

Belgium

	Scenario	In/excl. ACEA agreement in the baseline	Allocation of industrial boilers
BEwACEA1	Member State based objectives	including ACEA agreement in the baseline	industrial boilers allocated to industrial sectors
BEwACEA2	Member State based objectives	including ACEA agreement in the baseline	industrial boilers allocated to energy industries

Source: PRIMES/ECOFYS 2001

http://europa.eu.int/comm/environment/enveco/climate_change/sectoral_objectives.htm

BELGIUM (Burden Sharing scenario including ACEA agreement)
industrial boilers allocated to industrial sectors
marginal cost: 91.82 Euro'99 per t of CO2 eq.

Emission (Mt of CO2 equivalent)	Direct emissions (Mt CO2 eq.)					Indirect emissions (Mt CO2 eq.)					Direct and indirect emissions (Mt CO2 eq.)					Reduction Direct Emission reduction from baseline levels (Mt CO2 eq.)
	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	
Energy supply																
CO2 (fuel related)	27.1	28.8	22.9	-15.5%	-20.4%						0.0	0.0	0.0	-	-	5.9
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.1	0.1	0.1	0.0%	0.0%						0.1	0.1	0.1	0.0%	0.0%	0.0
N2O	2.2	1.5	1.4	-33.8%	-6.7%						2.2	1.5	1.4	-33.8%	-6.7%	0.1
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-20.0%	-20.0%						0.0	0.0	0.0	-20.0%	-20.0%	0.0
Sub-total	29.4	30.5	24.5	-16.7%	-19.7%						2.3	1.7	1.6	-31.6%	-6.2%	6.0
Fossil fuel extraction, transport and distribution																
CO2 (fuel related)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	1.1	1.1	0.9	-22.7%	-25.1%						1.1	1.1	0.9	-22.7%	-25.1%	0.3
N2O	0.3	0.3	0.3	0.0%	0.0%						0.3	0.3	0.3	0.0%	0.0%	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	1.4	1.5	1.2	-17.7%	-19.8%						1.4	1.5	1.2	-17.7%	-19.8%	0.3
Industry																
CO2 (fuel related)	29.0	28.6	20.5	-29.1%	-28.3%	14.7	16.1	13.6	-7.1%	-15.7%	43.6	44.8	34.2	-21.7%	-23.7%	8.1
CO2 (other)	9.2	10.5	10.5	14.6%	-0.2%						9.2	10.5	10.5	14.6%	-0.2%	0.0
CH4	0.1	0.1	0.1	0.0%	0.0%						0.1	0.1	0.1	0.0%	0.0%	0.0
N2O	3.4	3.1	1.6	-53.9%	-49.5%						3.4	3.1	1.6	-53.9%	-49.5%	1.5
HFC	0.5	1.3	0.7	26.0%	-50.1%						0.5	1.3	0.7	26.0%	-50.1%	0.7
PFC	0.0	0.3	0.1	210.0%	-61.9%						0.0	0.3	0.1	210.0%	-61.9%	0.2
SF6	0.0	0.0	0.0	-100.0%	-100.0%						0.0	0.0	0.0	-100.0%	-100.0%	0.0
Sub-total	42.2	44.0	33.5	-20.7%	-23.8%	14.7	16.1	13.6	-7.1%	-15.7%	56.9	60.1	47.1	-17.2%	-21.6%	10.5
Transport																
CO2 (fuel related)	22.6	30.8	27.3	20.7%	-11.4%	0.6	0.7	0.6	1.2%	-23.5%	23.2	31.6	27.9	20.3%	-11.7%	3.5
