

Annex 1: Key sources

This Annex includes the calculation tables for the EC key source categories in order to make the EC key source analysis more transparent. The grey shaded source categories are identified as key sources.

Level assessment for the base year

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year (Gg)	Level assessment	Cumulative total
1.A.1. Energy Industries	CO ₂	1,144,434	27,2%	27,2%
1.A.3. Transport	CO ₂	695,003	16,5%	43,8%
1.A.2. Manufacturing Industries and Construction	CO ₂	642,348	15,3%	59,1%
1.A.4. Other Sectors	CO ₂	635,096	15,1%	74,2%
4.D. Agricultural Soils	N ₂ O	214,489	5,1%	79,3%
4.A. Enteric Fermentation	CH ₄	144,091	3,4%	82,7%
6.A. Solid Waste Disposal on Land	CH ₄	110,982	2,6%	85,3%
2.A. Mineral Products	CO ₂	106,934	2,5%	87,9%
2.B. Chemical Industry	N ₂ O	106,096	2,5%	90,4%
1.B.1. Solid Fuels	CH ₄	48,510	1,2%	91,6%
4.B. Manure Management	CH ₄	45,172	1,1%	92,6%
1.B.2. Oil and Natural Gas	CH ₄	32,969	0,8%	93,4%
2 E Production of Halocarbons and SF ₆	HFC	32,373	0,8%	94,2%
2.C. Metal Production	CO ₂	25,702	0,6%	94,8%
4.B. Manure Management	N ₂ O	23,495	0,6%	95,4%
1.A.5. Other	CO ₂	20,076	0,5%	95,8%
1.B.2. Oil and Natural Gas	CO ₂	17,247	0,4%	96,3%
1.A.1. Energy Industries	N ₂ O	14,606	0,3%	96,6%
2.B. Chemical Industry	CO ₂	12,884	0,3%	96,9%
1.A.3. Transport	N ₂ O	11,660	0,3%	97,2%
1.A.4. Other Sectors	N ₂ O	10,765	0,3%	97,4%
1.A.4. Other Sectors	CH ₄	10,453	0,2%	97,7%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9,617	0,2%	97,9%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9,583	0,2%	98,1%
1.B.1. Solid Fuels	CO ₂	9,283	0,2%	98,4%
6.B. Waste-water Handling	CH ₄	7,696	0,2%	98,6%
6.C. Waste Incineration	CO ₂	6,660	0,2%	98,7%
6.B. Waste-water Handling	N ₂ O	6,492	0,2%	98,9%
2 F Consumption of Halocarbons and SF ₆	HFC	6,167	0,1%	99,0%
3. Solvent and Other Product Use	CO ₂	6,067	0,1%	99,2%
2 C Metal Production	PFC	5,637	0,1%	99,3%
1.A.3. Transport	CH ₄	4,782	0,1%	99,4%
3. Solvent and Other Product Use	N ₂ O	3,492	0,1%	99,5%
4.D. Agricultural Soils	CO ₂	3,208	0,1%	99,6%
2 C Metal Production	SF ₆	2,320	0,1%	99,6%
4.C. Rice Cultivation	CH ₄	2,303	0,1%	99,7%
2 F Consumption of Halocarbons and SF ₆	PFC	1,595	0,0%	99,7%
2.D. Other Production	CO ₂	1,299	0,0%	99,7%
1.A.2. Manufacturing Industries and Construction	CH ₄	1,231	0,0%	99,8%
7. Other	N ₂ O	1,181	0,0%	99,8%
2.G. Other	CO ₂	1,111	0,0%	99,8%
1.A.1. Energy Industries	CH ₄	1,026	0,0%	99,9%
6.D. Other	CO ₂	881	0,0%	99,9%
6.D. Other	CH ₄	801	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	0,0%	99,9%
7. Other	CO ₂	641	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	0,0%	99,9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	0,0%	99,9%
4.F. Field Burning of Agricultural Residues	CH ₄	416	0,0%	100,0%
2.B. Chemical Industry	CH ₄	376	0,0%	100,0%
1.A.5. Other	N ₂ O	300	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	0,0%	100,0%
2.C. Metal Production	CH ₄	138	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	0,0%	100,0%
1.A.5. Other	CH ₄	57	0,0%	100,0%
7. Other	CH ₄	43	0,0%	100,0%
2.G. Other	N ₂ O	41	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	0,0%	100,0%
2.G. Other	CH ₄	5	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0,0%	100,0%
6.D. Other	N ₂ O	0	0,0%	100,0%
2 B Chemical Industry	HFC	0	0,0%	100,0%
2 B Chemical Industry	PFC	0	0,0%	100,0%

Level assessment for 1991

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1991	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1,144,434	1,150,783	6,349	1%	27.4%	27.4%
1.A.3. Transport	CO ₂	695,003	708,465	13,462	2%	16.9%	44.3%
1.A.4. Other Sectors	CO ₂	635,096	676,565	41,469	7%	16.1%	60.4%
1.A.2. Manufacturing Industries and Construction	CO ₂	642,348	619,577	-22,771	-4%	14.8%	75.2%
4.D. Agricultural Soils	N ₂ O	214,489	210,406	-4,083	-2%	5.0%	80.2%
4.A. Enteric Fermentation	CH ₄	144,091	140,530	-3,561	-2%	3.3%	83.5%
6.A. Solid Waste Disposal on Land	CH ₄	110,982	109,078	-1,904	-2%	2.6%	86.1%
2.B. Chemical Industry	N ₂ O	106,096	104,018	-2,078	-2%	2.5%	88.6%
2.A. Mineral Products	CO ₂	106,934	101,655	-5,279	-5%	2.4%	91.0%
1.B.1. Solid Fuels	CH ₄	48,510	46,178	-2,332	-5%	1.1%	92.1%
4.B. Manure Management	CH ₄	45,172	43,814	-1,358	-3%	1.0%	93.2%
1.B.2. Oil and Natural Gas	CH ₄	32,969	33,194	225	1%	0.8%	93.9%
2 E Production of Halocarbons and SF ₆	HFC	32,373	23,574	-8,799	-27%	0.6%	94.5%
2.C. Metal Production	CO ₂	25,702	23,004	-2,698	-10%	0.5%	95.1%
4.B. Manure Management	N ₂ O	23,495	22,519	-977	-4%	0.5%	95.6%
1.A.5. Other	CO ₂	20,076	17,595	-2,481	-12%	0.4%	96.0%
1.B.2. Oil and Natural Gas	CO ₂	17,247	15,959	-1,288	-7%	0.4%	96.4%
1.A.1. Energy Industries	N ₂ O	14,606	14,909	302	2%	0.4%	96.7%
1.A.3. Transport	N ₂ O	11,660	12,899	1,239	11%	0.3%	97.1%
2.B. Chemical Industry	CO ₂	12,884	12,054	-831	-6%	0.3%	97.3%
1.A.4. Other Sectors	N ₂ O	10,765	11,207	443	4%	0.3%	97.6%
1.A.4. Other Sectors	CH ₄	10,453	10,705	252	2%	0.3%	97.9%
2 C Metal Production	PFC	5,637	10,134	4,497	80%	0.2%	98.1%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9,583	9,244	-339	-4%	0.2%	98.3%
1.B.1. Solid Fuels	CO ₂	9,283	8,557	-726	-8%	0.2%	98.5%
6.B. Waste-water Handling	CH ₄	7,696	7,296	-400	-5%	0.2%	98.7%
6.C. Waste Incineration	CO ₂	6,660	6,636	-24	0%	0.2%	98.9%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9,617	6,491	-3,125	-32%	0.2%	99.0%
3. Solvent and Other Product Use	CO ₂	6,067	6,012	-55	-1%	0.1%	99.2%
6.B. Waste-water Handling	N ₂ O	6,492	5,687	-805	-12%	0.1%	99.3%
1.A.3. Transport	CH ₄	4,782	4,565	-217	-5%	0.1%	99.4%
3. Solvent and Other Product Use	N ₂ O	3,492	3,457	-36	-1%	0.1%	99.5%
4.D. Agricultural Soils	CO ₂	3,208	2,806	-402	-13%	0.1%	99.6%
2.G. Other	CO ₂	1,111	2,751	1,640	148%	0.1%	99.6%
4.C. Rice Cultivation	CH ₄	2,303	2,243	-60	-3%	0.1%	99.7%
2 C Metal Production	SF ₆	2,320	2,089	-232	-10%	0.0%	99.7%
1.A.2. Manufacturing Industries and Construction	CH ₄	1,231	1,189	-42	-3%	0.0%	99.7%
7. Other	N ₂ O	1,181	1,178	-3	0%	0.0%	99.8%
2.D. Other Production	CO ₂	1,299	1,130	-170	-13%	0.0%	99.8%
1.A.1. Energy Industries	CH ₄	1,026	1,051	25	2%	0.0%	99.8%
2 F Consumption of Halocarbons and SF ₆	PFC	1,595	894	-701	-44%	0.0%	99.8%
6.D. Other	CH ₄	801	845	45	6%	0.0%	99.9%
6.C. Waste Incineration	CH ₄	704	845	141	20%	0.0%	99.9%
7. Other	CO ₂	641	615	-26	-4%	0.0%	99.9%
6.C. Waste Incineration	N ₂ O	522	577	55	10%	0.0%	99.9%
2 E Production of Halocarbons and SF ₆	PFC	175	549	374	214%	0.0%	99.9%
2 F Consumption of Halocarbons and SF ₆	HFC	6,167	452	-5,715	-93%	0.0%	99.9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	440	-4	-1%	0.0%	100.0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	404	-12	-3%	0.0%	100.0%
1.A.5. Other	N ₂ O	300	367	67	22%	0.0%	100.0%
6.A. Solid Waste Disposal on Land	CO ₂	263	321	58	22%	0.0%	100.0%
2.B. Chemical Industry	CH ₄	376	305	-71	-19%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	149	-1	0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	128	-10	-7%	0.0%	100.0%
1.B.2. Oil and Natural Gas	N ₂ O	95	83	-11	-12%	0.0%	100.0%
2.G. Other	CH ₄	5	78	73	1350%	0.0%	100.0%
7. Other	CH ₄	43	42	-1	-2%	0.0%	100.0%
2.G. Other	N ₂ O	41	42	0	1%	0.0%	100.0%
1.A.5. Other	CH ₄	57	42	-16	-28%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	20	-9	-31%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	9	2	23%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	2	-1	-32%	0.0%	100.0%
6.D. Other	CO ₂	881	0	-881	-100%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	100.0%
6.D. Other	N ₂ O	0	0	0	0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	100.0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0	-167	-100%	0.0%	100.0%

