

# Liechtenstein

Per-Capita Emissions in 2030 rel. 2015 (excl. LULUCF): **-36%**

NDC 2025

NDC 2030

2015 World Rank

2025 World Rank

2030 World Rank

Share of World Emissions excl. LULUCF (Rank):

0.0% #190

0.0% #189

0.0% #189

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

5.3t #91

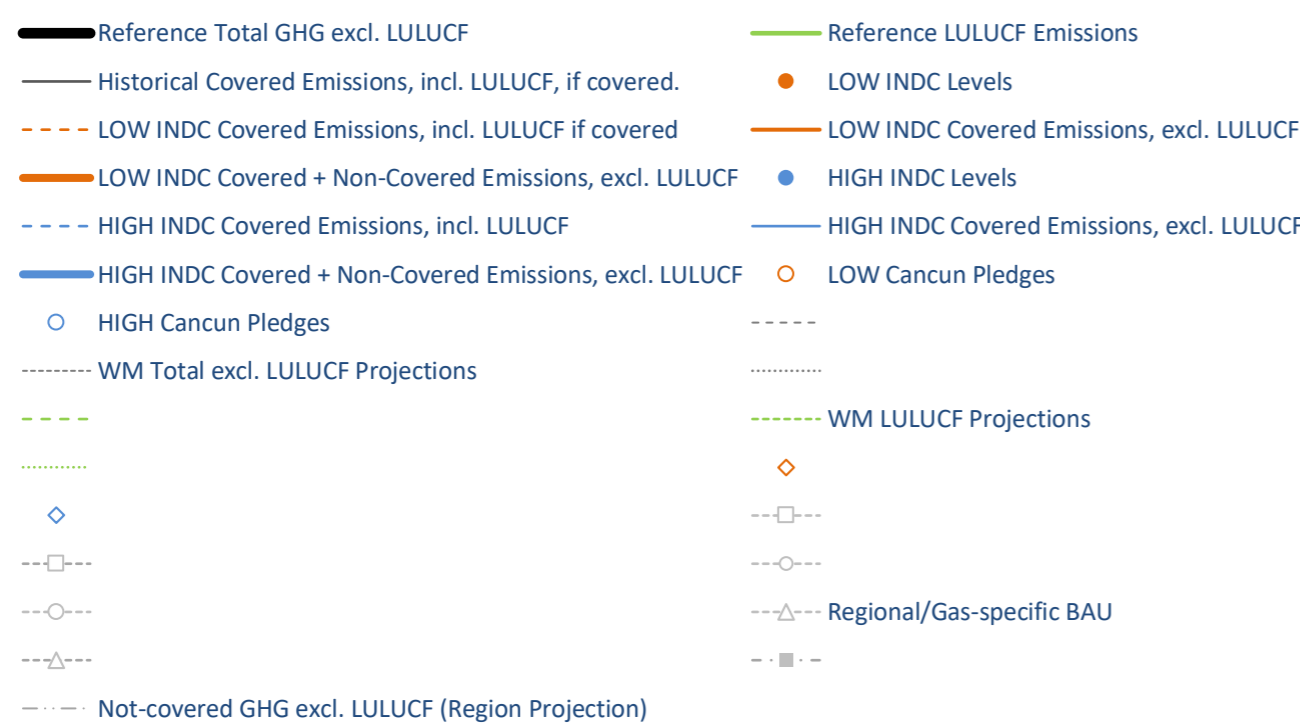
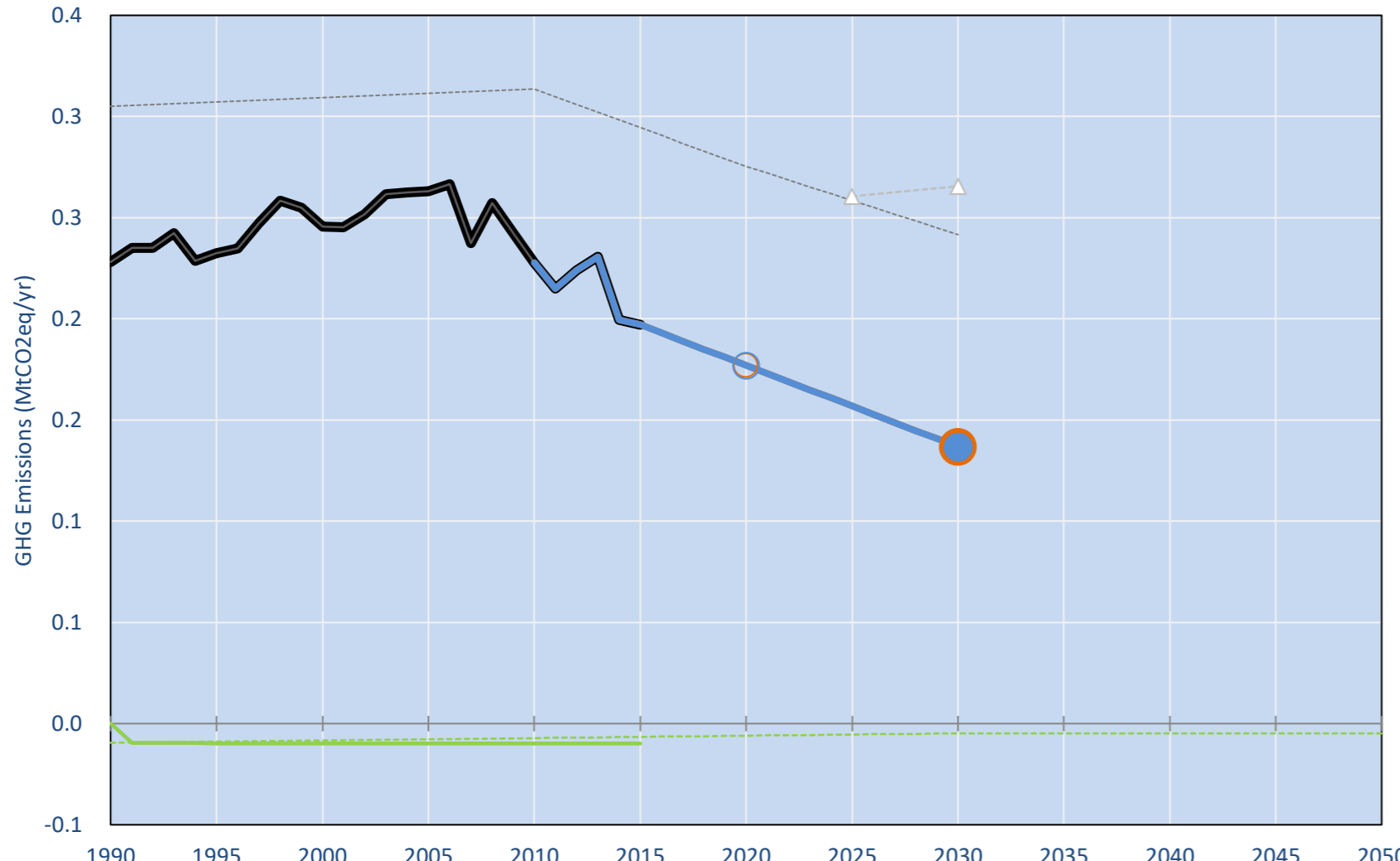
3.9t #109

