

Shown: 2025 & 2030: Min/max of unconditional and conditional targets

2020 baseyear (dashed), with (orange) and without (blue) LULUCF. 2030 BY once with wildfires (61Mt) removed, once 2x to account for insects (blue).

NDC Factsheet

Paris Agreement ratified on: 05/10/2016

Canada

Per-Capita Emissions in 2030 rel. 2010 (excl. LULUCF):

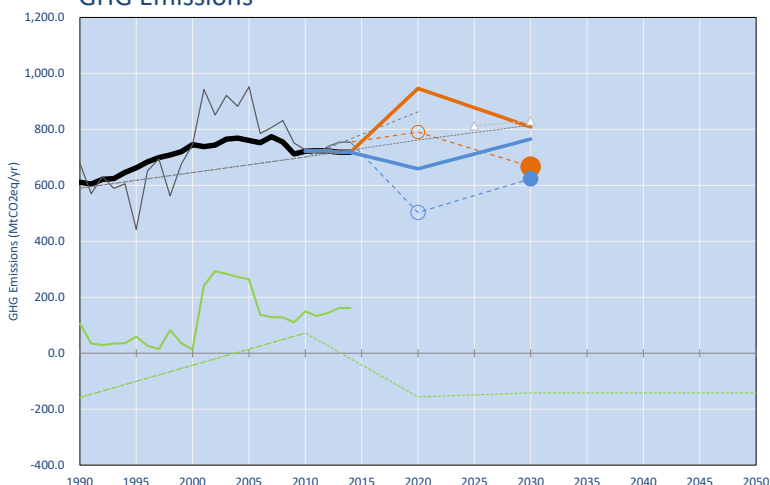
-8%

Cancun 2020	NDC 2025	NDC 2030	2010 World Rank	2025 World Rank	2030 World Rank
-17% rel. 2005		-30% -30% rel.2005	1.6% #11	1.4% #11	1.4% #13
Share of World Emissions excl. LULUCF (Rank):			21.2t #12	20.3t #10	19.5t #12
Per-Capita Emissions (tCO2eq/cap)					

NDC: Canada intends to achieve an economy-wide target to reduce its greenhouse gas emissions by 30% below 2005 levels by 2030. (GWP AR4)

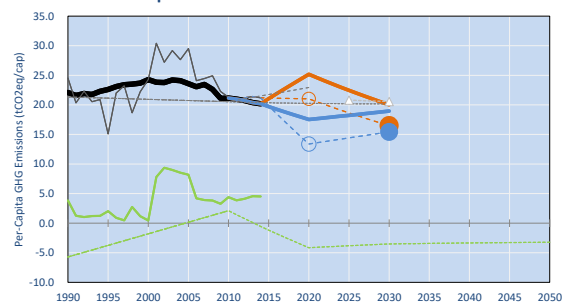
NDC Submitted: 15/05/2015

GHG Emissions

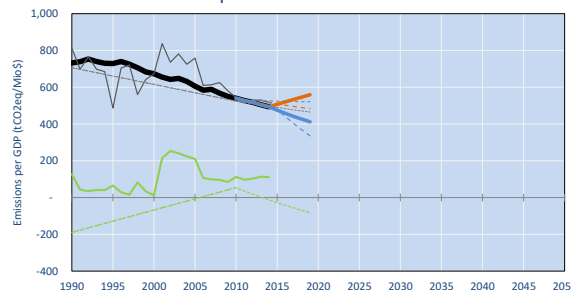


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- NM Total excl. LULUCF Projections
- WM Total excl. LULUCF Projections
- NM LULUCF Projections
- Regional/Gas-specific BAU
- Not-covered GHG excl. LULUCF (Region Projection)
- Reference LULUCF Emissions
- LOW INDC Levels
- LOW INDC Covered Emissions, excl. LULUCF
- HIGH INDC Levels
- HIGH INDC Covered Emissions, excl. LULUCF
- LOW Cancun Pledges
- WM LULUCF Projections