Trend assessment for 1991

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1991	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.4. Other Sectors	CO ₂	635.096	676.565	41.469	7%	1.0%	28,8%	28,8%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	619.577	-22.771	-4%	0.5%	15,1%	43,9%
1.A.3. Transport	CO ₂	695.003	708.465	13.462	2%	0.3%	9,7%	53,6%
2 E Production of Halocarbons and SF ₆	HFC	32.373	23.574	-8.799	-27%	0.2%	6,0%	59,6%
1.A.1. Energy Industries	CO ₂	1.144.434	1.150.783	6.349	1%	0.2%	5,1%	64,6%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	452	-5.715	-93%	0.1%	3,9%	68,5%
2.A. Mineral Products	CO ₂	106.934	101.655	-5.279	-5%	0.1%	3,5%	72,1%
2 C Metal Production	PFC	5.637	10.134	4.497	80%	0.1%	3,1%	75,2%
4.D. Agricultural Soils	N ₂ O	214.489	210.406	-4.083	-2%	0.1%	2,7%	77,8%
4.A. Enteric Fermentation	CH ₄	144.091	140.530	-3.561	-2%	0.1%	2,3%	80,1%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	6.491	-3.125	-32%	0.1%	2,1%	82,3%
2.C. Metal Production	CO ₂	25.702	23.004	-2.698	-10%	0.1%	1,8%	84,1%
1.A.5. Other	CO ₂	20.076	17.595	-2.481	-12%	0.1%	1,7%	85,8%
1.B.1. Solid Fuels	CH ₄	48.510	46.178	-2.332	-5%	0.1%	1,6%	87,3%
2.B. Chemical Industry	N ₂ O	106.096	104.018	-2.078	-2%	0.0%	1,4%	88,7%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	109.078	-1.904	-2%	0.0%	1,2%	89,9%
2.G. Other	CO ₂	1.111	2.751	1.640	148%	0.0%	1,1%	91,0%
4.B. Manure Management	CH ₄	45.172	43.814	-1.358	-3%	0.0%	0,9%	91,9%
1.B.2. Oil and Natural Gas	CO ₂	17.247	15.959	-1.288	-7%	0.0%	0,9%	92,8%
1.A.3. Transport	N ₂ O	11.660	12.899	1.239	11%	0.0%	0,9%	93,7%
4.B. Manure Management	N ₂ O	23.495	22.519	-977	-4%	0.0%	0,7%	94,3%
6.D. Other	CO ₂	881	0	-881	-100%	0.0%	0,6%	94,9%
2.B. Chemical Industry	CO ₂	12.884	12.054	-831	-6%	0.0%	0,6%	95,5%
6.B. Waste-water Handling	N ₂ O	6.492	5.687	-805	-12%	0.0%	0,5%	96,0%
1.B.1. Solid Fuels	CO ₂	9.283	8.557	-726	-8%	0.0%	0,5%	96,5%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	894	-701	-44%	0.0%	0,5%	97,0%
1.A.4. Other Sectors	N ₂ O	10.765	11.207	443	4%	0.0%	0,3%	97,3%
4.D. Agricultural Soils	CO ₂	3.208	2.806	-402	-13%	0.0%	0,3%	97,6%
6.B. Waste-water Handling	CH ₄	7.696	7.296	-400	-5%	0.0%	0,3%	97,9%
2 E Production of Halocarbons and SF ₆	PFC	175	549	374	214%	0.0%	0,3%	98,1%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	9.244	-339	-4%	0.0%	0,2%	98,3%
1.A.1. Energy Industries	N ₂ O	14.606	14.909	302	2%	0.0%	0,2%	98,5%
1.A.4. Other Sectors	CH ₄	10.453	10.705	252	2%	0.0%	0,2%	98,7%
1.B.2. Oil and Natural Gas	CH ₄	32.969	33.194	225	1%	0.0%	0,2%	98,9%
2 C Metal Production	SF ₆	2.320	2.089	-232	-10%	0.0%	0,2%	99,1%
1.A.3. Transport	CH ₄	4.782	4.565	-217	-5%	0.0%	0,1%	99,2%
2.D. Other Production	CO ₂	1.299	1.130	-170	-13%	0.0%	0,1%	99,3%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0	-167	-100%	0.0%	0,1%	99,4%
6.C. Waste Incineration	CH ₄	704	845	141	20%	0.0%	0,1%	99,5%
2.G. Other	CH ₄	5	78	73	1350%	0.0%	0,0%	99,6%
2.B. Chemical Industry	CH ₄	376	305	-71	-19%	0.0%	0,0%	99,6%
1.A.5. Other	N ₂ O	300	367	67	22%	0.0%	0,0%	99,7%
6.A. Solid Waste Disposal on Land	CO ₂	263	321	58	22%	0.0%	0,0%	99,7%
4.C. Rice Cultivation	CH ₄	2.303	2.243	-60	-3%	0.0%	0,0%	99,8%
6.C. Waste Incineration	N ₂ O	522	577	55	10%	0.0%	0,0%	99,8%
3. Solvent and Other Product Use	CO ₂	6.067	6.012	-55	-1%	0.0%	0,0%	99,8%
6.D. Other	CH ₄	801	845	45	6%	0.0%	0,0%	99,9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.189	-42	-3%	0.0%	0,0%	99,9%
3. Solvent and Other Product Use	N ₂ O	3.492	3.457	-36	-1%	0.0%	0,0%	99,9%
1.A.1. Energy Industries	CH ₄	1.026	1.051	25	2%	0.0%	0,0%	99,9%
7. Other	CO ₂	641	615	-26	-4%	0.0%	0,0%	99,9%
6.C. Waste Incineration	CO ₂	6.660	6.636	-24	0%	0.0%	0,0%	100,0%
1.A.5. Other	CH ₄	57	42	-16	-28%	0.0%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	83	-11	-12%	0.0%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	404	-12	-3%	0.0%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	128	-10	-7%	0.0%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	20	-9	-31%	0.0%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	440	-4	-1%	0.0%	0,0%	100,0%
7. Other	N ₂ O	1.181	1.178	-3	0%	0.0%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	9	2	23%	0.0%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-50%	0.0%	0,0%	100,0%
7. Other	CH ₄	43	42	-1	-2%	0.0%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	149	-1	0%	0.0%	0,0%	100,0%
2.G. Other	N ₂ O	41	42	1	1%	0.0%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0,0%	100,0%
6.D. Other	N ₂ O	0	0	0	0%	0.0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0,0%	100,0%

