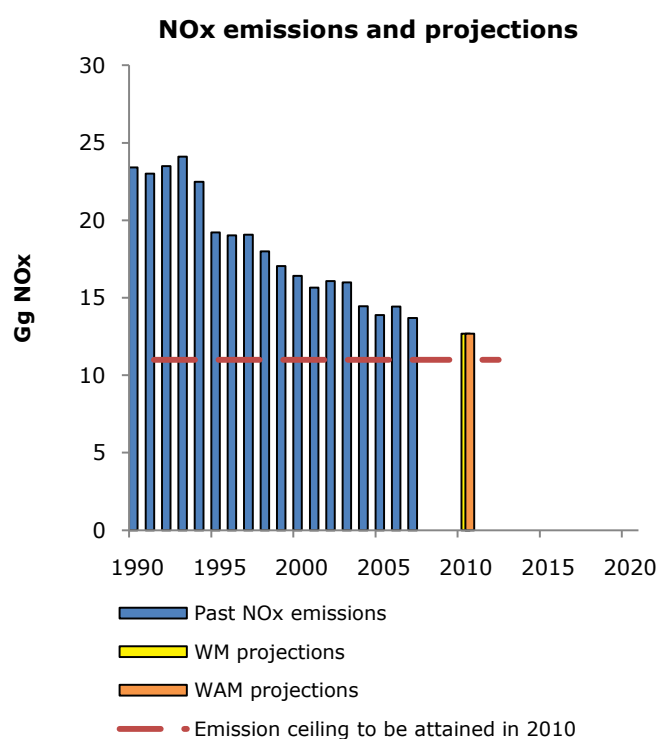


## NOx emission trends and projections in Luxembourg

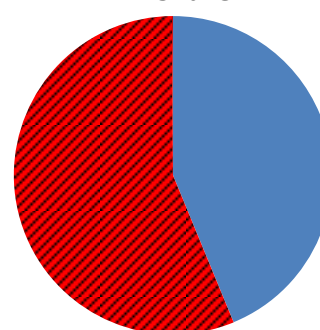
NOx emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NOx emissions 1990	23.4	(Gg)	17 (19)
	Total NOx emissions 2007	13.7	(Gg)	26 (27)
	NOx emissions in 2007 per capita	28.5	(kg/cap.)	5 (27)
	NOx emissions per GDP in 2007 (current prices)	0.4	(g/euro)	27 (27)
Share of NOx in EU-27 in 2007	0.1	%		

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	11	(Gg)	
	2010 WM projections (existing measures in place)	12.7	(Gg)	
	2010 projected effect of (planned) additional measures	0.0	(Gg)	
		<b>Absolute</b>	<b>Unit</b>	<b>Relative (%)</b>
Distance to NOx emission ceiling in 2007	2.7	(Gg)	24.5	
Comparison of 2010 emission ceiling with WM projections 2010	1.7	(Gg)	15.2	



## NOx emissions 2007: sectoral share



- Energy use & supply excl. Transport (44%)
- Road Transport (56%)
- Other Transport (0%)
- Industrial Processes (0%)
- Agriculture (0%)
- Waste (0%)
- Other (0%)

NOx trends	Trend of total NOx emissions	Absolute	Unit	Relative (%)
	Trend of total NOx emissions, 2006-2007	- 0.7	(Gg)	-5.1
	Trend of total NOx emissions, 1990-2007	- 9.7	(Gg)	-41.5
	Trend of NOx emissions per capita, 2000-2007	-9.1	(kg/cap.)	-24.2
	Trend of NOx emissions per GDP, 2000-2007	-0.4	(g/euro)	-49.6

\* 1 = highest value; the number in brackets shows the number of Member States that reported data.

