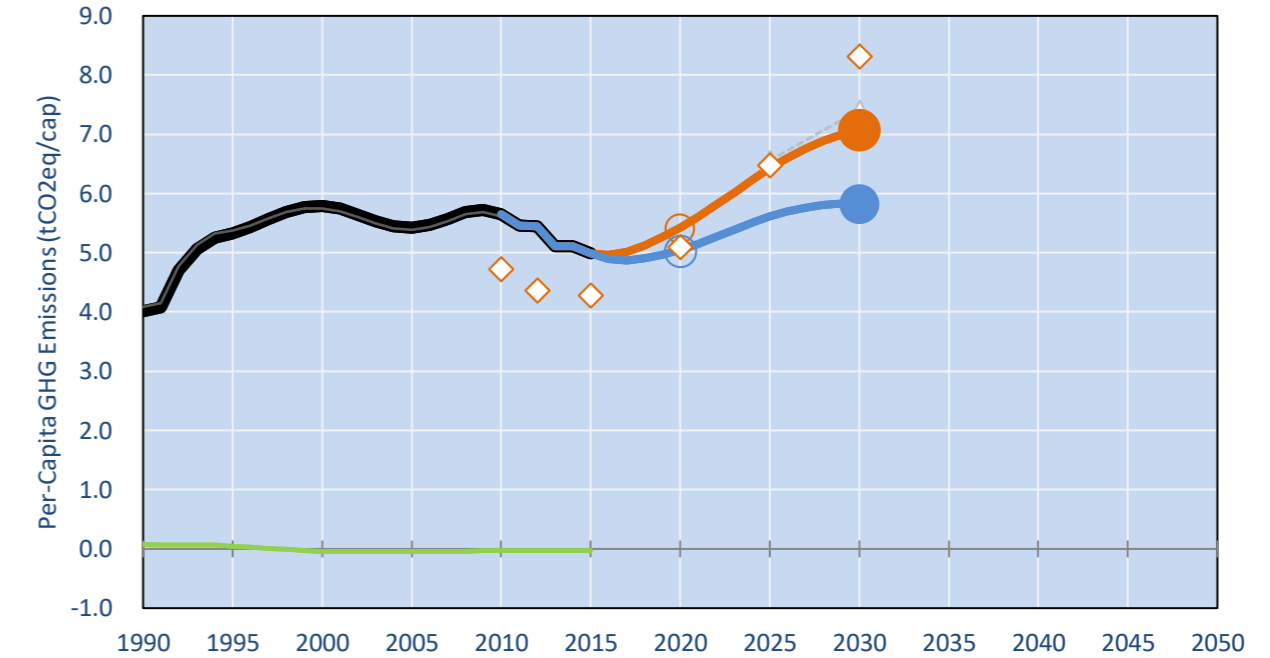
INDC: GHG emission reduction of 15% compared to BAU scenario in 2030 Conditional target: 30% GHG emission reduction compared to BAU. (GWP unclear)