Level assessment for 1992

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1992	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1,144,434	1,115,919	-28,515	-2%	27,2%	27,2%
1.A.3. Transport	CO ₂	695,003	732,835	37,832	5%	17,9%	45,0%
1.A.4. Other Sectors	CO ₂	635,096	645,749	10,653	2%	15,7%	60,8%
1.A.2. Manufacturing Industries and Construction	CO ₂	642,348	597,349	-44,999	-7%	14,6%	75,3%
4.D. Agricultural Soils	N ₂ O	214,489	203,707	-10,782	-5%	5,0%	80,3%
4.A. Enteric Fermentation	CH ₄	144,091	137,728	-6,363	-4%	3,4%	83,6%
6.A. Solid Waste Disposal on Land	CH ₄	110,982	103,429	-7,553	-7%	2,5%	86,2%
2.B. Chemical Industry	N ₂ O	106,096	100,394	-5,703	-5%	2,4%	88,6%
2.A. Mineral Products	CO ₂	106,934	100,051	-6,883	-6%	2,4%	91,1%
1.B.1. Solid Fuels	CH ₄	48,510	44,652	-3,858	-8%	1,1%	92,1%
4.B. Manure Management	CH ₄	45,172	43,963	-1,208	-3%	1,1%	93,2%
1.B.2. Oil and Natural Gas	CH ₄	32,969	33,214	245	1%	0,8%	94,0%
2 E Production of Halocarbons and SF ₆	HFC	32,373	24,977	-7,396	-23%	0,6%	94,6%
4.B. Manure Management	N ₂ O	23,495	21,990	-1,505	-6%	0,5%	95,2%
2.C. Metal Production	CO ₂	25,702	21,182	-4,520	-18%	0,5%	95,7%
1.B.2. Oil and Natural Gas	CO ₂	17,247	15,848	-1,400	-8%	0,4%	96,1%
1.A.1. Energy Industries	N ₂ O	14,606	14,882	276	2%	0,4%	96,4%
1.A.3. Transport	N ₂ O	11,660	14,168	2,508	22%	0,3%	96,8%
1.A.5. Other	CO ₂	20,076	13,923	-6,153	-31%	0,3%	97,1%
2.B. Chemical Industry	CO ₂	12,884	11,542	-1,343	-10%	0,3%	97,4%
1.A.4. Other Sectors	N ₂ O	10,765	10,756	-8	0%	0,3%	97,7%
1.A.4. Other Sectors	CH ₄	10,453	9,797	-656	-6%	0,2%	97,9%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9,583	9,004	-579	-6%	0,2%	98,1%
1.B.1. Solid Fuels	CO ₂	9,283	8,357	-926	-10%	0,2%	98,3%
2 C Metal Production	PFC	5,637	8,075	2,438	43%	0,2%	98,5%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9,617	7,167	-2,450	-25%	0,2%	98,7%
6.B. Waste-water Handling	CH ₄	7,696	7,095	-601	-8%	0,2%	98,9%
6.C. Waste Incineration	CO ₂	6,660	6,670	10	0%	0,2%	99,0%
3. Solvent and Other Product Use	CO ₂	6,067	5,779	-288	-5%	0,1%	99,2%
6.B. Waste-water Handling	N ₂ O	6,492	5,273	-1,219	-19%	0,1%	99,3%
1.A.3. Transport	CH ₄	4,782	4,502	-279	-6%	0,1%	99,4%
3. Solvent and Other Product Use	N ₂ O	3,492	3,478	-14	0%	0,1%	99,5%
2.G. Other	CO ₂	1,111	2,352	1,241	112%	0,1%	99,5%
4.D. Agricultural Soils	CO ₂	3,208	2,312	-896	-28%	0,1%	99,6%
4.C. Rice Cultivation	CH ₄	2,303	2,223	-80	-3%	0,1%	99,7%
2 C Metal Production	SF ₆	2,320	2,065	-255	-11%	0,1%	99,7%
2.D. Other Production	CO ₂	1,299	1,416	117	9%	0,0%	99,7%
7. Other	N ₂ O	1,181	1,178	-3	0%	0,0%	99,8%
1.A.2. Manufacturing Industries and Construction	CH ₄	1,231	1,122	-109	-9%	0,0%	99,8%
1.A.1. Energy Industries	CH ₄	1,026	1,083	57	6%	0,0%	99,8%
2 F Consumption of Halocarbons and SF ₆	PFC	1,595	913	-683	-43%	0,0%	99,8%
6.D. Other	CH ₄	801	906	105	13%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	782	78	11%	0,0%	99,9%
2 F Consumption of Halocarbons and SF ₆	HFC	6,167	612	-5,555	-90%	0,0%	99,9%
7. Other	CO ₂	641	608	-33	-5%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	558	36	7%	0,0%	99,9%
2 E Production of Halocarbons and SF ₆	PFC	175	450	275	157%	0,0%	99,9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	413	-31	-7%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	369	106	40%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	352	52	17%	0,0%	100,0%
2.B. Chemical Industry	CH ₄	376	326	-50	-13%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	318	-98	-24%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	149	-1	0%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	118	-20	-15%	0,0%	100,0%
2.G. Other	CH ₄	5	82	77	1428%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	78	-17	-18%	0,0%	100,0%
7. Other	CH ₄	43	42	-1	-2%	0,0%	100,0%
2.G. Other	N ₂ O	41	42	0	1%	0,0%	100,0%
1.A.5. Other	CH ₄	57	36	-21	-37%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	18	-11	-38%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	9	2	22%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-48%	0,0%	100,0%
6.D. Other	CO ₂	881	0	-881	-100%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	#DIV/0!	0,0%	100,0%
6.D. Other	N ₂ O	0	0	0	#DIV/0!	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	#DIV/0!	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	#DIV/0!	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0	-167	-100%	0,0%	100,0%

Trend assessment for 1992

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1992	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	732.835	37.832	5%	1.3%	30,3%	30,3%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	597.349	-44.999	-7%	0.7%	16,8%	47,1%
1.A.4. Other Sectors	CO ₂	635.096	645.749	10.653	2%	0.6%	14,3%	61,3%
2 E Production of Halocarbons and SF ₆	HFC	32.373	24.977	-7.396	-23%	0.2%	3,7%	65,1%
4.D. Agricultural Soils	N ₂ O	214.489	203.707	-10.782	-5%	0.1%	3,2%	68,3%
1.A.5. Other	CO ₂	20.076	13.923	-6.153	-31%	0.1%	3,2%	71,5%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	6.12	-5.555	-90%	0.1%	3,0%	74,5%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	103.429	-7.553	-7%	0.1%	2,8%	77,3%
2.A. Mineral Products	CO ₂	106.934	100.051	-6.883	-6%	0.1%	2,5%	79,7%
2.C. Metal Production	CO ₂	25.702	21.182	-4.520	-18%	0.1%	2,2%	81,9%
2.B. Chemical Industry	N ₂ O	106.096	100.394	-5.703	-5%	0.1%	1,8%	83,7%
4.A. Enteric Fermentation	CH ₄	144.091	137.728	-6.363	-4%	0.1%	1,7%	85,4%
1.A.3. Transport	N ₂ O	11.660	14.168	2.508	22%	0.1%	1,6%	87,0%
1.B.1. Solid Fuels	CH ₄	48.510	44.652	-3.858	-8%	0.1%	1,5%	88,5%
2 C Metal Production	PFC	5.637	8.075	2.438	43%	0.1%	1,4%	90,0%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	7.167	-2.450	-25%	0.1%	1,2%	91,2%
1.A.1. Energy Industries	CO ₂	1.144.434	1.115.919	-28.515	-2%	0.0%	1,0%	92,2%
2.G. Other	CO ₂	1.111	2.352	1.241	112%	0.0%	0,7%	92,9%
6.B. Waste-water Handling	N ₂ O	6.492	5.273	-1.219	-19%	0.0%	0,6%	93,5%
2.B. Chemical Industry	CO ₂	12.884	11.542	-1.343	-10%	0.0%	0,6%	94,1%
1.B.2. Oil and Natural Gas	CH ₄	32.969	33.214	245	1%	0.0%	0,6%	94,7%
1.B.2. Oil and Natural Gas	CO ₂	17.247	15.848	-1.400	-8%	0.0%	0,6%	95,2%
4.B. Manure Management	N ₂ O	23.495	21.990	-1.505	-6%	0.0%	0,5%	95,8%
6.D. Other	CO ₂	881	0	-881	-100%	0.0%	0,5%	96,3%
4.D. Agricultural Soils	CO ₂	3.208	2.312	-896	-28%	0.0%	0,5%	96,7%
1.B.1. Solid Fuels	CO ₂	9.283	8.357	-926	-10%	0.0%	0,4%	97,1%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	913	-683	-43%	0.0%	0,4%	97,5%
1.A.1. Energy Industries	N ₂ O	14.606	14.882	276	2%	0.0%	0,3%	97,8%
6.B. Waste-water Handling	CH ₄	7.696	7.095	-601	-8%	0.0%	0,2%	98,1%
1.A.4. Other Sectors	CH ₄	10.453	9.797	-656	-6%	0.0%	0,2%	98,3%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	9.004	-579	-6%	0.0%	0,2%	98,5%
2 E Production of Halocarbons and SF ₆	PFC	175	450	275	157%	0.0%	0,2%	98,6%
1.A.4. Other Sectors	N ₂ O	10.765	10.756	-8	0%	0.0%	0,1%	98,8%
2 C Metal Production	SF ₆	2.320	2.065	-255	-11%	0.0%	0,1%	98,9%
1.A.3. Transport	CH ₄	4.782	4.502	-279	-6%	0.0%	0,1%	99,0%
6.C. Waste Incineration	CO ₂	6.660	6.670	10	0%	0.0%	0,1%	99,1%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0	-167	-100%	0.0%	0,1%	99,2%
4.B. Manure Management	CH ₄	45.172	43.963	-1.208	-3%	0.0%	0,1%	99,3%
2.D. Other Production	CO ₂	1.299	1.416	117	9%	0.0%	0,1%	99,3%
3. Solvent and Other Product Use	CO ₂	6.067	5.779	-288	-5%	0.0%	0,1%	99,4%
6.D. Other	CH ₄	801	906	105	13%	0.0%	0,1%	99,5%
6.A. Solid Waste Disposal on Land	CO ₂	263	369	106	40%	0.0%	0,1%	99,6%
6.C. Waste Incineration	CH ₄	704	782	78	11%	0.0%	0,1%	99,6%
4.F. Field Burning of Agricultural Residues	CH ₄	416	318	-98	-24%	0.0%	0,0%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	1.083	57	6%	0.0%	0,0%	99,7%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.122	-109	-9%	0.0%	0,0%	99,7%
2.G. Other	CH ₄	5	82	77	1428%	0.0%	0,0%	99,8%
3. Solvent and Other Product Use	N ₂ O	3.492	3.478	-14	0%	0.0%	0,0%	99,8%
1.A.5. Other	N ₂ O	300	352	52	17%	0.0%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	558	36	7%	0.0%	0,0%	99,9%
2.B. Chemical Industry	CH ₄	376	326	-50	-13%	0.0%	0,0%	99,9%
4.C. Rice Cultivation	CH ₄	2.303	2.223	-80	-3%	0.0%	0,0%	99,9%
7. Other	N ₂ O	1.181	1.178	-3	0%	0.0%	0,0%	99,9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	413	-31	-7%	0.0%	0,0%	100,0%
1.A.5. Other	CH ₄	57	36	-21	-37%	0.0%	0,0%	100,0%
7. Other	CO ₂	641	608	-33	-5%	0.0%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	118	-20	-15%	0.0%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	78	-17	-18%	0.0%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	18	-11	-38%	0.0%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	149	-1	0%	0.0%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	9	2	22%	0.0%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-48%	0.0%	0,0%	100,0%
2.G. Other	N ₂ O	41	42	0	1%	0.0%	0,0%	100,0%
7. Other	CH ₄	43	42	-1	-2%	0.0%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0,0%	100,0%
6.D. Other	N ₂ O	0	0	0	0%	0.0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0,0%	100,0%