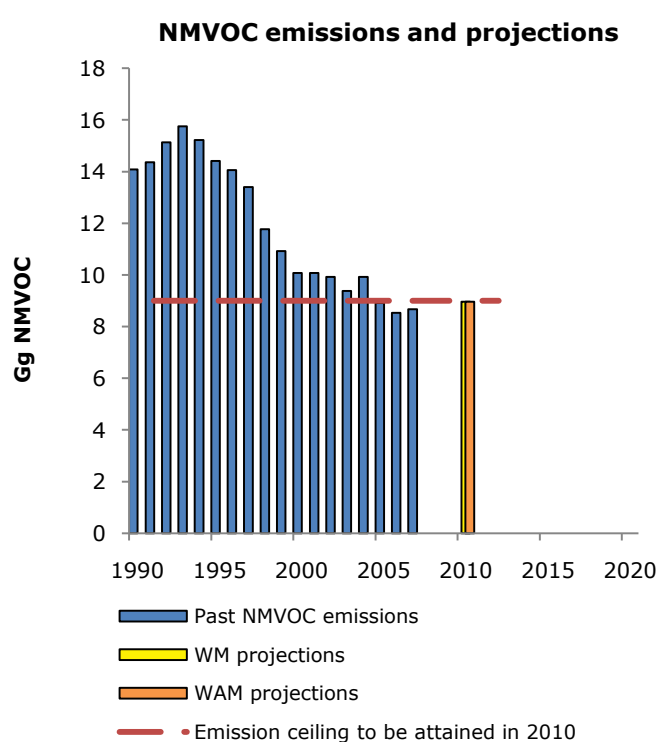
GDP and population data from Eurostat <http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home> accessed: 06.05.2009

## NMVO emission trends and projections in Luxembourg

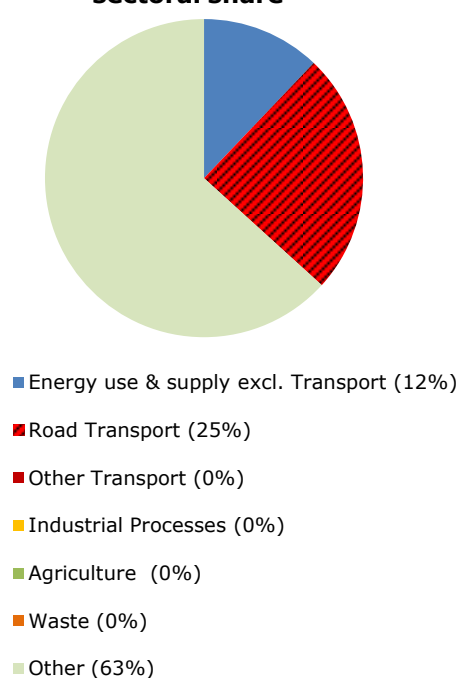
NMVO emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NMVO emissions 1990	14.1	(Gg)	17 (19)
	Total NMVO emissions 2007	8.7	(Gg)	25 (27)
	NMVO emissions in 2007 per capita	18.1	(kg/cap.)	16 (27)
	NMVO emissions per GDP in 2007 (current prices)	0.2	(g/euro)	27 (27)
Share of NMVO in EU-27 in 2007	0.1	%		

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	9	(Gg)	
	2010 WM projections (existing measures in place)	9.0	(Gg)	
	2010 projected effect of (planned) additional measures	0.0	(Gg)	
		<b>Absolute</b>	<b>Unit</b>	<b>Relative (%)</b>
Distance to NMVO emission ceiling in 2007	-0.3	(Gg)	-3.7	
Comparison of 2010 emission ceiling with WM projections 2010	0.0	(Gg)	-0.4	



**NMVO emissions 2007: sectoral share**



NMVO trends	Trend of total NMVO emissions	Absolute	Unit	Relative (%)
	Trend of total NMVO emissions, 2006-2007	0.1	(Gg)	1.6
	Trend of total NMVO emissions, 1990-2007	- 5.4	(Gg)	-38.5
	Trend of NMVO emissions per capita, 2000-2007	-5.0	(kg/cap.)	-21.8
	Trend of NMVO emissions per GDP, 2000-2007	-0.2	(g/euro)	-48.0

\* 1 = highest value; the number in brackets shows the number of Member States that reported data.