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.2	0.1	0.1	-35.0%	0.0%						0.2	0.1	0.1	-35.0%	0.0%	0.0
N2O	0.3	0.6	0.6	108.0%	0.0%						0.3	0.6	0.6	108.0%	0.0%	0.0
HFC	0.0	0.8	0.4	845.2%	-52.6%						0.0	0.8	0.4	845.2%	-52.6%	0.4
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	23.2	32.4	28.4	22.8%	-12.1%	0.6	0.7	0.6	1.2%	-23.5%	23.7	33.1	29.0	22.3%	-12.4%	3.9
Households																
CO2 (fuel related)	18.7	19.2	15.5	-16.9%	-19.4%	8.4	7.8	6.0	-27.9%	-22.6%	27.1	27.0	21.5	-20.3%	-20.3%	3.7
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.1	0.0	-	-84.9%						0.0	0.1	0.0	-	-84.9%	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	18.7	19.3	15.5	-16.9%	-19.6%	8.4	7.8	6.0	-27.9%	-22.6%	27.1	27.1	21.6	-20.3%	-20.4%	3.8
Services																
CO2 (fuel related)	7.3	13.9	11.0	52.2%	-20.8%	3.5	4.1	2.7	-23.2%	-34.6%	10.8	18.1	13.7	27.7%	-23.9%	2.9
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.2	0.1	-	-44.9%						0.0	0.2	0.1	-	-44.9%	0.1
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	7.3	14.1	11.1	53.6%	-21.1%	3.5	4.1	2.7	-23.2%	-34.6%	10.8	18.2	13.8	28.6%	-24.1%	3.0
Agriculture																
CO2 (fuel related)	0.1	0.2	0.2	38.9%	-15.5%	0.0	0.0	0.0	-	-	0.1	0.2	0.2	38.9%	-15.5%	0.0
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	8.1	6.7	6.3	-23.0%	-5.8%						8.1	6.7	6.3	-23.0%	-5.8%	0.4
N2O	3.4	3.4	3.3	-2.0%	-3.0%						3.4	3.4	3.3	-2.0%	-3.0%	0.1
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	11.7	10.3	9.8	-16.2%	-5.1%	0.0	0.0	0.0	-	-	11.7	10.3	9.8	-16.2%	-5.1%	0.5
Waste																
CO2 (fuel related)	0.0	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0
CO2 (other)	1.0	1.0	1.0	0.0%	0.0%						1.0	1.0	1.0	0.0%	0.0%	0.0
CH4	3.7	3.8	3.0	-16.9%	-20.1%						3.7	3.8	3.0	-16.9%	-20.1%	0.8
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	4.6	4.8	4.0	-13.3%	-15.9%	0.0	0.0	0.0	-	-	4.6	4.8	4.0	-13.3%	-15.9%	0.8
All sectors																
CO2 (fuel related)	104.8	121.7	97.5	-6.9%	-19.9%						104.8	121.7	97.5	-6.9%	-19.9%	24.2
CO2 (other)	10.2	11.5	11.5	13.2%	-0.2%						10.2	11.5	11.5	13.2%	-0.2%	0.0
CH4	13.3	12.0	10.5	-21.1%	-12.0%						13.3	12.0	10.5	-21.1%	-12.0%	1.4
N2O	9.6	9.0	7.3	-24.0%	-19.3%						9.6	9.0	7.3	-24.0%	-19.3%	1.7
HFC	0.6	2.3	1.1	101.5%	-51.3%						0.6	2.3	1.1	101.5%	-51.3%	1.2
PFC	0.0	0.3	0.1	210.0%	-61.9%						0.0	0.3	0.1	210.0%	-61.9%	0.2
SF6	0.0	0.0	0.0	-20.6%	-21.7%						0.0	0.0	0.0	-20.6%	-21.7%	0.0
Total	138.5	156.8	128.1	-7.5%	-18.3%						138.5	156.8	128.1	-7.5%	-18.3%	28.7