Level assessment for 1993

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1993	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.061.507	-82.927	-7%	26,4%	26,4%
1.A.3. Transport	CO ₂	695.003	739.790	44.787	6%	18,4%	44,7%
1.A.4. Other Sectors	CO ₂	635.096	657.348	22.252	4%	16,3%	61,0%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	577.751	-64.597	-10%	14,3%	75,4%
4.D. Agricultural Soils	N ₂ O	214.489	200.347	-14.142	-7%	5,0%	80,4%
4.A. Enteric Fermentation	CH ₄	144.091	136.741	-7.350	-5%	3,4%	83,8%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	99.812	-11.170	-10%	2,5%	86,2%
2.A. Mineral Products	CO ₂	106.934	96.861	-10.073	-9%	2,4%	88,6%
2.B. Chemical Industry	N ₂ O	106.096	95.146	-10.950	-10%	2,4%	91,0%
4.B. Manure Management	CH ₄	45.172	43.961	-1.211	-3%	1,1%	92,1%
1.B.1. Solid Fuels	CH ₄	48.510	39.873	-8.637	-18%	1,0%	93,1%
1.B.2. Oil and Natural Gas	CH ₄	32.969	33.516	547	2%	0,8%	93,9%
2 E Production of Halocarbons and SF ₆	HFC	32.373	25.921	-6.452	-20%	0,6%	94,6%
4.B. Manure Management	N ₂ O	23.495	21.743	-1.753	-7%	0,5%	95,1%
2.C. Metal Production	CO ₂	25.702	21.644	-4.059	-16%	0,5%	95,6%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.025	-1.222	-7%	0,4%	96,0%
1.A.3. Transport	N ₂ O	11.660	15.561	3.901	33%	0,4%	96,4%
1.A.5. Other	CO ₂	20.076	14.760	-5.316	-26%	0,4%	96,8%
1.A.1. Energy Industries	N ₂ O	14.606	14.075	-531	-4%	0,3%	97,1%
1.A.4. Other Sectors	N ₂ O	10.765	10.748	-16	0%	0,3%	97,4%
2.B. Chemical Industry	CO ₂	12.884	10.487	-2.398	-19%	0,3%	97,7%
1.A.4. Other Sectors	CH ₄	10.453	9.538	-915	-9%	0,2%	97,9%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.643	-940	-10%	0,2%	98,1%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	7.844	-1.773	-18%	0,2%	98,3%
1.B.1. Solid Fuels	CO ₂	9.283	7.700	-1.584	-17%	0,2%	98,5%
6.B. Waste-water Handling	CH ₄	7.696	7.098	-597	-8%	0,2%	98,7%
6.C. Waste Incineration	CO ₂	6.660	6.748	88	1%	0,2%	98,8%
2 C Metal Production	PFC	5.637	6.601	964	17%	0,2%	99,0%
3. Solvent and Other Product Use	CO ₂	6.067	5.368	-699	-12%	0,1%	99,1%
6.B. Waste-water Handling	N ₂ O	6.492	5.322	-1.170	-18%	0,1%	99,3%
1.A.3. Transport	CH ₄	4.782	4.320	-462	-10%	0,1%	99,4%
3. Solvent and Other Product Use	N ₂ O	3.492	3.492	0	0%	0,1%	99,5%
4.C. Rice Cultivation	CH ₄	2.303	2.228	-74	-3%	0,1%	99,5%
4.D. Agricultural Soils	CO ₂	3.208	2.222	-987	-31%	0,1%	99,6%
2 C Metal Production	SF ₆	2.320	2.147	-173	-7%	0,1%	99,6%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	2.134	-4.034	-65%	0,1%	99,7%
2.G. Other	CO ₂	1.111	1.858	748	67%	0,0%	99,7%
2.D. Other Production	CO ₂	1.299	1.241	-58	-4%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.178	-3	0%	0,0%	99,8%
1.A.1. Energy Industries	CH ₄	1.026	1.128	102	10%	0,0%	99,8%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.102	-493	-31%	0,0%	99,8%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.085	-146	-12%	0,0%	99,9%
6.D. Other	CH ₄	801	956	155	19%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	778	74	11%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	563	41	8%	0,0%	99,9%
7. Other	CO ₂	641	556	-85	-13%	0,0%	99,9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	366	-79	-18%	0,0%	99,9%
6.A. Solid Waste Disposal on Land	CO ₂	263	357	94	36%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	351	176	101%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	337	36	12%	0,0%	100,0%
2.B. Chemical Industry	CH ₄	376	293	-82	-22%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	157	-258	-62%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	147	-2	-1%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	127	-11	-8%	0,0%	100,0%
2.G. Other	CH ₄	5	108	102	1897%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	75	-20	-21%	0,0%	100,0%
2.G. Other	N ₂ O	41	43	2	4%	0,0%	100,0%
7. Other	CH ₄	43	42	-1	-2%	0,0%	100,0%
1.A.5. Other	CH ₄	57	31	-27	-47%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	15	-14	-47%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	9	2	23%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-1	-31%	0,0%	100,0%
6.D. Other	CO ₂	881	0	-881	-100%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	#DIV/0!	0,0%	100,0%
6.D. Other	N ₂ O	0	0	0	#DIV/0!	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	#DIV/0!	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	#DIV/0!	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0	-167	-100%	0,0%	100,0%

Trend assessment for 1993

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1993	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	739.790	44.787	6%	1.9%	27.6%	27.6%
1.A.4. Other Sectors	CO ₂	635.096	657.348	22.252	4%	1.3%	18.2%	45.9%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	577.751	-64.597	-10%	1.0%	14.2%	60.1%
1.A.1. Energy Industries	CO ₂	1.144.434	1.061.507	-82.927	-7%	0.9%	13.3%	73.4%
1.B.1. Solid Fuels	CH ₄	48.510	39.873	-8.637	-18%	0.2%	2.5%	75.9%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	99.812	-11.170	-10%	0.2%	2.5%	78.3%
2.B. Chemical Industry	N ₂ O	106.096	95.146	-10.950	-10%	0.2%	2.5%	80.8%
2.A. Mineral Products	CO ₂	106.934	96.861	-10.073	-9%	0.1%	2.1%	82.9%
4.D. Agricultural Soils	N ₂ O	214.489	200.347	-14.142	-7%	0.1%	2.0%	84.9%
2 E Production of Halocarbons and SF ₆	HFC	32.373	25.921	-6.452	-20%	0.1%	1.9%	86.8%
1.A.5. Other	CO ₂	20.076	14.760	-5.316	-26%	0.1%	1.7%	88.5%
1.A.3. Transport	N ₂ O	11.660	15.561	3.901	33%	0.1%	1.6%	90.1%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	2.134	-4.034	-65%	0.1%	1.4%	91.5%
2.C. Metal Production	CO ₂	25.702	21.644	-4.059	-16%	0.1%	1.1%	92.7%
1.B.2. Oil and Natural Gas	CH ₄	32.969	33.516	547	2%	0.0%	0.7%	93.4%
2.B. Chemical Industry	CO ₂	12.884	10.487	-2.398	-19%	0.0%	0.7%	94.1%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	7.844	-1.773	-18%	0.0%	0.5%	94.6%
4.A. Enteric Fermentation	CH ₄	144.091	136.741	-7.350	-5%	0.0%	0.5%	95.1%
2 C Metal Production	PFC	5.637	6.601	964	17%	0.0%	0.4%	95.6%
1.B.1. Solid Fuels	CO ₂	9.283	7.700	-1.584	-17%	0.0%	0.4%	96.0%
6.B. Waste-water Handling	N ₂ O	6.492	5.322	-1.170	-18%	0.0%	0.3%	96.3%
4.D. Agricultural Soils	CO ₂	3.208	2.222	-987	-31%	0.0%	0.3%	96.7%
6.D. Other	CO ₂	881	0	-881	-100%	0.0%	0.3%	97.0%
2.G. Other	CO ₂	1.111	1.858	748	67%	0.0%	0.3%	97.3%
4.B. Manure Management	N ₂ O	23.495	21.743	-1.753	-7%	0.0%	0.3%	97.6%
4.B. Manure Management	CH ₄	45.172	43.961	-1.211	-3%	0.0%	0.2%	97.8%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.643	-940	-10%	0.0%	0.2%	98.0%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.025	-1.222	-7%	0.0%	0.2%	98.2%
1.A.4. Other Sectors	CH ₄	10.453	9.538	-915	-9%	0.0%	0.2%	98.4%
3. Solvent and Other Product Use	CO ₂	6.067	5.368	-699	-12%	0.0%	0.2%	98.6%
1.A.4. Other Sectors	N ₂ O	10.765	10.748	-16	0%	0.0%	0.2%	98.7%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.102	-493	-31%	0.0%	0.2%	98.9%
6.C. Waste Incineration	CO ₂	6.660	6.748	88	1%	0.0%	0.1%	99.0%
6.B. Waste-water Handling	CH ₄	7.696	7.098	-597	-8%	0.0%	0.1%	99.1%
1.A.3. Transport	CH ₄	4.782	4.320	-462	-10%	0.0%	0.1%	99.2%
4.F. Field Burning of Agricultural Residues	CH ₄	416	157	-258	-62%	0.0%	0.1%	99.3%
6.D. Other	CH ₄	801	956	155	19%	0.0%	0.1%	99.4%
2 E Production of Halocarbons and SF ₆	PFC	175	351	176	101%	0.0%	0.1%	99.5%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0	-167	-100%	0.0%	0.1%	99.5%
3. Solvent and Other Product Use	N ₂ O	3.492	3.492	0	0%	0.0%	0.1%	99.6%
1.A.1. Energy Industries	CH ₄	1.026	1.128	102	10%	0.0%	0.1%	99.6%
6.A. Solid Waste Disposal on Land	CO ₂	263	357	94	36%	0.0%	0.0%	99.7%
6.C. Waste Incineration	CH ₄	704	778	74	11%	0.0%	0.0%	99.7%
2.G. Other	CH ₄	5	108	102	1897%	0.0%	0.0%	99.7%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.085	-146	-12%	0.0%	0.0%	99.8%
2 C Metal Production	SF ₆	2.320	2.147	-173	-7%	0.0%	0.0%	99.8%
1.A.1. Energy Industries	N ₂ O	14.606	14.075	-531	-4%	0.0%	0.0%	99.8%
2.B. Chemical Industry	CH ₄	376	293	-82	-22%	0.0%	0.0%	99.9%
6.C. Waste Incineration	N ₂ O	522	563	41	8%	0.0%	0.0%	99.9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	366	-79	-18%	0.0%	0.0%	99.9%
7. Other	CO ₂	641	556	-85	-13%	0.0%	0.0%	99.9%
1.A.5. Other	N ₂ O	300	337	36	12%	0.0%	0.0%	99.9%
7. Other	N ₂ O	1.181	1.178	-3	0%	0.0%	0.0%	100.0%
1.A.5. Other	CH ₄	57	31	-27	-47%	0.0%	0.0%	100.0%
4.C. Rice Cultivation	CH ₄	2.303	2.228	-74	-3%	0.0%	0.0%	100.0%
1.B.2. Oil and Natural Gas	N ₂ O	95	75	-20	-21%	0.0%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	15	-14	-47%	0.0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	127	-11	-8%	0.0%	0.0%	100.0%
2.D. Other Production	CO ₂	1.299	1.241	-58	-4%	0.0%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	147	-2	-1%	0.0%	0.0%	100.0%
2.G. Other	N ₂ O	41	43	2	4%	0.0%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	9	2	23%	0.0%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-50%	0.0%	0.0%	100.0%
7. Other	CH ₄	43	42	-1	-2%	0.0%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
6.D. Other	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0.0%	100.0%