3.3t #118

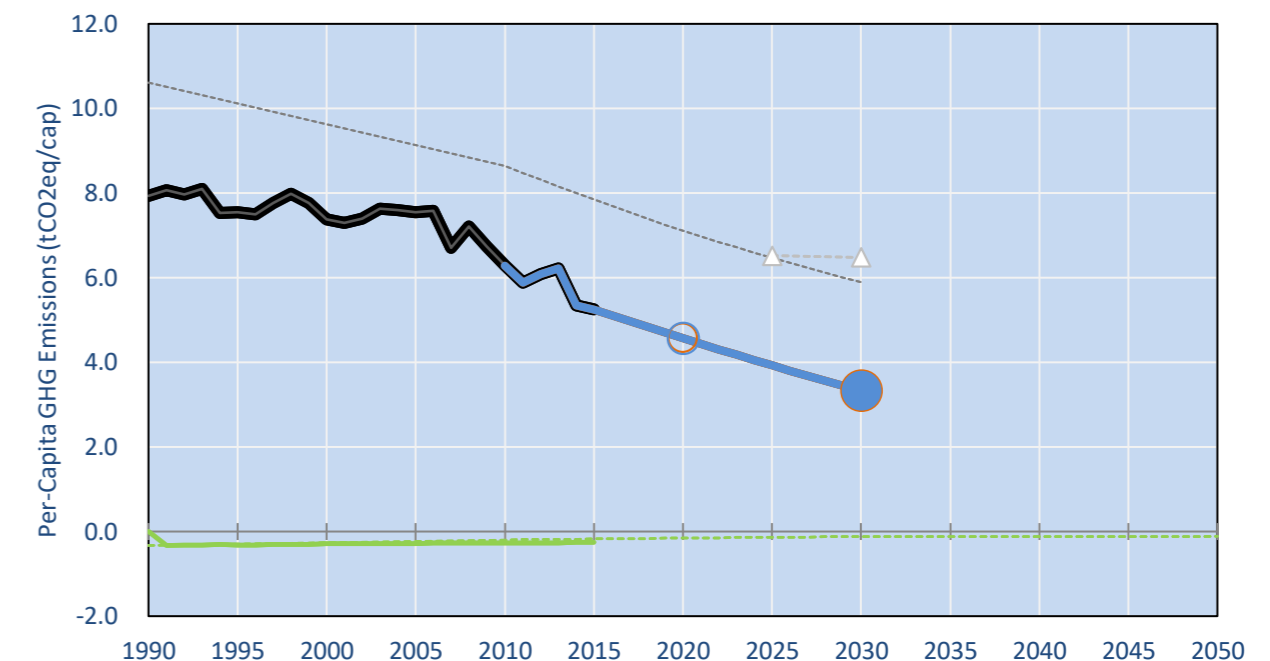
NDC: 40% reduction of GHG emissions by 2030 compared to 1990, subject to the possibility to also achieve emission reductions abroad. (GWP SAR)