BELGIUM (Burden Sharing scenario including ACEA agreement)
industrial boilers allocated to industrial sectors

marginal cost: 91.82 Euro'99 per t of CO2 eq.

Industrial sectors

Emission (Mt of CO2 equivalent)	Direct emissions (Mt CO2 eq.)					Indirect emissions (Mt CO2 eq.)					Direct and indirect emissions (Mt CO2 eq.)					Reduction Direct Emission reduction from baseline levels (Mt CO2 eq.)
	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	
Iron and steel																
CO2 (fuel related)	16.7	14.4	10.9	-34.8%	-24.1%	2.3	2.1	1.8	-24.8%	-16.2%	19.1	16.5	12.7	-33.5%	-23.1%	3.5
CO2 (other)	1.7	1.8	1.8	4.0%	0.0%						1.7	1.8	1.8	4.0%	0.0%	0.0
CH4	0.1	0.1	0.1	0.0%	0.0%						0.1	0.1	0.1	0.0%	0.0%	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	18.5	16.2	12.8	-31.0%	-21.4%	2.3	2.1	1.8	-24.8%	-16.2%	20.9	18.3	14.5	-30.3%	-20.8%	3.5
Non-ferrous metals																
CO2 (fuel related)	0.5	0.7	0.6	34.5%	-12.0%	0.9	0.7	0.5	-44.4%	-26.0%	1.4	1.4	1.2	-18.2%	-18.9%	0.1
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-100.0%	-100.0%						0.0	0.0	0.0	-100.0%	-100.0%	0.0
Sub-total	0.5	0.7	0.6	34.4%	-12.0%	0.9	0.7	0.5	-44.4%	-26.0%	1.4	1.4	1.2	-18.2%	-18.9%	0.1
Chemicals																
CO2 (fuel related)	3.6	3.6	1.4	-60.7%	-60.4%	5.1	5.9	5.3	5.0%	-10.3%	8.7	9.5	6.8	-22.4%	-29.2%	2.2
CO2 (other)	0.7	0.9	0.9	25.0%	0.0%						0.7	0.9	0.9	25.0%	0.0%	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	3.4	3.1	1.6	-53.9%	-49.5%						3.4	3.1	1.6	-53.9%	-49.5%	1.5
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	7.7	7.6	3.9	-50.0%	-49.0%	5.1	5.9	5.3	5.0%	-10.3%	12.8	13.5	9.2	-28.2%	-32.0%	3.7
Building Materials																
CO2 (fuel related)	3.1	3.9	3.3	6.6%	-13.8%	0.9	0.8	0.6	-37.9%	-29.9%	4.1	4.7	3.9	-3.7%	-16.6%	0.5
CO2 (other)	4.8	5.4	5.4	12.6%	-0.4%						4.8	5.4	5.4	12.6%	-0.4%	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	7.9	9.3	8.7	10.2%	-5.9%	0.9	0.8	0.6	-37.9%	-29.9%	8.9	10.1	9.3	5.2%	-7.9%	0.6
Paper and Pulp																
CO2 (fuel related)	0.5	0.4	0.0	-92.3%	-91.0%	0.9	1.5	1.3	37.2%	-11.8%	1.5	1.9	1.3	-7.9%	-29.9%	0.4
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	0.5	0.4	0.0	-92.3%	-91.0%	0.9	1.5	1.3	37.2%	-11.8%	1.5	1.9	1.3	-7.9%	-29.9%	0.4
Food, drink and tobacco																
CO2 (fuel related)	1.4	0.9	0.2	-83.9%	-74.9%	1.3	1.8	1.7	30.7%	-10.7%	2.7	2.8	1.9	-30.4%	-32.0%	0.7
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.1	0.0	-	-100.0%						0.0	0.1	0.0	-	-100.0%	0.1
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	1.4	1.0	0.2	-83.9%	-77.7%	1.3	1.8	1.7	30.7%	-10.7%	2.7	2.9	1.9	-30.4%	-34.8%	0.8
Other industries																
CO2 (fuel related)	3.1	4.7	4.0	29.1%	-15.8%	3.1	3.2	2.5	-21.8%	-23.8%	6.2	8.0	6.4	3.4%	-19.0%	0.7
CO2 (other)	2.0	2.5	2.5	25.0%	0.0%						2.0	2.5	2.5	25.0%	0.0%	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.5	1.2	0.7	26.0%	-45.2%						0.5	1.2	0.7	26.0%	-45.2%	0.5
PFC	0.0	0.3	0.1	210.0%	-61.9%						0.0	0.3	0.1	210.0%	-61.9%	0.2
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	5.6	8.7	7.2	28.5%	-16.8%	3.1	3.2	2.5	-21.8%	-23.8%	8.7	11.9	9.7	10.4%	-18.7%	1.5
Total industry																
CO2 (fuel related)	29.0	28.6	20.5	-29.1%	-28.3%	14.7	16.1	13.6	-7.1%	-15.7%	43.6	44.8	34.2	-21.7%	-23.7%	8.1
CO2 (other)	9.2	10.5	10.5	14.6%	-0.2%						9.2	10.5	10.5	14.6%	-0.2%	0.0
CH4	0.1	0.1	0.1	0.0%	0.0%						0.1	0.1	0.1	0.0%	0.0%	0.0
N2O	3.4	3.1	1.6	-53.9%	-49.5%						3.4	3.1	1.6	-53.9%	-49.5%	1.5
HFC	0.5	1.3	0.7	26.0%	-50.1%						0.5	1.3	0.7	26.0%	-50.1%	0.7
PFC	0.0	0.3	0.1	210.0%	-61.9%						0.0	0.3	0.1	210.0%	-61.9%	0.2
SF6	0.0	0.0	0.0	-100.0%	-100.0%						0.0	0.0	0.0	-100.0%	-100.0%	0.0
Total industry	42.2	44.0	33.5	-20.7%	-23.8%	14.7	16.1	13.6	-7.1%	-15.7%	56.9	60.1	47.1	-17.2%	-21.6%	10.5

