

Chapter 11 - Adjustments and Emissions Reduction Commitments

Emission reduction targets 2010 and Germany's compliance

This section describes the 2010 emission reduction targets established by the original Directive. It transparently explains Germany's (non-)compliance and illustrates the use of the emission reduction targets for 2020 or 2030 are not covered here, since the assessment can only start from 2022 onward.

100 %"

	NO _x , t/a					SO _x , t/a					NMVOC					NH ₃ , t/a				
NATIONAL EMISSION CEILINGS																				
Gothenburg	1,081					550					995					550				
NEC	1,051					520					995					550				
INVENTORY DATA																				
	2010	2016	2017	2018	2019	2010	2016	2017	2018	2019	2010	2016	2017	2018	2019	2010	2016	2017	2018	2019
Inventory Total	1,724.8	1,587.1	1,653.3	1,742.2	1,455.9	323.3	312.2	299.1	1,390.8	1,166.1	317.0	141.4	562.2	677.0	667.6	38.1				
minus 1.B Forest fires	0.06	0.03	0.05	0.29	0.01	0.0	0.0	0.0	0.19	0.11	0.15	0.91	0.02	0.0	0.0	0.08				
minus 1.A.3.a i Cruise	105.8	119.2	131.9	136.3	6.0	6.5	17.1	77.3	1.50	1.48	1.65	1.75	1.22	1.3	31.4	61.5				
minus 1.A.3.a ii Cruise	7.63	7.47	7.25	7.08	0.42	0.3	90.3	70.3	0.46	0.38	0.37	0.36	0.09	0.08	0.08	0.08				
minus 1.A.3.d i	137.8	125.0	106.5	76.5	44.3	4.8	3.6	62.5	93.99	4.01	2.82	1.81	0.03	0.0	30.0	30.02				
National Total for Reporting	1,473.8	1,335.1	1,288.1	1,202.4	1,352.3	311.3	301.7	289.1	1,384.0	1,160.1	131.6	514.1	406.2	675.6	665.6	736.4				
EXCEEDANCES OF SET EMISSION CEILINGS																				
against NEC	422.8	284.9	237.1	51.3	no exceedance					389.0	165.3	170.4	145.3	90.8	125.5	15.8	6.4			
against Gothenburg	392.8	254.9	207.1	21.3	no exceedance					389.0	165.3	170.4	145.3	90.8	125.5	15.8	6.4			
ADJUSTMENTS																				
	NO _x , t/a					SO _x , t/a					NMVOC					NH ₃ , t/a				
	2010	2016	2017	2018	2019	2010	2016	2017	2018	2019	2010	2016	2017	2018	2019	2010	2016	2017	2018	2019
National Total for Reporting	1,473.8	1,335.1	1,288.1	1,202.4	1,352.3	311.3	301.7	289.1	1,384.0	1,160.1	131.6	514.1	406.2	675.6	665.6	736.4				
minus 3.E-A: NOx from 1.A.3.b i	-297.8	-244.3	14.9	174.6																
minus 3.E-B: NOx and NMVOC from 3.B	-1.63	-1.56	-1.55	-1.52						-317.2	-322.8	320.2	316.5							
minus 3.E-C: NOx and NMVOC from 3.D	-114.8	-126.5	123.9	116.9						-9.53	-9.69	-9.74	-7.82							
minus 3.E-D: NOx & NH3 from 3.I Storage of Energy crops	-0.18	-0.18	-0.18	-0.18											-3.04	-3.3	0.3	2.7	3.29	

Gothenburg Protocol to emission reduction commitments or to inventories for the purpose of comparing total national emissions with them URL:

http://www.ceip.at/leadadmin/inhalte/emep/Adjustments/ECE_EB.AIR/2014/10 ECE/EB.AIR/2014/10
EMEP Executive Body Decision 2014/1 - Improving the guidance for adjustments under the Gothenburg Protocol to emission reduction commitments or to inventories for the purpose of comparing total national emissions with them URL:

<http://www.ceip.at/leadadmin/inhalte/emep/Adjustments/CEIP/2014/10 ECE/EB.AIR/2014/10>
Inventories and Projections (CEIP): CEIP/Adjustment RR/2014/GERMANY: Review of the 2014 Adjustment Application by Germany, URL:

https://webdab01.umweltbundesamt.at/download/adjustments2014/Adjustment_Review_Germany_skip=5
August 2014 : 4 : CEIP, 2014b: Centre on Emission Inventories and Projections (CEIP): Review of adjustment applications 2014; URL:

<http://www.ceip.at/leadadmin/inhalte/emep/pdf/2015/ece.eb.air.ge.1.2014.10 ECE/EB.AIR/2014/10>
2014 : 5 : CEIP, 2015a: Centre on Emission Inventories and Projections (CEIP): CEIP/Adjustment RR/2015/GERMANY: Review of the 2015 Adjustment Application by Germany, URL:

https://webdab01.umweltbundesamt.at/download/adjustments2015/Germany_2015_adj.pdf
2015 : 6 : CEIP, 2015b: Centre on Emission Inventories and Projections (CEIP): CEIP/Adjustment RR/2015/GERMANY: Review of the 2015 Adjustment Application by Germany, URL:

<http://www.ceip.at/leadadmin/inhalte/emep/Adjustments/ece.eb.air.ge.1.2015.10 ECE/EB.AIR/2015/10>
2015 : 7 : CEIP, 2016a: Centre on Emission Inventories and Projections (CEIP): Review of the 2016 Adjustment Application by Germany, URL:

https://webdab01.umweltbundesamt.at/download/adjustments2016/Germany2016_adj.pdf
2016 : 8 : CEIP, 2016b: Centre on Emission Inventories and Projections (CEIP): CEIP/Adjustment RR/2016/GERMANY: Review of the 2016 Adjustment Application by Germany, URL:

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2016 : 9 : CEIP, 2017a: Centre on Emission Inventories and Projections (CEIP): ECE/EB.AIR/GE.1/2017/10 ECE/EB.AIR/2017/10

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https://www.ceip.at/leadadmin/inhalte/emep/pdf/2018/ADJ_ece.eb.air.ge.1.2018.10-ece.eb.air.ge.1.2018.10
2018 : 11 : CEIP, 2019a: Centre on Emission Inventories and Projections (CEIP): ECE/EB.AIR/GE.1/2019/10 ECE/EB.AIR/2019/10

https://www.ceip.at/leadadmin/inhalte/emep/pdf/2019/ECE_EB.AIR/GE.1/2019/10 ECE/EB.AIR/2019/10
2019 : 12 : CEIP, 2020a: Centre on Emission Inventories and Projections (CEIP): ECE/EB.AIR/GE.1/2020/10 ECE/EB.AIR/2020/10