Level assessment for 1994

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1994	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.069.428	-75.005	-7%	26,5%	26,5%
1.A.3. Transport	CO ₂	695.003	743.244	48.241	7%	18,4%	44,9%
1.A.4. Other Sectors	CO ₂	635.096	626.290	-8.806	-1%	15,5%	60,5%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	597.112	-45.236	-7%	14,8%	75,3%
4.D. Agricultural Soils	N ₂ O	214.489	201.294	-13.195	-6%	5,0%	80,3%
4.A. Enteric Fermentation	CH ₄	144.091	136.843	-7.248	-5%	3,4%	83,7%
2.A. Mineral Products	CO ₂	106.934	101.298	-5.636	-5%	2,5%	86,2%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	98.650	-12.332	-11%	2,4%	88,6%
2.B. Chemical Industry	N ₂ O	106.096	97.864	-8.233	-8%	2,4%	91,0%
4.B. Manure Management	CH ₄	45.172	44.240	-932	-2%	1,1%	92,1%
1.B.2. Oil and Natural Gas	CH ₄	32.969	33.300	331	1%	0,8%	93,0%
1.B.1. Solid Fuels	CH ₄	48.510	31.996	-16.514	-34%	0,8%	93,8%
2 E Production of Halocarbons and SF ₆	HFC	22.373	29.381	-2.992	-9%	0,7%	94,5%
2.C. Metal Production	CO ₂	25.702	22.569	-3.133	-12%	0,6%	95,0%
4.B. Manure Management	N ₂ O	23.495	21.825	-1.671	-7%	0,5%	95,6%
1.B.2. Oil and Natural Gas	CO ₂	17.247	18.474	1.227	7%	0,5%	96,0%
1.A.3. Transport	N ₂ O	11.660	16.921	5.261	45%	0,4%	96,5%
1.A.1. Energy Industries	N ₂ O	14.606	14.361	-246	-2%	0,4%	96,8%
1.A.5. Other	CO ₂	20.076	13.170	-6.906	-34%	0,3%	97,1%
2.B. Chemical Industry	CO ₂	12.884	10.564	-2.321	-18%	0,3%	97,4%
1.A.4. Other Sectors	N ₂ O	10.765	10.168	-597	-6%	0,3%	97,7%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	9.030	-553	-6%	0,2%	97,9%
1.A.4. Other Sectors	CH ₄	10.453	8.563	-1.890	-18%	0,2%	98,1%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	8.482	-1.135	-12%	0,2%	98,3%
1.B.1. Solid Fuels	CO ₂	9.283	7.245	-2.038	-22%	0,2%	98,5%
6.B. Waste-water Handling	CH ₄	7.696	7.216	-479	-6%	0,2%	98,7%
6.C. Waste Incineration	CO ₂	6.660	6.701	41	1%	0,2%	98,8%
2 C Metal Production	PFC	5.637	5.739	103	2%	0,1%	99,0%
6.B. Waste-water Handling	N ₂ O	6.492	5.337	-1.155	-18%	0,1%	99,1%
3. Solvent and Other Product Use	CO ₂	6.067	5.326	-741	-12%	0,1%	99,2%
1.A.3. Transport	CH ₄	4.782	4.161	-620	-13%	0,1%	99,3%
3. Solvent and Other Product Use	N ₂ O	3.492	3.501	9	0%	0,1%	99,4%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	3.181	-2.986	-48%	0,1%	99,5%
4.C. Rice Cultivation	CH ₄	2.303	2.423	120	5%	0,1%	99,6%
2 C Metal Production	SF ₆	2.320	2.368	48	2%	0,1%	99,6%
4.D. Agricultural Soils	CO ₂	3.208	2.060	-1.148	-36%	0,1%	99,7%
2.G. Other	CO ₂	1.111	1.675	564	51%	0,0%	99,7%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.324	-272	-17%	0,0%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	1.239	213	21%	0,0%	99,8%
2.D. Other Production	CO ₂	1.299	1.223	-76	-6%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.178	-3	0%	0,0%	99,8%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.138	-93	-8%	0,0%	99,9%
6.D. Other	CH ₄	801	960	159	20%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	750	46	7%	0,0%	99,9%
7. Other	CO ₂	641	692	51	8%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	548	25	5%	0,0%	99,9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	361	-83	-19%	0,0%	99,9%
2.B. Chemical Industry	CH ₄	376	339	-37	-10%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	319	19	6%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	290	27	10%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	248	73	42%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	223	128	135%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	157	-259	-62%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	147	-3	-2%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	136	-3	-2%	0,0%	100,0%
2.G. Other	CH ₄	5	116	110	2046%	0,0%	100,0%
7. Other	CH ₄	43	48	5	12%	0,0%	100,0%
2.G. Other	N ₂ O	41	42	1	1%	0,0%	100,0%
1.A.5. Other	CH ₄	57	27	-30	-53%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	17	-12	-41%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	9	2	34%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	3	-1	-18%	0,0%	100,0%
6.D. Other	CO ₂	881	0	-881	-100%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	#DIV/0!	0,0%	100,0%
6.D. Other	N ₂ O	0	0	0	#DIV/0!	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	#DIV/0!	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	#DIV/0!	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0	-167	-100%	0,0%	100,0%