BELGIUM (Burden Sharing scenario including ACEA agreement)
industrial boilers allocated to industrial sectors
marginal cost: 91.82 Euro'99 per t of CO2 eq.
Transport sector (CO2)

Emission (Mt of CO2 equivalent)	Direct emissions (Mt CO2 eq.)					Indirect emissions (Mt CO2 eq.)					Direct and indirect emissions (Mt CO2 eq.)					Reduction Direct Emission reduction from baseline levels (Mt CO2 eq.)
	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	
by transport mean																
road	19.2	25.0	23.4	21.9%	-6.7%	0.6	0.7	0.6	1.2%	-23.5%	19.2	25.0	23.4	21.9%	-6.7%	1.7
train	0.2	0.0	0.0	-83.8%	-22.3%						0.8	0.8	0.6	-22.3%	-23.4%	0.0
aviation	2.8	4.8	3.0	6.3%	-37.0%						2.8	4.8	3.0	6.3%	-37.0%	1.8
inl. navigation	0.4	1.0	0.9	125.5%	-7.6%						0.4	1.0	0.9	125.5%	-7.6%	0.1
by transport activity (base year: 1995)																
passenger	15.9	19.2	16.8	5.4%	-12.9%						15.9	19.2	16.8	5.4%	-12.9%	2.5
freight	9.0	11.6	10.6	16.9%	-9.0%						9.0	11.6	10.6	16.9%	-9.0%	1.0
Sub-total	22.6	30.8	27.3	20.7%	-11.4%	0.6	0.7	0.6	1.2%	-23.5%	23.2	31.6	27.9	20.3%	-11.7%	3.5

BELGIUM (Burden Sharing scenario including ACEA agreement)
industrial boilers allocated to industrial sectors
marginal cost: 91.82 Euro'99 per t of CO2 eq.
Energy supply (CO2)

Emission (Mt of CO2 equivalent)	Direct emissions (Mt CO2 eq.)					Indirect emissions (Mt CO2 eq.)					Direct and indirect emissions (Mt CO2 eq.)					Reduction Direct Emission reduction from baseline levels (Mt CO2 eq.)
	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	
by generator																
industrial generators	2.0	9.3	4.8	136.1%	-48.6%											4.5
other generators	0.0	0.0	0.0	-	-97.8%											0.0
utilities	19.8	15.3	11.5	-41.8%	-24.7%											3.8
boilers in	2.9	2.9	5.4	88.8%	85.8%											-2.5
industry	0.0	0.0	0.0	-	-											0.0
refineries	2.9	2.8	5.4	88.8%	93.7%											-2.6
district heating	0.0	0.1	0.0	-	-99.2%											0.1
fuel extraction and refining	2.4	1.3	1.2	-50.3%	-7.6%											0.1
Sub-total	27.1	28.8	22.9	-15.5%	-20.4%											5.9

BELGIUM (Burden Sharing scenario including ACEA agreement)
industrial boilers allocated to energy industries
marginal cost: 91.82 Euro'99 per t of CO2 eq.

