

National Totals for SOx																			
Reported until 23.11.2015																			
Country / SOx [Gg]	SP1 base year	1980	1990	1995	2000	2010	2011	2012	2013	SP1 emission reduction target by 1993 (70% of emission level base year)	Compliance with the 1st Sulphur Protocol (1985)	Exceedance by (or reduction %)	SP2 ceiling by 2010	Compliance with the 2nd Sulphur Protocol (1994)	Exceedance by (or reduction %)	GP ceiling by 2010 ratified	Compliance with the Gothenburg Protocol	Exceedance by (or reduction %)	Parties with ceilings/targets
Albania	1980		85.8	44.4	34.0					no base year reported									x
Armenia		141.0	72.0	2.5	8.4														
Austria	1980	343.9	74.5	47.5	31.7	18.7	17.9	17.4	17.2	241	Yes	-93%	78	Yes	-76%				x
Azerbaijan			NE	5.9	9.0	34.9	31.6	30.5	30.3										
Belarus	1980	740.0	637.0	275.0	58.6	63.2	67.6	51.3		518	Yes	-90%							x
Bosnia & Herzegovina	1980	828.0	365.5	258.4	173.7	60.6	53.2	47.5	45.6	580	Yes	-92%				106	Yes	-57%	x
Bulgaria	1980	2,050.0	1,099.0	1,295.2	861.3	386.8	514.6	328.6	194.0	1435	Yes	-86%	1127	Yes	-66%	856	Yes	-77%	x
Canada (national)	1980	4,643.0	3,057.2	2,593.0	2,414.2	1,370.7	1,278.6	1,245.7	1,225.1	3250	Yes	-62%	3200	Yes	-57%				x
Canada (SOMA-SP2 = PEMA-GP)		3,245.0	1,620.0	1,233.7	1,160.6	482.2	485.4	470.0	465.5				1750	Yes	-72%				
Croatia		150.0	170.1	77.3	58.8	34.8	29.0	24.8	16.4				117	Yes	-70%	70	Yes	-77%	x
Cyprus		28.0	32.6	40.7	49.9	22.0	21.0	16.2	13.8				39	Yes	-44%	39	Yes	-65%	x
Czech Republic	1980	2,257.0	1,881.0	1,089.0	224.4	160.3	160.4	154.7	137.9	1580	Yes	-91%	632	Yes	-75%	283	Yes	-51%	x
Denmark	1980	447.4	178.8	146.5	32.4	15.3	14.5	12.9	13.6	313	Yes	-96%	90	Yes	-83%	55	Yes	-75%	x
Estonia	1980	287.0	273.6	116.1	97.0	83.2	72.7	40.6	36.5	201	Yes	-82%							x
Finland	1980	584.0	262.5	99.1	79.3	66.8	61.0	51.4	47.4	409	Yes	-88%	116	Yes	-42%	116	Yes	-59%	x
France	1980	3,165.9	1,288.2	965.9	628.0	285.3	249.0	235.5	218.8	2216	Yes	-90%	737	Yes	-61%	400	Yes	-45%	x
Georgia		230.2	248.3	20.3	3.7	17.1	21.8	17.8	9.5										
Germany	1980	7,514.0	5,307.3	1,704.1	644.9	434.4	430.7	416.7	416.2	5260	Yes	-92%	990	Yes	-56%	550	Yes	-24%	x
Greece		400.0	476.1	540.0	495.9	265.4	262.2	244.9					570	Yes	-53%				x
Hungary	1980	1,632.8	825.3	620.3	427.5	31.2	34.2	30.9	29.3	1143	Yes	-97%	653	Yes	-95%	550	Yes	-95%	x
Iceland		17.8	20.9	19.2	34.6	73.9	72.8	83.9	70.6										
Ireland		222.0	183.7	162.7	142.0	28.3	26.7	25.2	25.4				155	Yes	-82%				x
Italy	1980	3,480.9	1,800.0	1,326.8	753.6	214.9	194.2	174.9	145.1	2423	Yes	-94%	1042	Yes	-79%				x
Kazakhstan			1,156.3	1,083.4	948.0														
Kyrgyzstan			97.0	27.4	26.2	9.3	14.6	15.0											
Latvia			99.5	47.8	15.1	2.6	2.3	2.0	1.5							107	Yes	-99%	x
Liechtenstein	1980	0.39	0.07	0.04	0.04	0.03	0.03	0.03	0.03	0.27	Yes	-90%	0.100	Yes	-69%				x
Lithuania	1980	311.0	169.0	69.2	37.1	20.7	23.2	20.0	18.9	218	Yes	-91%	145	Yes	-86%	145	Yes	-87%	x
Luxembourg	1980	24.0	15.2	8.7	3.3	1.8	1.3	1.5	1.6	17	Yes	-91%	10	Yes	-82%	4	Yes	-61%	x