Trend assessment for 1994

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1994	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	743.244	48.241	7%	2.0%	35.8%	35.8%
1.A.1. Energy Industries	CO ₂	1.144.434	1.069.428	-75.005	-7%	0.7%	13.7%	49.5%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	597.112	-45.236	-7%	0.5%	9.1%	58.6%
1.A.4. Other Sectors	CO ₂	635.096	626.290	-8.806	-1%	0.4%	7.9%	66.5%
1.B.1. Solid Fuels	CH ₄	48.510	31.996	-16.514	-34%	0.4%	6.9%	73.4%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	98.650	-12.332	-11%	0.2%	3.7%	77.1%
1.A.5. Other	CO ₂	20.076	13.170	-6.906	-34%	0.2%	2.9%	79.9%
1.A.3. Transport	N ₂ O	11.660	16.921	5.261	45%	0.1%	2.7%	82.6%
4.D. Agricultural Soils	N ₂ O	214.489	201.294	-13.195	-6%	0.1%	2.2%	84.8%
2.B. Chemical Industry	N ₂ O	106.096	97.864	-8.233	-8%	0.1%	1.9%	86.6%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	3.181	-2.986	-48%	0.1%	1.3%	87.9%
2.C. Metal Production	CO ₂	25.702	22.569	-3.133	-12%	0.1%	1.0%	88.9%
1.B.2. Oil and Natural Gas	CO ₂	17.247	18.474	1.227	7%	0.0%	0.9%	89.8%
2.B. Chemical Industry	CO ₂	12.884	10.564	-2.321	-18%	0.0%	0.8%	90.7%
2 E Production of Halocarbons and SF ₆	HFC	32.373	29.381	-2.992	-9%	0.0%	0.8%	91.5%
1.B.1. Solid Fuels	CO ₂	9.283	7.245	-2.038	-22%	0.0%	0.8%	92.3%
1.B.2. Oil and Natural Gas	CH ₄	32.969	33.300	331	1%	0.0%	0.8%	93.0%
1.A.4. Other Sectors	CH ₄	10.453	8.563	-1.890	-18%	0.0%	0.7%	93.7%
4.A. Enteric Fermentation	CH ₄	144.091	136.843	-7.248	-5%	0.0%	0.7%	94.4%
2.A. Mineral Products	CO ₂	106.934	101.298	-5.636	-5%	0.0%	0.6%	95.0%
4.D. Agricultural Soils	CO ₂	3.208	2.060	-1.148	-36%	0.0%	0.5%	95.5%
6.B. Waste-water Handling	N ₂ O	6.492	5.337	-1.155	-18%	0.0%	0.4%	95.9%
4.B. Manure Management	CH ₄	45.172	44.240	-932	-2%	0.0%	0.4%	96.4%
6.D. Other	CO ₂	881	0	-881	-100%	0.0%	0.4%	96.8%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	8.482	-1.135	-12%	0.0%	0.4%	97.1%
4.B. Manure Management	N ₂ O	23.495	21.825	-1.671	-7%	0.0%	0.3%	97.5%
2.G. Other	CO ₂	1.111	1.675	564	51%	0.0%	0.3%	97.7%
3. Solvent and Other Product Use	CO ₂	6.067	5.326	-741	-12%	0.0%	0.2%	98.0%
1.A.3. Transport	CH ₄	4.782	4.161	-620	-13%	0.0%	0.2%	98.2%
1.A.1. Energy Industries	N ₂ O	14.606	14.361	-246	-2%	0.0%	0.2%	98.3%
2 C Metal Production	PFC	5.637	5.739	103	2%	0.0%	0.2%	98.5%
6.C. Waste Incineration	CO ₂	6.660	6.701	41	1%	0.0%	0.1%	98.6%
1.A.1. Energy Industries	CH ₄	1.026	1.239	213	21%	0.0%	0.1%	98.8%
4.F. Field Burning of Agricultural Residues	CH ₄	416	157	-259	-62%	0.0%	0.1%	98.9%
4.C. Rice Cultivation	CH ₄	2.303	2.423	120	5%	0.0%	0.1%	99.0%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.324	-272	-17%	0.0%	0.1%	99.1%
6.D. Other	CH ₄	801	960	159	20%	0.0%	0.1%	99.2%
6.B. Waste-water Handling	CH ₄	7.696	7.216	-479	-6%	0.0%	0.1%	99.2%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	9.030	-553	-6%	0.0%	0.1%	99.3%
1.A.4. Other Sectors	N ₂ O	10.765	10.168	-597	-6%	0.0%	0.1%	99.4%
2 E Production of Halocarbons and SF ₆	SF ₆	167	0	-167	-100%	0.0%	0.1%	99.5%
3. Solvent and Other Product Use	N ₂ O	3.492	3.501	9	0%	0.0%	0.1%	99.5%
2 C Metal Production	SF ₆	2.320	2.368	48	2%	0.0%	0.1%	99.6%
1.B.2. Oil and Natural Gas	N ₂ O	95	223	128	135%	0.0%	0.1%	99.7%
2.G. Other	CH ₄	5	116	110	2046%	0.0%	0.1%	99.7%
2 E Production of Halocarbons and SF ₆	PFC	175	248	73	42%	0.0%	0.0%	99.8%
7. Other	CO ₂	641	692	51	8%	0.0%	0.0%	99.8%
6.C. Waste Incineration	CH ₄	704	750	46	7%	0.0%	0.0%	99.8%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	361	-83	-19%	0.0%	0.0%	99.9%
6.C. Waste Incineration	N ₂ O	522	548	25	5%	0.0%	0.0%	99.9%
7. Other	N ₂ O	1.181	1.178	-3	0%	0.0%	0.0%	99.9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.138	-93	-8%	0.0%	0.0%	99.9%
6.A. Solid Waste Disposal on Land	CO ₂	263	290	27	10%	0.0%	0.0%	99.9%
1.A.5. Other	N ₂ O	300	319	19	6%	0.0%	0.0%	100.0%
1.A.5. Other	CH ₄	57	27	-30	-53%	0.0%	0.0%	100.0%
2.D. Other Production	CO ₂	1.299	1.223	-76	-6%	0.0%	0.0%	100.0%
2.B. Chemical Industry	CH ₄	376	339	-37	-10%	0.0%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	17	-12	-41%	0.0%	0.0%	100.0%
7. Other	CH ₄	43	48	5	12%	0.0%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	147	-3	-2%	0.0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	136	-3	-2%	0.0%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	9	2	34%	0.0%	0.0%	100.0%
2.G. Other	N ₂ O	41	42	1	1%	0.0%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	3	-1	-18%	0.0%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
6.D. Other	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0.0%	100.0%

Level assessment for 1995

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1995	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.079.944	-64.490	-6%	26,5%	26,5%
1.A.3. Transport	CO ₂	695.003	752.889	57.886	8%	18,5%	45,0%
1.A.4. Other Sectors	CO ₂	635.096	633.655	-1.441	0%	15,6%	60,6%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	604.249	-38.099	-6%	14,8%	75,4%
4.D. Agricultural Soils	N ₂ O	214.489	201.510	-12.979	-6%	4,9%	80,3%
4.A. Enteric Fermentation	CH ₄	144.091	136.691	-7.400	-5%	3,4%	83,7%
2.A. Mineral Products	CO ₂	106.934	103.242	-3.691	-3%	2,5%	86,2%
2.B. Chemical Industry	N ₂ O	106.096	97.486	-8.610	-8%	2,4%	88,6%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	96.560	-14.422	-13%	2,4%	91,0%
4.B. Manure Management	CH ₄	45.172	44.319	-853	-2%	1,1%	92,1%
1.B.1. Solid Fuels	CH ₄	48.510	33.487	-15.023	-31%	0,8%	92,9%
2 E Production of Halocarbons and SF ₆	HFC	32.373	32.373	0	0%	0,8%	93,7%
1.B.2. Oil and Natural Gas	CH ₄	32.969	30.731	-2.238	-7%	0,8%	94,4%
2.C. Metal Production	CO ₂	25.702	24.759	-943	-4%	0,6%	95,1%
4.B. Manure Management	N ₂ O	23.495	21.710	-1.785	-8%	0,5%	95,6%
1.A.3. Transport	N ₂ O	11.660	18.334	6.674	57%	0,5%	96,0%
1.B.2. Oil and Natural Gas	CO ₂	17.247	15.886	-1.361	-8%	0,4%	96,4%
1.A.1. Energy Industries	N ₂ O	14.606	14.534	-72	0%	0,4%	96,8%
1.A.5. Other	CO ₂	20.076	12.120	-7.957	-40%	0,3%	97,1%
2.B. Chemical Industry	CO ₂	12.884	11.490	-1.394	-11%	0,3%	97,4%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	9.617	0	0%	0,2%	97,6%
1.A.4. Other Sectors	N ₂ O	10.765	9.468	-1.296	-12%	0,2%	97,8%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	9.339	-245	-3%	0,2%	98,1%
1.A.4. Other Sectors	CH ₄	10.453	7.761	-2.692	-26%	0,2%	98,3%
6.B. Waste-water Handling	CH ₄	7.696	7.187	-508	-7%	0,2%	98,4%
1.B.1. Solid Fuels	CO ₂	9.283	7.122	-2.161	-23%	0,2%	98,6%
6.C. Waste Incineration	CO ₂	6.660	6.269	-390	-6%	0,2%	98,8%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	6.167	0	0%	0,2%	98,9%
2 C Metal Production	PFC	5.637	5.637	0	0%	0,1%	99,1%
6.B. Waste-water Handling	N ₂ O	6.492	5.375	-1.117	-17%	0,1%	99,2%
3. Solvent and Other Product Use	CO ₂	6.067	5.338	-729	-12%	0,1%	99,3%
1.A.3. Transport	CH ₄	4.782	4.062	-720	-15%	0,1%	99,4%
3. Solvent and Other Product Use	N ₂ O	3.492	3.519	27	1%	0,1%	99,5%
4.C. Rice Cultivation	CH ₄	2.303	2.398	96	4%	0,1%	99,6%
2 C Metal Production	SF ₆	2.320	2.320	0	0%	0,1%	99,6%
4.D. Agricultural Soils	CO ₂	3.208	1.718	-1.490	-46%	0,0%	99,7%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.595	0	0%	0,0%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	1.447	421	41%	0,0%	99,7%
2.G. Other	CO ₂	1.111	1.336	225	20%	0,0%	99,8%
2.D. Other Production	CO ₂	1.299	1.207	-93	-7%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.194	13	1%	0,0%	99,8%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.145	-85	-7%	0,0%	99,9%
6.D. Other	CH ₄	801	999	198	25%	0,0%	99,9%
6.D. Other	CO ₂	881	910	29	3%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	744	41	6%	0,0%	99,9%
7. Other	CO ₂	641	700	59	9%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	546	24	5%	0,0%	99,9%
2.B. Chemical Industry	CH ₄	376	356	-20	-5%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	350	-94	-21%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	294	-7	-2%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	175	0	0%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	167	0	0%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	147	-269	-65%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	146	-4	-2%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	132	-6	-5%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	124	-139	-53%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	74	-21	-22%	0,0%	100,0%
2.G. Other	N ₂ O	41	44	3	6%	0,0%	100,0%
7. Other	CH ₄	43	43	0	1%	0,0%	100,0%
1.A.5. Other	CH ₄	57	36	-21	-37%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	19	-10	-33%	0,0%	100,0%
6.D. Other	N ₂ O	0	12	12	-	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	10	3	48%	0,0%	100,0%
2.G. Other	CH ₄	5	6	1	5%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	3	-1	-22%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0,0%	100,0%