Emission (Mt of CO2 equivalent)	Direct emissions (Mt CO2 eq.)					Indirect emissions (Mt CO2 eq.)					Direct and indirect emissions (Mt CO2 eq.)					Reduction Direct Emission reduction from baseline levels (Mt CO2 eq.)
	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	
Energy supply																
CO2 (fuel related)	30.8	32.1	24.0	-22.1%	-25.4%											8.1
CO2 (other)	0.0	0.0	0	-	-						0.0	0.0	0	-	-	0.0
CH4	0.1	0.1	0.1	0.0%	0.0%						0.1	0.1	0.1	0.0%	0.0%	0.0
N2O	2.2	1.5	1.4	-33.8%	-6.7%						2.2	1.5	1.4	-33.8%	-6.7%	0.1
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-20.0%	-20.0%						0.0	0.0	0.0	-20.0%	-20.0%	0.0
Sub-total	33.1	33.8	25.5	-22.8%	-24.4%						2.3	1.7	1.6	-31.6%	-6.2%	8.2
Fossil fuel extraction, transport and distribution																
CO2 (fuel related)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CO2 (other)	0.0	0.0	0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	1.1	1.1	0.9	-22.7%	-25.1%						1.1	1.1	0.9	-22.7%	-25.1%	0.3
N2O	0.3	0.3	0.3	0.0%	0.0%						0.3	0.3	0.3	0.0%	0.0%	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	1.4	1.5	1.2	-17.7%	-19.8%						1.4	1.5	1.2	-17.7%	-19.8%	0.3
Industry																
CO2 (fuel related)	25.3	25.4	19.5	-23.0%	-23.1%	19.1	19.3	14.5	-24.0%	-25.0%	44.4	44.7	34.0	-23.4%	-23.9%	5.9
CO2 (other)	9.2	10.5	10.5	14.6%	-0.2%						9.2	10.5	10.5	14.6%	-0.2%	0.0
CH4	0.1	0.1	0.1	0.0%	0.0%						0.1	0.1	0.1	0.0%	0.0%	0.0
N2O	3.4	3.1	1.6	-53.9%	-49.5%						3.4	3.1	1.6	-53.9%	-49.5%	1.5
HFC	0.5	1.3	0.7	26.0%	-50.1%						0.5	1.3	0.7	26.0%	-50.1%	0.7
PFC	0.0	0.3	0.1	210.0%	-61.9%						0.0	0.3	0.1	210.0%	-61.9%	0.2
SF6	0.0	0.0	0.0	-100.0%	-100.0%						0.0	0.0	0.0	-100.0%	-100.0%	0.0
Sub-total	38.6	40.7	32.4	-15.9%	-20.3%	19.1	19.3	14.5	-24.0%	-25.0%	57.6	60.0	46.9	-18.6%	-21.8%	8.2
Transport																
CO2 (fuel related)	22.6	30.8	27.3	20.7%	-11.4%	0.5	0.7	0.6	9.7%	-22.8%	23.1	31.6	27.9	20.5%	-11.7%	3.5
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.2	0.1	0.1	-35.0%	0.0%						0.2	0.1	0.1	-35.0%	0.0%	0.0
N2O	0.3	0.6	0.6	108.0%	0.0%						0.3	0.6	0.6	108.0%	0.0%	0.0
HFC	0.0	0.8	0.4	845.2%	-52.6%						0.0	0.8	0.4	845.2%	-52.6%	0.4
