

**Table 1: The objectives and time limits to achieve the set objectives to reduce emissions of important pollutants to protect the ambient air, the ozone layer and manage climate changes**

International agreement/ European Union directive	Harmful substance	Time limit to achieve the set objective	Slovak Republic		Slovenia		Czech Republic		Austria	
			Set objective	Assessment of achieving/ possibility to achieve set objectives	Set objective	Assessment of achieving/ possibility to achieve set objectives	Set objective	Assessment of achieving/ possibility to achieve set objectives	Set objective	Assessment of achieving/ possibility to achieve set objectives
<b>Ambient air protection</b>										
The Gothenburg Protocol, Directive of the EP and Council 2001/81/EC on National Emission Ceilings for Certain Atmospheric Pollutants	Nitrogen oxides	2010	130 thousand tons per year	high possibility	45 thousand tons per year	low possibility	286 thousand tons per year	medium possibility	/	/
	Volatile organic compounds	2010	140 thousand tons per year	high possibility	40 thousand tons per year	high possibility	220 thousand tons per year	high possibility	/	/
	Sulphur dioxide	2010	110 thousand tons per year	high possibility	27 thousand tons per year	high possibility	265 thousand tons per year	high possibility	/	/
	Ammonia	2010	39 thousand tons per year	high possibility	20 thousand tons per year	high possibility	80 thousand tons per year	high possibility	/	/
Directive of the Council 96/62/EC on Ambient Air Quality	Permitted daily values and alert thresholds for concentrations of sulphur dioxide	2005	350 micrograms per cubic metre per hour*; 125 micrograms per cubic metre per hour**	yes	350 micrograms per cubic metre per hour*; 125 micrograms per cubic metre per hour**	yes	350 micrograms per cubic metre per hour*; 125 micrograms per cubic metre per hour**	yes	/	/
	Permitted daily values and alert thresholds for concentrations of particulate matter (PM 10)	2005	50 micrograms per cubic metre per day***; 40 micrograms per cubic metre per year	no	50 micrograms per cubic metre per day***; 40 micrograms per cubic metre per year	no	50 micrograms per cubic metre per day***; 40 micrograms per cubic metre per year	no	/	/

International agreement/ European Union directive	Harmful substance	Time limit to achieve the set objective	Slovak Republic		Slovenia		Czech Republic		Austria	
			Set objective	Assessment of achieving/ possibility to achieve set objectives	Set objective	Assessment of achieving/ possibility to achieve set objectives	Set objective	Assessment of achieving/ possibility to achieve set objectives	Set objective	Assessment of achieving/ possibility to achieve set objectives
<b>Ozone layer protection</b>										
The Montreal Protocol with accompanying amendments and the Regulation of the EP and Council 2037/2000/EC on Substances that Deplete the Ozone Layer	Hydrochlorofluorocarbons, other fully halogenated hydrochlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, and partially halogenated hydrobromofluorocarbons <sup>1</sup>	1996 and following	Prohibition on production, imports, use and marketing	yes	Prohibition on production imports, use and marketing	yes	Prohibition on production imports, use and marketing	yes	/	/
	Halons and hydrochlorofluorocarbons	2002, 2005, 2006	Controlled capture	yes	Controlled capture	no	Controlled capture	yes	/	/
<b>Climate change management</b>										
The Kyoto Protocol	Greenhouse gases <sup>2</sup>	2008 - 2012	Reduction of annual emission quantities by 8 percent according to the base year****	high possibility	Reduction of annual emission quantities by 8 percent according to the base year****	low possibility	Reduction of annual emission quantities by 8 percent according to the base year****	high possibility	Reduction of annual emission quantities by 13 percent according to the base year****	low possibility

**Source:** The Gothenburg Protocol, the Montreal Protocol with amendments, the Kyoto Protocol, the Directive of the EP and Council 2001/81/EC on National Emission Ceilings for Certain Atmospheric Pollutants, the Directive of the Council 96/62/EC on Ambient Air Quality, and the Regulation of the EP and Council 2037/2000/EC on Substances that Deplete the Ozone Layer.

**Legend:**

\* Hourly concentration may be exceeded 24 times per year.

\*\* Daily concentration may be exceeded 3 times per year.

\*\*\* Daily concentration may be exceeded 35 times per year.

\*\*\*\* The base year for Slovak Republic, Czech Republic and Austria is 1990 for all greenhouse gases, whereas for Slovenia for carbon dioxide, methane and dinitrous oxide the base year is the year 1986, and for hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride the year 1990.

<sup>1</sup> The list of harmful substances in national legislation might be broader.

<sup>2</sup> Greenhouse gases are carbon dioxide, methane, dinitrous oxide, hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride. Due to comparability all greenhouse gases are expressed by the carbon dioxide equivalent obtained by multiplying the quantity of a greenhouse gas with its global warming potential.