GDP and population data from Eurostat <http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home> accessed: 06.05.2009

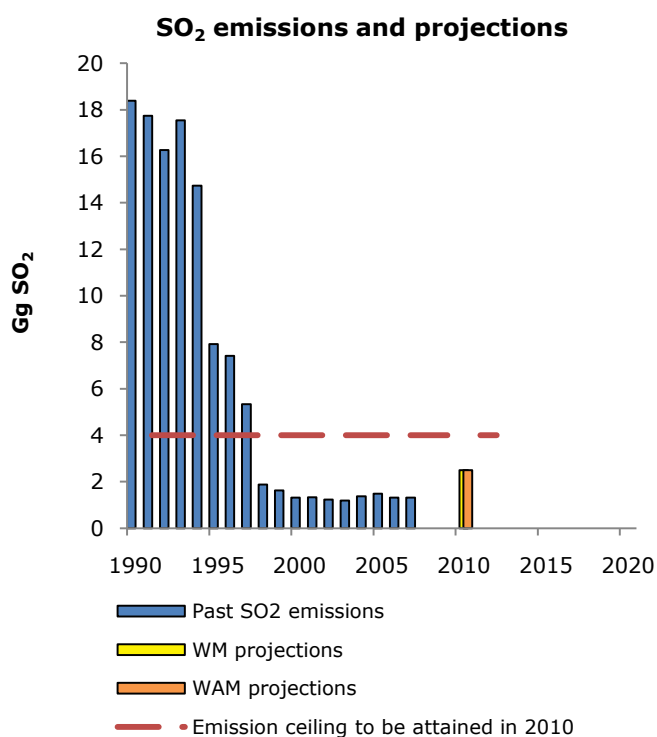
## Luxembourg

### SO<sub>2</sub> emission trends and projections in Luxembourg

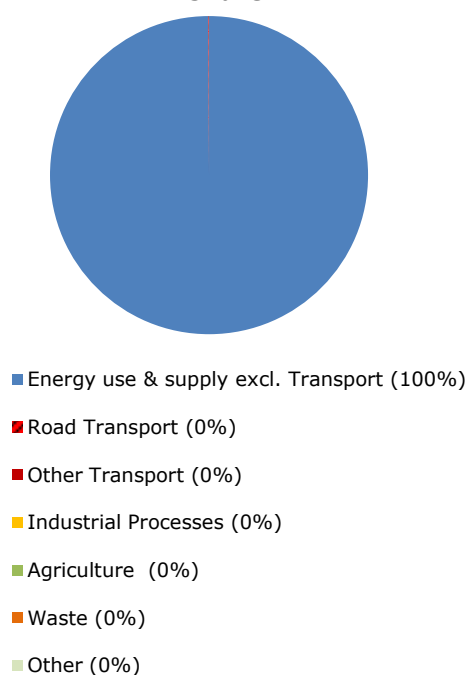
SO <sub>2</sub> emission profile	Key data	Value	Unit	Rank in EU-27*
	Total SO <sub>2</sub> emissions 1990	18.4	(Gg)	19 (19)
	Total SO <sub>2</sub> emissions 2007	1.3	(Gg)	27 (27)
	SO <sub>2</sub> emissions in 2007 per capita	2.7	(kg/cap.)	26 (27)
	SO <sub>2</sub> emissions per GDP in 2007 (current prices)	0.0	(g/euro)	27 (27)
Share of SO <sub>2</sub> in EU-27 in 2007	0.0	%		

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	4	(Gg)	
	2010 WM projections (existing measures in place)	2.5	(Gg)	
	2010 projected effect of (planned) additional measures	0.0	(Gg)	
		<b>Absolute</b>	<b>Unit</b>	<b>Relative (%)</b>
Distance to SO <sub>2</sub> emission ceiling in 2007	-2.7	(Gg)	-67.2	
Comparison of 2010 emission ceiling with WM projections 2010	-1.5	(Gg)	-37.5	



**SO<sub>2</sub> emissions 2007: sectoral share**



SO <sub>2</sub> trends	Trend of total SO <sub>2</sub> emissions	Absolute	Unit	Relative (%)
	Trend of total SO <sub>2</sub> emissions, 2006-2007	0.0	(Gg)	-0.6
	Trend of total SO <sub>2</sub> emissions, 1990-2007	- 17.1	(Gg)	-92.9
	Trend of SO <sub>2</sub> emissions per capita, 2000-2007	-0.3	(kg/cap.)	-9.8
	Trend of SO <sub>2</sub> emissions per GDP, 2000-2007	0.0	(g/euro)	-40.1

\* 1 = highest value; the number in brackets shows the number of Member States that reported data.