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	23.2	32.4	28.4	22.8%	-12.1%	0.5	0.7	0.6	9.7%	-22.8%	23.7	33.1	29.0	22.5%	-12.4%	3.9
Households																
CO2 (fuel related)	18.7	19.2	15.5	-16.9%	-19.4%	7.9	7.9	6.2	-21.9%	-21.9%	26.5	27.1	21.7	-18.4%	-20.1%	3.7
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.1	0.0	-	-84.9%						0.0	0.1	0.0	-	-84.9%	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	18.7	19.3	15.5	-16.9%	-19.6%	7.9	7.9	6.2	-21.9%	-21.9%	26.5	27.2	21.7	-18.4%	-20.3%	3.8
Services																
CO2 (fuel related)	7.3	13.9	11.0	52.2%	-20.8%	3.3	4.1	2.7	-16.7%	-34.1%	10.5	18.1	13.8	30.7%	-23.8%	2.9
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.2	0.1	-	-44.9%						0.0	0.2	0.1	-	-44.9%	0.1
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	7.3	14.1	11.1	53.6%	-21.1%	3.3	4.1	2.7	-16.7%	-34.1%	10.5	18.3	13.9	31.7%	-24.0%	3.0
Agriculture																
CO2 (fuel related)	0.1	0.2	0.2	38.9%	-15.5%	0.0	0.0	0.0	-	-	0.1	0.2	0.2	38.9%	-15.5%	0.0
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	8.1	6.7	6.3	-23.0%	-5.8%						8.1	6.7	6.3	-23.0%	-5.8%	0.4
N2O	3.4	3.4	3.3	-2.0%	-3.0%						3.4	3.4	3.3	-2.0%	-3.0%	0.1
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	11.7	10.3	9.8	-16.2%	-5.1%	0.0	0.0	0.0	-	-	11.7	10.3	9.8	-16.2%	-5.1%	0.5
Waste																
CO2 (fuel related)	0.0	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	-	-	0.0
CO2 (other)	1.0	1.0	1.0	0.0%	0.0%						1.0	1.0	1.0	0.0%	0.0%	0.0
CH4	3.7	3.8	3.0	-16.9%	-20.1%						3.7	3.8	3.0	-16.9%	-20.1%	0.8
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	4.6	4.8	4.0	-13.3%	-15.9%	0.0	0.0	0.0	-	-	4.6	4.8	4.0	-13.3%	-15.9%	0.8
All sectors																
CO2 (fuel related)	104.8	121.7	97.5	-6.9%	-19.9%						104.8	121.7	97.5	-6.9%	-19.9%	24.2
CO2 (other)	10.2	11.5	11.5	13.2%	-0.2%						10.2	11.5	11.5	13.2%	-0.2%	0.0
CH4	13.3	12.0	10.5	-21.1%	-12.0%						13.3	12.0	10.5	-21.1%	-12.0%	1.4
N2O	9.6	9.0	7.3	-24.0%	-19.3%						9.6	9.0	7.3	-24.0%	-19.3%	1.7
HFC	0.6	2.3	1.1	101.5%	-51.3%						0.6	2.3	1.1	101.5%	-51.3%	1.2
PFC	0.0	0.3	0.1	210.0%	-61.9%						0.0	0.3	0.1	210.0%	-61.9%	0.2
SF6	0.0	0.0	0.0	-20.6%	-21.7%						0.0	0.0	0.0	-20.6%	-21.7%	0.0
Total	138.5	156.8	128.1	-7.5%	-18.3%						138.5	156.8	128.1	-7.5%	-18.3%	28.7