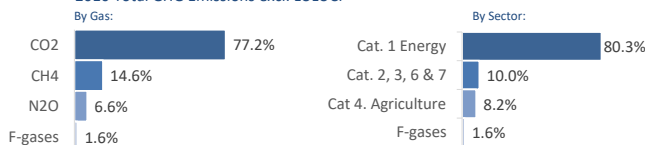
Per-Capita Emissions



GHG Emissions per GDP



2010 Total GHG Emissions excl. LULUCF



GHG Emissions

	1990	2000	2005	2010	2020		2025		2030	
					low	high	low	high	low	high
(MtCO2eq/yr in GWP AR4)										
Assumed LULUCF Accounting Credits (-)/Debits (+)					-	28				
NDC covered LULUCF Emissions	67	0	192	5	156	156	149	149	142	142
NDC covered Emissions excl. LULUCF	611	745	760	722	946	659	877	712	809	765
Total GHG excl. LULUCF	611	745	760	722	946	659	877	712	809	765
Total GHG incl. LULUCF	717	759	1,025	872	790	503	728	563	667	623

Relative GHG Emissions

	1990	2000	2005	2010	2020		2025		2030	
					low	high	low	high	low	high
Total excl. LULUCF										
Relative 1990	100%	122%	124%	118%	155%	108%	144%	116%	132%	125%
Relative 2000	82%	100%	102%	97%	127%	88%	118%	96%	108%	103%
Relative 2005	80%	98%	100%	95%	124%	87%	115%	94%	106%	101%
Relative 2010	85%	103%	105%	100%	131%	91%	122%	99%	112%	106%

Per-Capita Emissions

	1990	2000	2005	2010	2020		2025		2030	
					low	high	low	high	low	high
Total excl. LULUCF										
Population (Mio)	28	31	32	34	38	38	39	39	40	40
Per-Capita Emissions (tCO2eq/cap)	22.1	24.3	23.6	21.2	25.2	17.5	22.5	18.2	20.0	18.9
Relative 1990	100%	110%	107%	96%	114%	79%	102%	82%	91%	86%
Relative 2000	91%	100%	97%	87%	104%	72%	93%	75%	82%	78%
Relative 2005	94%	103%	100%	90%	107%	74%	95%	77%	85%	80%
Relative 2010	104%	115%	111%	100%	119%	83%	106%	86%	95%	90%

a project of Uni Melbourne with PRIMAP at PIK



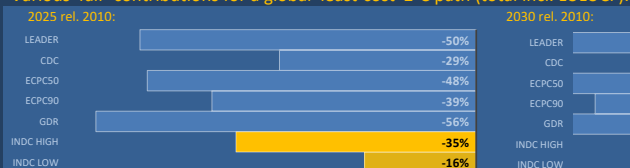
Data Sources:

Cat1_CO2	PRIMAPHIST16	CatSA1_CO2	UNFCCC CRF + Nat. Comms.
Cat2367_CO2	PRIMAPHIST16	CatSA2_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CO2	PRIMAPHIST16	CatSL1NonFNL_CO2	UNFCCC CRF + Nat. Comms.
Cat5_CO2	PRIMAPHIST16	CatSGMCMWML_C	UNFCCC CRF + Nat. Comms.
Cat1_CH4	PRIMAPHIST16	CatSA1ForestFires	UNFCCC Cats + EDGAR(IPCC Database)
Cat2367_CH4	PRIMAPHIST16	CatSA1HWP_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CH4	PRIMAPHIST16	CatSbISA_CO2	UNFCCC CRF + NATCOMM.
Cat5_CH4	PRIMAPHIST16	CatSbISB_CO2	UNFCCC CRF + NATCOMM.
Cat1_N2O	PRIMAPHIST16	CatSbISC_CO2	UNFCCC CRF + NATCOMM.
Cat2367_N2O	PRIMAPHIST16	CatSbISD_CO2	UNFCCC CRF + NATCOMM.
Cat4_N2O	PRIMAPHIST16	CatSbIE_CO2	UNFCCC CRF + NATCOMM.
Cat5_N2O	PRIMAPHIST16	PRO_WM_Cat5_G	UNFCCC Annex I Reports
Cat0_HFCs	PRIMAPHIST16		
Cat0_PFCs	PRIMAPHIST16		Metric GWP AR4
Cat0_SF6	PRIMAPHIST16		
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-hst/		
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 misjudgments are our own. Malte Meinshausen & Ryan Alexander		
This Factsheet is available at	www.climatecollege.unimelb.edu.au/indc-factsheets. Check out as well: www.climateactiontracker.org, www.mitigation-contributions.org, caft.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):



More info on www.mitigation-contributions.org

"Fair" contributions for a global 'least-cost' 2°C track:

LEADER	Leader
CDC	-70%
ECPC50	Eq. cum. Per-capita since 1990
ECPC90	Eq. cum. Per-capita since 1990
GDR	Greenhouse Development Rights
#N/A	No available data