Malta					24.3	8.1	7.9	7.7	5.0										
Moldova, Republic of		308.0	158.6	14.6	5.3	12.0	11.2	10.3	11.3										
Monaco			0.07	0.08	0.06	0.03	0.02	0.03											
Montenegro			14.0	3.8	13.5	27.8	39.8						0.040	Yes	-25%				x
Netherlands*	1980	490.0	191.8	129.4	73.1	34.1	33.8	34.1	29.9	343	Yes	-91%	106	Yes	-68%	50	Yes	-40%	x
Norway	1980	136.4	52.3	33.8	27.2	19.7	18.8	17.3	17.0	95	Yes	-82%	34	Yes	-42%	22	Yes	-23%	x
Poland		4,100.0	3,210.0	2,255.2	1,451.5	937.3	885.3	858.6	846.8										
Portugal		266.0	314.9	320.8	249.9	53.0	47.8	43.3	42.3										
Romania		1,055.0	1,311.0	932.0	759.0	349.5	320.1	257.7	202.7										
Russia (European part)	1980	7,323.0	4,671.0	2,969.0	1,997.0	1,302.0	1,336.6	1,200.9	1,159.0	5126	Yes	-77%							x
Serbia			489.7	509.9	474.0	422.2	470.4	433.5	429.5										
Slovakia	1980	780.0	526.0	246.0	127.0	69.4	68.3	58.4	53.2	546	Yes	-90%	240	Yes	-71%	110	Yes	-52%	x
Slovenia		234.8	198.7	122.2	92.7	9.9	11.6	10.5	11.3				71	Yes	-86%	27	Yes	-58%	x
Spain (national territory = SP2)		3,014.0	2,169.8	1,854.7	1,495.8	421.1	455.3	402.3	287.1				2143	Yes	-80%				x
Spain (EMEP territory = GP)			2,091.3	1,798.5	1,463.9	400.7	436.1	384.9	272.5							774	Yes	-65%	x
Sweden	1980	491.0	105.4	69.1	41.7	32.0	29.1	28.3	26.8	344	Yes	-92%	100	Yes	-68%	67	Yes	-60%	x
Switzerland	1980	111.5	40.1	26.3	15.4	12.1	10.2	10.4	10.2	78	Yes	-87%	60	Yes	-80%	26	Yes	-61%	x
The FYR of Macedonia	1980	62.9	134.6	101.9	105.6	83.2	101.1	89.4	82.2	44	No	87%	110	Yes	-24%	110	Yes	-25%	x
Turkey		204.5	1,750.3	1,889.8	2,334.5	2,561.0	2,640.5	2,715.9	1,939.1										
Ukraine	1980	3,849.0	2,783.0	1,639.0		1,215.9	1,319.9	1,338.7	1,421.5	2694	Yes	-47%							x
United Kingdom*		4,782.9	3,681.5	2,365.6	1,217.3	427.6	391.0	439.7	393.2				980	Yes	-56%	625	Yes	-37%	x
United States (national)		23,501.0	20,935.0	16,891.0	14,830.0	6,951.0	5,791.0	4,624.0	4,538.0										
United States (PEMA-GP)			20,856.6			6,751.6	5,765.0									16013			x
EU28			25,779.4	16,757.2	10,094.5	4,505.8	4,467.3	4,031.5	3,453.1										
EU15 (GP)			16,414.4	9,988.2	6,061.9	2,361.6	2,271.0	2,181.7	1,890.0							4059	Yes	-53%	x
EU12 (SP2)			15,972.0	9,782.5	5,909.1	2,244.1	2,162.9	2,084.5	1,798.5				9598	Yes	-77%				
EU 28	The data presented for EU28 has been reported by the EU.																		
EU15	Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden, UK																		
EU12	Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, UK																		
US PEMA-GP	48 contiguous United States and District of Columbia (indicative ceiling)																		
Canada SOMA or PEMA	South-east Canada SOMA / PEMA (see Annex III to SP2)																		
Spain EMEP territory	Excluding Canary Islands and cities Ceuta and Melilla in Africa																		
SP1	1st Sulphur Protocol (1985)																		
SP2	2nd Sulphur Protocol (1994)																		
GP	Gothenburg Protocol (1999)																		
*	Reported emissions based on "fuel used" as national total																		