BELGIUM (Burden Sharing scenario including ACEA agreement)
industrial boilers allocated to energy industries

marginal cost: 91.82 Euro'99 per t of CO2 eq.

Industrial sectors

Emission (Mt of CO2 equivalent)	Direct emissions (Mt CO2 eq.)					Indirect emissions (Mt CO2 eq.)					Direct and indirect emissions (Mt CO2 eq.)					Reduction Direct Emission reduction from baseline levels (Mt CO2 eq.)
	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	
Iron and steel																
CO2 (fuel related)	16.7	14.2	10.3	-38.0%	-27.2%	2.2	2.1	1.8	-19.2%	-16.1%	18.9	16.4	12.1	-35.8%	-25.8%	3.9
CO2 (other)	1.7	1.8	1.8	4.0%	0.0%						1.7	1.8	1.8	4.0%	0.0%	0.0
CH4	0.1	0.1	0.1	0.0%	0.0%						0.1	0.1	0.1	0.0%	0.0%	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	18.5	16.1	12.2	-34.0%	-24.1%	2.2	2.1	1.8	-19.2%	-16.1%	20.7	18.2	14.0	-32.4%	-23.1%	3.9
Non-ferrous metals																
CO2 (fuel related)	0.5	0.7	0.6	34.4%	-11.8%	0.9	0.7	0.5	-39.7%	-25.3%	1.4	1.4	1.2	-14.1%	-18.6%	0.1
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-100.0%	-100.0%						0.0	0.0	0.0	-100.0%	-100.0%	0.0
Sub-total	0.5	0.7	0.6	34.4%	-11.8%	0.9	0.7	0.5	-39.7%	-25.3%	1.4	1.4	1.2	-14.1%	-18.6%	0.1
Chemicals																
CO2 (fuel related)	1.9	1.9	1.1	-41.3%	-43.5%	7.3	7.5	5.7	-21.5%	-23.4%	9.2	9.4	6.8	-25.5%	-27.5%	0.8
CO2 (other)	0.7	0.9	0.9	25.0%	0.0%						0.7	0.9	0.9	25.0%	0.0%	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	3.4	3.1	1.6	-53.9%	-49.5%						3.4	3.1	1.6	-53.9%	-49.5%	1.5
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	6.0	5.9	3.5	-40.8%	-40.3%	7.3	7.5	5.7	-21.5%	-23.4%	13.3	13.4	9.3	-30.2%	-30.8%	2.4
Building Materials																
CO2 (fuel related)	3.1	3.9	3.3	6.5%	-13.8%	0.9	0.8	0.6	-32.7%	-29.3%	4.0	4.7	3.9	-2.1%	-16.5%	0.5
CO2 (other)	4.8	5.4	5.4	12.6%	-0.4%						4.8	5.4	5.4	12.6%	-0.4%	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	7.9	9.3	8.7	10.2%	-5.9%	0.9	0.8	0.6	-32.7%	-29.3%	8.8	10.1	9.3	5.9%	-7.9%	0.6
Paper and Pulp																
CO2 (fuel related)	0.1	0.0	0.0	-22.3%	-10.2%	1.6	2.0	1.4	-11.8%	-29.3%	1.7	2.1	1.5	-12.1%	-28.9%	0.0
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	0.1	0.0	0.0	-22.3%	-10.2%	1.6	2.0	1.4	-11.8%	-29.3%	1.7	2.1	1.5	-12.1%	-28.9%	0.0
Food, drink and tobacco																
CO2 (fuel related)	0.5	0.3	0.2	-62.3%	-43.4%	2.5	2.4	1.8	-29.5%	-26.1%	3.0	2.8	2.0	-34.7%	-28.1%	0.1
CO2 (other)	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.0	0.1	0.0	-	-100.0%						0.0	0.1	0.0	-	-100.0%	0.1
PFC	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	0.5	0.4	0.2	-62.3%	-58.5%	2.5	2.4	1.8	-29.5%	-26.1%	3.0	2.9	2.0	-34.7%	-31.0%	0.3
Other industries																
CO2 (fuel related)	2.7	4.3	3.9	46.8%	-8.9%	3.6	3.7	2.6	-27.8%	-29.4%	6.2	7.9	6.5	4.0%	-18.4%	0.4
CO2 (other)	2.0	2.5	2.5	25.0%	0.0%						2.0	2.5	2.5	25.0%	0.0%	0.0
CH4	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
N2O	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
HFC	0.5	1.2	0.7	26.0%	-45.2%						0.5	1.2	0.7	26.0%	-45.2%	0.5
PFC	0.0	0.3	0.1	210.0%	-61.9%						0.0	0.3	0.1	210.0%	-61.9%	0.2
SF6	0.0	0.0	0.0	-	-						0.0	0.0	0.0	-	-	0.0
Sub-total	5.2	8.2	7.1	37.5%	-13.3%	3.6	3.7	2.6	-27.8%	-29.4%	8.7	11.9	9.7	10.8%	-18.3%	1.1
Total industry																
CO2 (fuel related)	25.3	25.4	19.5	-23.0%	-23.1%	19.1	19.3	14.5	-24.0%	-25.0%	44.4	44.7	34.0	-23.4%	-23.9%	5.9
CO2 (other)	9.2	10.5	10.5	14.6%	-0.2%						9.2	10.5	10.5	14.6%	-0.2%	0.0
CH4	0.1	0.1	0.1	0.0%	0.0%						0.1	0.1	0.1	0.0%	0.0%	0.0
N2O	3.4	3.1	1.6	-53.9%	-49.5%						3.4	3.1	1.6	-53.9%	-49.5%	1.5
HFC	0.5	1.3	0.7	26.0%	-50.1%						0.5	1.3	0.7	26.0%	-50.1%	0.7
PFC	0.0	0.3	0.1	210.0%	-61.9%						0.0	0.3	0.1	210.0%	-61.9%	0.2
SF6	0.0	0.0	0.0	-100.0%	-100.0%						0.0	0.0	0.0	-100.0%	-100.0%	0.0
Total industry	38.6	40.7	32.4	-15.9%	-20.3%	19.1	19.3	14.5	-24.0%	-25.0%	57.6	60.0	46.9	-18.6%	-21.8%	8.2