Trend assessment for 1995

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1995	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	752.889	57.886	8%	2.0%	36.5%	36.5%
1.A.1. Energy Industries	CO ₂	1.144.434	1.079.944	-64.490	-6%	0.7%	13.5%	50.0%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	604.249	-38.099	-6%	0.5%	8.4%	58.4%
1.A.4. Other Sectors	CO ₂	635.096	633.655	-1.441	0%	0.5%	8.3%	66.7%
1.B.1. Solid Fuels	CH ₄	48.510	33.487	-15.023	-31%	0.3%	6.2%	73.0%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	96.560	-14.422	-13%	0.3%	5.1%	78.0%
1.A.5. Other	CO ₂	20.076	12.120	-7.957	-40%	0.2%	3.4%	81.4%
1.A.3. Transport	N ₂ O	11.660	18.334	6.674	57%	0.2%	3.2%	84.6%
4.D. Agricultural Soils	N ₂ O	214.489	201.510	-12.979	-6%	0.2%	2.9%	87.6%
2.B. Chemical Industry	N ₂ O	106.096	97.486	-8.610	-8%	0.1%	2.5%	90.0%
4.A. Enteric Fermentation	CH ₄	144.091	136.691	-7.400	-5%	0.1%	1.4%	91.4%
1.A.4. Other Sectors	CH ₄	10.453	7.761	-2.692	-26%	0.1%	1.1%	92.5%
1.B.1. Solid Fuels	CO ₂	9.283	7.122	-2.161	-23%	0.0%	0.9%	93.4%
4.D. Agricultural Soils	CO ₂	3.208	1.718	-1.490	-46%	0.0%	0.6%	94.0%
1.B.2. Oil and Natural Gas	CH ₄	32.969	30.731	-2.238	-7%	0.0%	0.6%	94.6%
4.B. Manure Management	N ₂ O	23.495	21.710	-1.785	-8%	0.0%	0.5%	95.0%
2.B. Chemical Industry	CO ₂	12.884	11.490	-1.394	-11%	0.0%	0.5%	95.5%
2 E Production of Halocarbons and SF ₆	HFC	32.373	32.373	0	0%	0.0%	0.5%	96.0%
1.A.4. Other Sectors	N ₂ O	10.765	9.468	-1.296	-12%	0.0%	0.4%	96.4%
6.B. Waste-water Handling	N ₂ O	6.492	5.375	-1.117	-17%	0.0%	0.4%	96.8%
1.B.2. Oil and Natural Gas	CO ₂	17.247	15.886	-1.361	-8%	0.0%	0.4%	97.2%
1.A.3. Transport	CH ₄	4.782	4.062	-720	-15%	0.0%	0.3%	97.5%
3. Solvent and Other Product Use	CO ₂	6.067	5.338	-729	-12%	0.0%	0.2%	97.7%
4.B. Manure Management	CH ₄	45.172	44.319	-853	-2%	0.0%	0.2%	98.0%
1.A.1. Energy Industries	CH ₄	1.026	1.447	421	41%	0.0%	0.2%	98.2%
2.A. Mineral Products	CO ₂	106.934	103.242	-3.691	-3%	0.0%	0.2%	98.4%
1.A.1. Energy Industries	N ₂ O	14.606	14.534	-72	0%	0.0%	0.2%	98.5%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	9.617	0	0%	0.0%	0.1%	98.7%
6.B. Waste-water Handling	CH ₄	7.696	7.187	-508	-7%	0.0%	0.1%	98.8%
2.G. Other	CO ₂	1.111	1.336	225	20%	0.0%	0.1%	98.9%
4.F. Field Burning of Agricultural Residues	CH ₄	416	147	-269	-65%	0.0%	0.1%	99.0%
6.D. Other	CH ₄	801	999	198	25%	0.0%	0.1%	99.1%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	6.167	0	0%	0.0%	0.1%	99.2%
6.C. Waste Incineration	CO ₂	6.660	6.269	-390	-6%	0.0%	0.1%	99.3%
2 C Metal Production	PFC	5.637	5.637	0	0%	0.0%	0.1%	99.4%
4.C. Rice Cultivation	CH ₄	2.303	2.398	96	4%	0.0%	0.1%	99.5%
2.C. Metal Production	CO ₂	25.702	24.759	-943	-4%	0.0%	0.1%	99.5%
3. Solvent and Other Product Use	N ₂ O	3.492	3.519	27	1%	0.0%	0.1%	99.6%
6.A. Solid Waste Disposal on Land	CO ₂	263	124	-139	-53%	0.0%	0.1%	99.7%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	350	-94	-21%	0.0%	0.0%	99.7%
7. Other	CO ₂	641	700	59	9%	0.0%	0.0%	99.7%
2 C Metal Production	SF ₆	2.320	2.320	0	0%	0.0%	0.0%	99.8%
6.C. Waste Incineration	CH ₄	704	744	41	6%	0.0%	0.0%	99.8%
6.D. Other	CO ₂	881	910	29	3%	0.0%	0.0%	99.8%
2.D. Other Production	CO ₂	1.299	1.207	-93	-7%	0.0%	0.0%	99.8%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	9.339	-245	-3%	0.0%	0.0%	99.9%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.595	0	0%	0.0%	0.0%	99.9%
7. Other	N ₂ O	1.181	1.194	13	1%	0.0%	0.0%	99.9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.145	-85	-7%	0.0%	0.0%	99.9%
6.C. Waste Incineration	N ₂ O	522	546	24	5%	0.0%	0.0%	100.0%
1.A.5. Other	CH ₄	57	36	-21	-37%	0.0%	0.0%	100.0%
1.B.2. Oil and Natural Gas	N ₂ O	95	74	-21	-22%	0.0%	0.0%	100.0%
6.D. Other	N ₂ O	0	12	12	-	0.0%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	19	-10	-33%	0.0%	0.0%	100.0%
2.B. Chemical Industry	CH ₄	376	356	-20	-5%	0.0%	0.0%	100.0%
2 E Production of Halocarbons and SF ₆	PFC	175	175	0	0%	0.0%	0.0%	100.0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	167	0	0%	0.0%	0.0%	100.0%
2.G. Other	N ₂ O	41	44	2	6%	0.0%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	10	3	48%	0.0%	0.0%	100.0%
1.A.5. Other	N ₂ O	300	294	-7	-2%	0.0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	132	-6	-5%	0.0%	0.0%	100.0%
7. Other	CH ₄	43	43	0	1%	0.0%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	146	-4	-2%	0.0%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	3	-1	-22%	0.0%	0.0%	100.0%
2.G. Other	CH ₄	5	6	0	5%	0.0%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0.0%	100.0%

Level assessment for 1996

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1996	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.093.426	-51.008	-4%	26,3%	26,3%
1.A.3. Transport	CO ₂	695.003	769.248	74.245	11%	18,5%	44,8%
1.A.4. Other Sectors	CO ₂	635.096	697.081	61.985	10%	16,8%	61,6%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	591.759	-50.589	-8%	14,2%	75,8%
4.D. Agricultural Soils	N ₂ O	214.489	203.973	-10.516	-5%	4,9%	80,7%
4.A. Enteric Fermentation	CH ₄	144.091	137.233	-6.858	-5%	3,3%	84,0%
2.B. Chemical Industry	N ₂ O	106.096	100.684	-5.412	-5%	2,4%	86,4%
2.A. Mineral Products	CO ₂	106.934	99.457	-7.477	-7%	2,4%	88,8%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	94.374	-16.608	-15%	2,3%	91,1%
4.B. Manure Management	CH ₄	45.172	44.219	-952	-2%	1,1%	92,2%
2 E Production of Halocarbons and SF ₆	HFC	32.373	33.715	1.342	4%	0,8%	93,0%
1.B.2. Oil and Natural Gas	CH ₄	32.969	31.073	-1.896	-6%	0,7%	93,7%
1.B.1. Solid Fuels	CH ₄	48.510	29.796	-18.714	-39%	0,7%	94,4%
2.C. Metal Production	CO ₂	25.702	23.716	-1.987	-8%	0,6%	95,0%
4.B. Manure Management	N ₂ O	23.495	21.781	-1.714	-7%	0,5%	95,5%
1.A.3. Transport	N ₂ O	11.660	19.746	8.086	69%	0,5%	96,0%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.256	-991	-6%	0,4%	96,4%
1.A.1. Energy Industries	N ₂ O	14.606	14.895	288	2%	0,4%	96,8%
1.A.5. Other	CO ₂	20.076	11.866	-8.210	-41%	0,3%	97,0%
2.B. Chemical Industry	CO ₂	12.884	11.079	-1.805	-14%	0,3%	97,3%
1.A.4. Other Sectors	N ₂ O	10.765	9.670	-1.095	-10%	0,2%	97,5%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	9.485	3.317	54%	0,2%	97,8%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	9.305	-312	-3%	0,2%	98,0%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.423	-1.161	-12%	0,2%	98,2%
1.A.4. Other Sectors	CH ₄	10.453	8.198	-2.255	-22%	0,2%	98,4%
1.B.1. Solid Fuels	CO ₂	9.283	7.356	-1.927	-21%	0,2%	98,6%
6.B. Waste-water Handling	CH ₄	7.696	7.285	-411	-5%	0,2%	98,7%
6.C. Waste Incineration	CO ₂	6.660	6.648	-11	0%	0,2%	98,9%
2 C Metal Production	PFC	5.637	5.538	-99	-2%	0,1%	99,0%
6.B. Waste-water Handling	N ₂ O	6.492	5.416	-1.076	-17%	0,1%	99,2%
3. Solvent and Other Product Use	CO ₂	6.067	5.341	-726	-12%	0,1%	99,3%
1.A.3. Transport	CH ₄	4.782	4.034	-748	-16%	0,1%	99,4%
3. Solvent and Other Product Use	N ₂ O	3.492	3.531	38	1%	0,1%	99,5%
2 C Metal Production	SF ₆	2.320	2.681	360	16%	0,1%	99,5%
4.C. Rice Cultivation	CH ₄	2.303	2.557	254	11%	0,1%	99,6%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.827	232	15%	0,0%	99,6%
4.D. Agricultural Soils	CO ₂	3.208	1.818	-1.390	-43%	0,0%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	1.601	575	56%	0,0%	99,7%
2.G. Other	CO ₂	1.111	1.444	333	30%	0,0%	99,8%
2.D. Other Production	CO ₂	1.299	1.266	-33	-3%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.189	8	1%	0,0%	99,8%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.100	-130	-11%	0,0%	99,8%
6.D. Other	CH ₄	801	1.065	264	33%	0,0%	99,9%
6.D. Other	CO ₂	881	1.056	175	20%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	752	48	7%	0,0%	99,9%
7. Other	CO ₂	641	699	58	9%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	532	9	2%	0,0%	99,9%
2.B. Chemical Industry	CH ₄	376	431	55	15%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	370	-74	-17%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	291	-10	-3%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	175	0	0%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	167	0	0%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	159	-256	-62%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	145	-4	-3%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	132	-6	-5%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	82	-181	-69%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	80	-15	-16%	0,0%	100,0%
2.G. Other	N ₂ O	41	44	3	7%	0,0%	100,0%
7. Other	CH ₄	43	42	-1	-2%	0,0%	100,0%
1.A.5. Other	CH ₄	57	30	-27	-47%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	18	-10	-36%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	11	3	49%	0,0%	100,0%
2.G. Other	CH ₄	5	7	1	27%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-1	-29%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0,0%	100,0%
6.D. Other	N ₂ O	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0,0%	100,0%