INDC Submitted: 30/09/2015

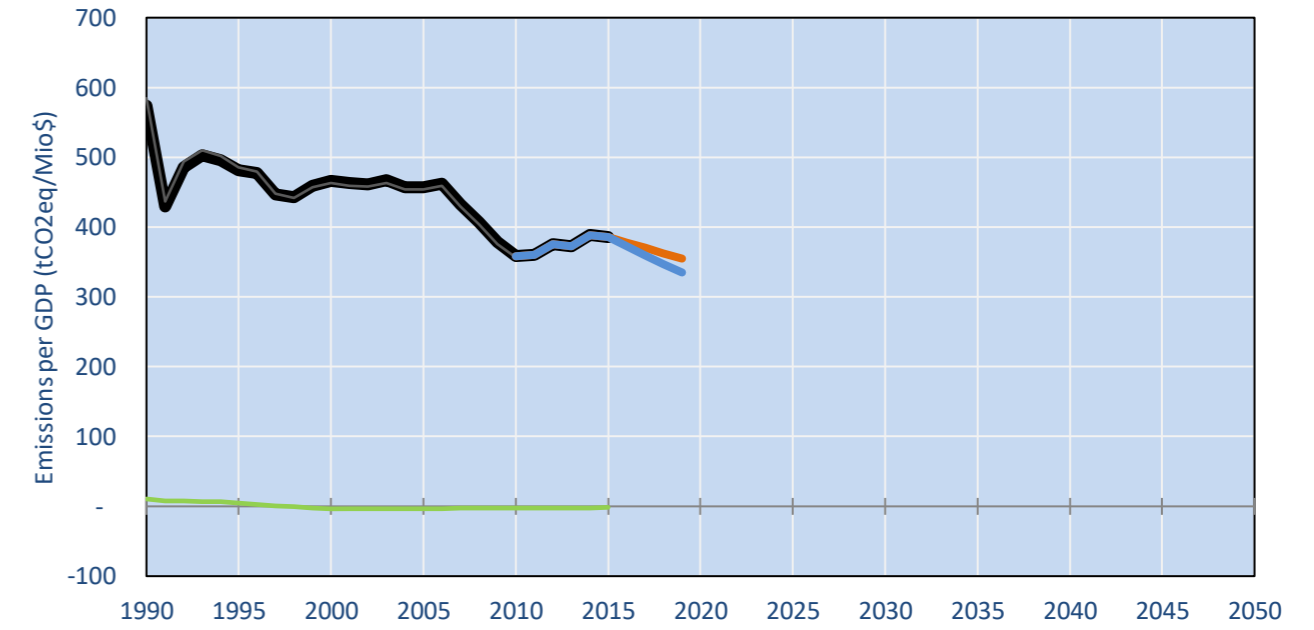
GHG Emissions



Per-Capita Emissions

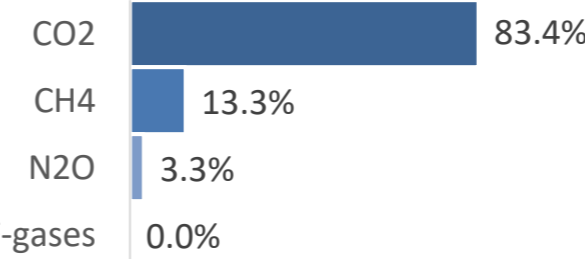


GHG Emissions per GDP

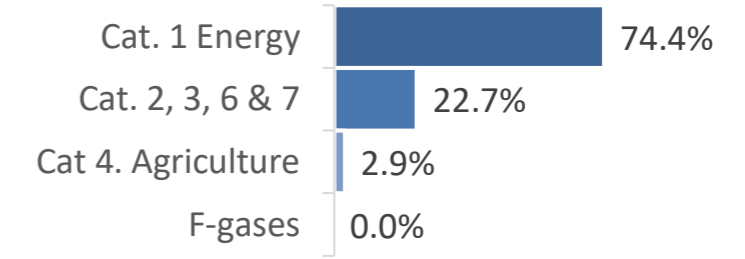


2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
(MtCO2eq/yr in GWP AR4)											
Assumed LULUCF Accounting Credits (-)/Debits (+)											
INDC covered LULUCF Emissions	0	0	0	0	0	0	0	0	0	0	0
INDC covered Emissions excl. LULUCF	11	19	22	25	29	32	30	35	30	38	31
Total GHG excl. LULUCF	11	19	22	25	29	32	30	35	30	38	31
Total GHG incl. LULUCF	11	19	21	24	29	32	30	35	30	37	31

Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
Total excl. LULUCF											
Relative 1990	100%	173%	199%	226%	269%	295%	274%	320%	280%	346%	285%
Relative 2000	58%	100%	115%	131%	156%	171%	159%	186%	162%	200%	165%
Relative 2005	50%	87%	100%	113%	135%	148%	138%	161%	140%	174%	143%
Relative 2010	44%	76%	88%	100%	119%	130%	121%	142%	124%	153%	126%
Relative 2015	37%	64%	74%	84%	100%	110%	102%	119%	104%	129%	106%

Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
						low	high	low	high	low	high
Total excl. LULUCF											
Population (Mio)	3	3	4	4	6	6	6	5	5	5	5
Per-Capita Emissions (tCO2eq/cap)	4.0	5.8	5.4	5.6	5.0	5.4	5.1	6.4	5.6	7.1	5.8
Relative 1990	100%	144%	135%	141%	124%	135%	126%	160%	140%	177%	146%
Relative 2000	69%	100%	94%	98%	86%	94%	87%	111%	97%	123%	101%
Relative 2005	74%	107%	100%	104%	92%	100%	93%	118%	103%	131%	108%
Relative 2010	71%	102%	96%	100%	88%	96%	89%	114%	99%	126%	104%
Relative 2015	80%	116%	109%	113%	100%	109%	101%	129%	113%	142%	117%

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	Cat5GMCMWMM_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	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		

climatecollege.unimelb.edu.au



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

More info on www.mitigation-contributions.org

2025 rel. 2010:		2030 rel. 2010:	
LEADER	#N/A	LEADER	#N/A
CDC	#N/A	CDC	#N/A
ECPC50	#N/A	ECPC50	#N/A
ECPC90	#N/A	ECPC90	#N/A
GDR	#N/A	GDR	#N/A
INDC HIGH	24%	INDC HIGH	26%
INDC LOW	42%	INDC LOW	54%

"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