



### Summary of GHG Emissions for Russian Federation Base year (Convention) = 1990

	Emissions, in kt CO <sub>2</sub> equivalent		
	Base year	2000	Last Inventory Year (2018)
CO <sub>2</sub> emissions without LULUCF	2,525,293.8	1,471,052.2	1,691,360.4
CO <sub>2</sub> net emissions/removals by LULUCF	-109,767.8	-517,293.5	-640,699.7
CO <sub>2</sub> net emissions/removals with LULUCF	2,415,526.0	953,758.8	1,050,660.7
GHG emissions without LULUCF	3,187,507.1	1,901,067.3	2,220,123.0
GHG net emissions/removals by LULUCF	-77,962.8	-480,918.6	-590,573.1
GHG net emissions/removals with LULUCF	3,109,544.3	1,420,148.6	1,629,549.9
Indirect CO <sub>2</sub>	NE,NA,NO	NE,NA,NO	NO,NE,NA

	Changes in emissions, in percent		
	From Base year to 2000	From 2000 to Last Inventory Year (2018)	From Base year to Last Inventory Year (2018)
CO <sub>2</sub> emissions without LULUCF	-41.75%	14.98%	-33.02%
CO <sub>2</sub> net emissions/removals by LULUCF	371.26%	23.86%	483.69%
CO <sub>2</sub> net emissions/removals with LULUCF	-60.52%	10.16%	-56.50%
GHG emissions without LULUCF	-40.36%	16.78%	-30.35%
GHG net emissions/removals by LULUCF	516.86%	22.80%	657.51%
GHG net emissions/removals with LULUCF	-54.33%	14.75%	-47.60%

	Average annual growth rates, in percent per year		
	From Base year to 2000	From 2000 to Last Inventory Year (2018)	From Base year to Last Inventory Year (2018)
CO <sub>2</sub> emissions without LULUCF	-5.26%	0.78%	-1.42%
CO <sub>2</sub> net emissions/removals by LULUCF	16.77%	1.20%	6.50%
CO <sub>2</sub> net emissions/removals with LULUCF	-8.87%	0.54%	-2.93%
GHG emissions without LULUCF	-5.04%	0.87%	-1.28%
GHG net emissions/removals by LULUCF	19.96%	1.15%	7.50%
GHG net emissions/removals with LULUCF	-7.54%	0.77%	-2.28%

The base year under the Climate Change Convention is 1990 except for Bulgaria (1988), Hungary (average of 1985 to 1987), Poland (1988), Romania (1989) and Slovenia (1986), as defined by decisions 9/CP.2 and 11/CP.4.