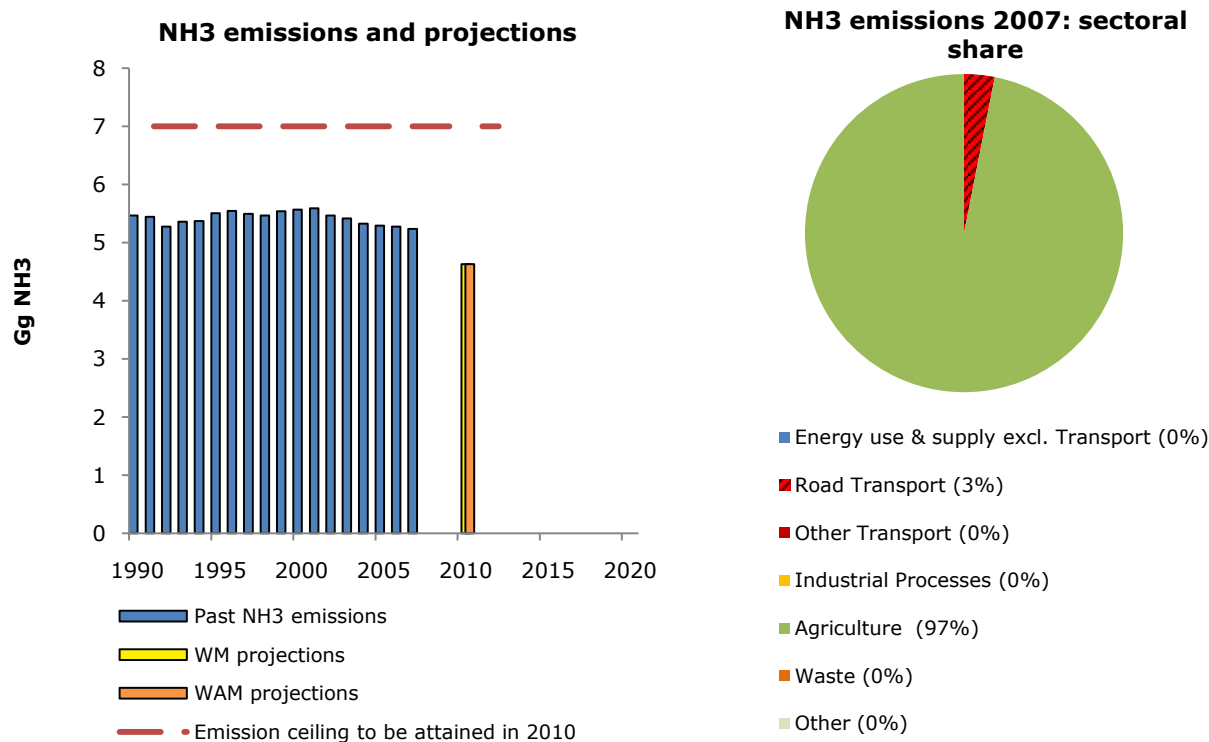
GDP and population data from Eurostat <http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home> accessed: 06.05.2009

## NH3 emission trends and projections in Luxembourg

NH3 emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NH3 emissions 1990	5.5	(Gg)	17 (18)
	Total NH3 emissions 2007	5.2	(Gg)	25 (27)
	NH3 emissions in 2007 per capita	10.9	(kg/cap.)	5 (27)
	NH3 emissions per GDP in 2007 (current prices)	0.1	(g/euro)	26 (27)
Share of NH3 in EU-27 in 2007	0.1	%		

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	7	(Gg)	
	2010 WM projections (existing measures in place)	4.6	(Gg)	
	2010 projected effect of (planned) additional measures	0.0	(Gg)	
		<b>Absolute</b>	<b>Unit</b>	<b>Relative (%)</b>
Distance to NH3 emission ceiling in 2007	-1.8	(Gg)	-25.2	
Comparison of 2010 emission ceiling with WM projections 2010	-2.4	(Gg)	-33.9	



NH3 trends	Trend of total NH3 emissions	Absolute	Unit	Relative (%)
	Trend of total NH3 emissions, 2006-2007	0.0	(Gg)	-0.7
	Trend of total NH3 emissions, 1990-2007	- 0.2	(Gg)	-4.2
	Trend of NH3 emissions per capita, 2000-2007	-1.8	(kg/cap.)	-14.5
	Trend of NH3 emissions per GDP, 2000-2007	-0.1	(g/euro)	-43.2

\* 1 = highest value; the number in brackets shows the number of Member States that reported data.

GDP and population data from Eurostat <http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home> accessed: 06.05.2009