BELGIUM (Burden Sharing scenario including ACEA agreement)
industrial boilers allocated to energy industries
marginal cost: 91.82 Euro'99 per t of CO2 eq.
Transport sector (CO2)

Emission (Mt of CO2 equivalent)	Direct emissions (Mt CO2 eq.)					Indirect emissions (Mt CO2 eq.)					Direct and indirect emissions (Mt CO2 eq.)					Reduction Direct Emission reduction from baseline levels (Mt CO2 eq.)
	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	
by transport mean																
road	19.2	25.0	23.4	21.9%	-6.7%	0.5	0.7	0.6	9.7%	-22.8%	19.2	25.0	23.4	21.9%	-6.7%	1.7
train	0.2	0.0	0.0	-83.8%	-22.3%						0.7	0.8	0.6	-17.3%	-22.8%	0.0
aviation	2.8	4.8	3.0	6.3%	-37.0%						2.8	4.8	3.0	6.3%	-37.0%	1.8
inl. navigation	0.4	1.0	0.9	125.5%	-7.6%						0.4	1.0	0.9	125.5%	-7.6%	0.1
by transport activity (base year: 1995)																
passenger	15.9	19.2	16.8	5.4%	-12.9%						15.9	19.2	16.8	5.4%	-12.9%	2.5
freight	9.0	11.6	10.6	16.9%	-9.0%						9.0	11.6	10.6	16.9%	-9.0%	1.0
Sub-total	22.6	30.8	27.3	20.7%	-11.4%	0.5	0.7	0.6	9.7%	-22.8%	23.1	31.6	27.9	20.5%	-11.7%	3.5

BELGIUM (Burden Sharing scenario including ACEA agreement)
industrial boilers allocated to energy industries
marginal cost: 91.82 Euro'99 per t of CO2 eq.
Energy supply (CO2)

Emission (Mt of CO2 equivalent)	Direct emissions (Mt CO2 eq.)					Indirect emissions (Mt CO2 eq.)					Direct and indirect emissions (Mt CO2 eq.)					Reduction Direct Emission reduction from baseline levels (Mt CO2 eq.)
	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	Emissions in 1990 or 1995	Emissions in 2010 under baseline conditions	Emissions in 2010 under Kyoto target conditions	% Change from 1990 or 1995	% Change from 2010 baseline	
by generator																
industrial generators	2.0	9.3	4.8	136.1%	-48.6%											4.5
other generators	0.0	0.0	0.0	-	-97.8%											0.0
utilities	19.8	15.3	11.5	-41.8%	-24.7%											3.8
boilers in	6.5	6.2	6.5	-0.9%	4.2%											-0.3
industry	3.6	3.3	1.0	-71.6%	-68.4%											2.2
refineries	2.9	2.8	5.4	88.8%	93.7%											-2.6
district heating	0.0	0.1	0.0	-	-99.2%											0.1
fuel extraction and refining	2.4	1.3	1.2	-50.3%	-7.6%											0.1
Sub-total	30.8	32.1	24.0	-22.1%	-25.4%											8.1