INDC Submitted: 23/04/2015

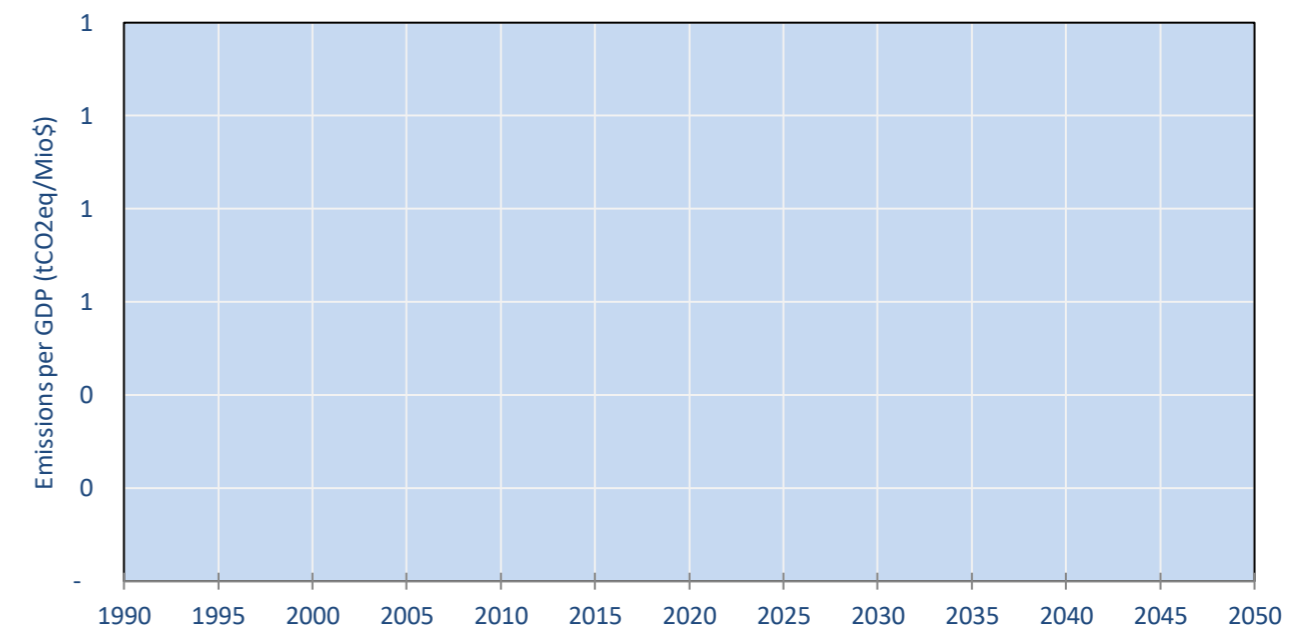
## GHG Emissions



## Per-Capita Emissions

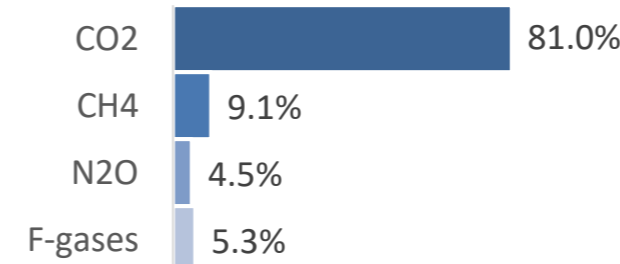


## GHG Emissions per GDP

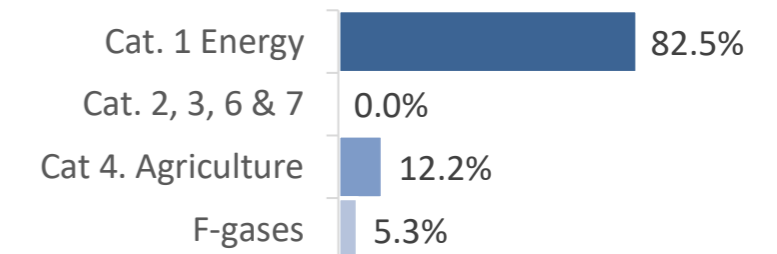


## 2015 Total GHG Emissions excl. LULUCF

By Gas:



By Sector:



## GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
(MtCO <sub>2</sub> eq/yr in GWP AR4)						low	high	low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)						0	0				
NDC covered LULUCF Emissions											
NDC covered Emissions excl. LULUCF	0	0	0	0	0	0	0	0	0	0	0
Total GHG excl. LULUCF	0	0	0	0	0	0	0	0	0	0	0
Total GHG incl. LULUCF	0	0	0	0	0	0	0	0	0	0	0

## Relative GHG Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Relative 1990	100%	108%	115%	100%	86%	78%	78%	69%	69%	60%	60%
Relative 2000	93%	100%	107%	93%	80%	72%	72%	64%	64%	56%	56%
Relative 2005	87%	93%	100%	87%	75%	67%	67%	60%	60%	52%	52%
Relative 2010	100%	108%	115%	100%	86%	78%	78%	69%	69%	60%	60%
Relative 2015	116%	125%	133%	116%	100%	90%	90%	80%	80%	69%	69%

## Per-Capita Emissions

	1990	2000	2005	2010	2015	2020		2025		2030	
Total excl. LULUCF						low	high	low	high	low	high
Population (Mio)	0	0	0	0	0	0	0	0	0	0	0
Per-Capita Emissions (tCO <sub>2</sub> eq/cap)	7.9	7.4	7.5	6.3	5.3	4.6	4.6	3.9	3.9	3.3	3.3
Relative 1990	100%	93%	95%	79%	66%	58%	58%	50%	50%	42%	42%
Relative 2000	107%	100%	102%	85%	71%	62%	62%	53%	53%	45%	45%
Relative 2005	105%	98%	100%	83%	70%	61%	61%	52%	52%	44%	44%
Relative 2010	126%	117%	120%	100%	84%	73%	73%	63%	63%	53%	53%
Relative 2015	151%	141%	144%	120%	100%	87%	87%	75%	75%	64%	64%

## 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 + Nat. Comms.
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 <a href="http://www.climatecollege.unimelb.edu.au/indc-factsheets">www.climatecollege.unimelb.edu.au/indc-factsheets</a> . Check out as well: <a href="http://www.climateactiontracker.org">www.climateactiontracker.org</a> , <a href="http://www.mitigation-contributions.org">www.mitigation-contributions.org</a> , <a href="http://cait.wri.org">cait.wri.org</a> , <a href="http://infographics.pbl.nl/indc">infographics.pbl.nl/indc</a> , <a href="http://live.primap.org">live.primap.org</a> , <a href="http://www.unep.org/climatechange/pledgepipeline">www.unep.org/climatechange/pledgepipeline</a> , and our twitter feed @ClimateCollege			
<a href="http://climatecollege.unimelb.edu.au">climatecollege.unimelb.edu.au</a>			



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

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	<b>-31%</b>	INDC HIGH	<b>-40%</b>
INDC LOW	<b>-31%</b>	INDC LOW	<b>-40%</b>

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

"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**