Trend assessment for 1996

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1996	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	769.248	74.245	11%	2.0%	24.5%	24.5%
1.A.4. Other Sectors	CO ₂	635.096	697.081	61.985	10%	1.7%	20.6%	45.1%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	591.759	-50.589	-8%	1.1%	13.1%	58.2%
1.A.1. Energy Industries	CO ₂	1.144.434	1.093.426	-51.008	-4%	0.9%	11.6%	69.8%
1.B.1. Solid Fuels	CH ₄	48.510	29.796	-18.714	-39%	0.4%	5.5%	75.2%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	94.374	-16.608	-15%	0.4%	4.6%	79.9%
4.D. Agricultural Soils	N ₂ O	214.489	203.973	-10.516	-5%	0.2%	2.5%	82.3%
1.A.3. Transport	N ₂ O	11.660	19.746	8.086	69%	0.2%	2.5%	84.8%
1.A.5. Other	CO ₂	20.076	11.866	-8.210	-41%	0.2%	2.4%	87.2%
2.A. Mineral Products	CO ₂	106.934	99.457	-7.477	-7%	0.2%	1.9%	89.1%
4.A. Enteric Fermentation	CH ₄	144.091	137.233	-6.858	-5%	0.1%	1.6%	90.7%
2.B. Chemical Industry	N ₂ O	106.096	100.684	-5.412	-5%	0.1%	1.3%	92.0%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	9.485	3.317	54%	0.1%	1.0%	93.0%
1.A.4. Other Sectors	CH ₄	10.453	8.198	-2.255	-22%	0.1%	0.6%	93.6%
1.B.1. Solid Fuels	CO ₂	9.283	7.356	-1.927	-21%	0.0%	0.5%	94.2%
2.C. Metal Production	CO ₂	25.702	23.716	-1.987	-8%	0.0%	0.5%	94.7%
2 E Production of Halocarbons and SF ₆	HFC	32.373	33.715	1.342	4%	0.0%	0.5%	95.2%
2.B. Chemical Industry	CO ₂	12.884	11.079	-1.805	-14%	0.0%	0.5%	95.7%
1.B.2. Oil and Natural Gas	CH ₄	32.969	31.073	-1.896	-6%	0.0%	0.5%	96.1%
4.B. Manure Management	N ₂ O	23.495	21.781	-1.714	-7%	0.0%	0.4%	96.6%
4.D. Agricultural Soils	CO ₂	3.208	1.818	-1.390	-43%	0.0%	0.4%	97.0%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.423	-1.161	-12%	0.0%	0.3%	97.3%
6.B. Waste-water Handling	N ₂ O	6.492	5.416	-1.076	-17%	0.0%	0.3%	97.6%
1.A.4. Other Sectors	N ₂ O	10.765	9.670	-1.095	-10%	0.0%	0.3%	97.9%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.256	-991	-6%	0.0%	0.2%	98.1%
1.A.3. Transport	CH ₄	4.782	4.034	-748	-16%	0.0%	0.2%	98.3%
3. Solvent and Other Product Use	CO ₂	6.067	5.341	-726	-12%	0.0%	0.2%	98.5%
1.A.1. Energy Industries	CH ₄	1.026	1.601	575	56%	0.0%	0.2%	98.7%
4.B. Manure Management	CH ₄	45.172	44.219	-952	-2%	0.0%	0.1%	98.9%
1.A.1. Energy Industries	N ₂ O	14.606	14.895	288	2%	0.0%	0.1%	99.0%
2 C Metal Production	SF ₆	2.320	2.681	360	16%	0.0%	0.1%	99.1%
2.G. Other	CO ₂	1.111	1.444	333	30%	0.0%	0.1%	99.2%
6.B. Waste-water Handling	CH ₄	7.696	7.285	-411	-5%	0.0%	0.1%	99.3%
4.C. Rice Cultivation	CH ₄	2.303	2.557	254	11%	0.0%	0.1%	99.4%
6.D. Other	CH ₄	801	1.065	264	33%	0.0%	0.1%	99.5%
4.F. Field Burning of Agricultural Residues	CH ₄	416	159	-256	-62%	0.0%	0.1%	99.6%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.827	232	15%	0.0%	0.1%	99.6%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	9.305	-312	-3%	0.0%	0.1%	99.7%
6.D. Other	CO ₂	881	1.056	175	20%	0.0%	0.1%	99.7%
6.A. Solid Waste Disposal on Land	CO ₂	263	82	-181	-69%	0.0%	0.1%	99.8%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.100	-130	-11%	0.0%	0.0%	99.8%
3. Solvent and Other Product Use	N ₂ O	3.492	3.531	38	1%	0.0%	0.0%	99.9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	370	-74	-17%	0.0%	0.0%	99.9%
7. Other	CO ₂	641	699	58	9%	0.0%	0.0%	99.9%
6.C. Waste Incineration	CO ₂	6.660	6.648	-11	0%	0.0%	0.0%	99.9%
2.B. Chemical Industry	CH ₄	376	431	55	15%	0.0%	0.0%	99.9%
6.C. Waste Incineration	CH ₄	704	752	48	7%	0.0%	0.0%	99.9%
2 C Metal Production	PFC	5.637	5.538	-99	-2%	0.0%	0.0%	100.0%
1.A.5. Other	CH ₄	57	30	-27	-47%	0.0%	0.0%	100.0%
7. Other	N ₂ O	1.181	1.189	8	1%	0.0%	0.0%	100.0%
2.D. Other Production	CO ₂	1.299	1.266	-33	-3%	0.0%	0.0%	100.0%
6.C. Waste Incineration	N ₂ O	522	532	9	2%	0.0%	0.0%	100.0%
1.B.2. Oil and Natural Gas	N ₂ O	95	80	-15	-16%	0.0%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	18	-10	-36%	0.0%	0.0%	100.0%
1.A.5. Other	N ₂ O	300	291	-10	-3%	0.0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	132	-6	-5%	0.0%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	11	3	49%	0.0%	0.0%	100.0%
2.G. Other	N ₂ O	41	44	3	7%	0.0%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	145	-4	-3%	0.0%	0.0%	100.0%
2 E Production of Halocarbons and SF ₆	PFC	175	175	0	0%	0.0%	0.0%	100.0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	167	0	0%	0.0%	0.0%	100.0%
2.G. Other	CH ₄	5	7	1	27%	0.0%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-29%	0.0%	0.0%	100.0%
7. Other	CH ₄	43	42	-1	-2%	0.0%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
6.D. Other	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0.0%	100.0%

Level assessment for 1997

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1997	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.058.364	-86.070	-8%	25,9%	25,9%
1.A.3. Transport	CO ₂	695.003	778.309	83.306	12%	19,0%	44,9%
1.A.4. Other Sectors	CO ₂	635.096	650.014	14.918	2%	15,9%	60,8%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	602.615	-39.734	-6%	14,7%	75,5%
4.D. Agricultural Soils	N ₂ O	214.489	205.198	-9.291	-4%	5,0%	80,5%
4.A. Enteric Fermentation	CH ₄	144.091	135.464	-8.627	-6%	3,3%	83,8%
2.A. Mineral Products	CO ₂	106.934	102.528	-4.406	-4%	2,5%	86,3%
2.B. Chemical Industry	N ₂ O	106.096	96.468	-9.628	-9%	2,4%	88,7%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	90.387	-20.595	-19%	2,2%	90,9%
4.B. Manure Management	CH ₄	45.172	44.530	-642	-1%	1,1%	92,0%
2 E Production of Halocarbons and SF ₆	HFC	32.373	36.217	3.844	12%	0,9%	92,9%
1.B.2. Oil and Natural Gas	CH ₄	32.969	29.738	-3.231	-10%	0,7%	93,6%
1.B.1. Solid Fuels	CH ₄	48.510	27.960	-20.550	-42%	0,7%	94,3%
2.C. Metal Production	CO ₂	25.702	24.126	-1.576	-6%	0,6%	94,9%
4.B. Manure Management	N ₂ O	23.495	21.888	-1.607	-7%	0,5%	95,4%
1.A.3. Transport	N ₂ O	11.660	20.964	9.304	80%	0,5%	95,9%
1.B.2. Oil and Natural Gas	CO ₂	17.247	15.778	-1.469	-9%	0,4%	96,3%
1.A.1. Energy Industries	N ₂ O	14.606	14.628	22	0%	0,4%	96,7%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	12.743	6.575	107%	0,3%	97,0%
1.A.5. Other	CO ₂	20.076	10.769	-9.307	-46%	0,3%	97,2%
2.B. Chemical Industry	CO ₂	12.884	10.742	-2.143	-17%	0,3%	97,5%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	9.441	-176	-2%	0,2%	97,7%
1.A.4. Other Sectors	N ₂ O	10.765	9.074	-1.690	-16%	0,2%	98,0%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.919	-664	-7%	0,2%	98,2%
1.B.1. Solid Fuels	CO ₂	9.283	8.073	-1.210	-13%	0,2%	98,4%
1.A.4. Other Sectors	CH ₄	10.453	7.687	-2.766	-26%	0,2%	98,6%
6.B. Waste-water Handling	CH ₄	7.696	7.410	-286	-4%	0,2%	98,7%
6.C. Waste Incineration	CO ₂	6.660	6.070	-590	-9%	0,1%	98,9%
6.B. Waste-water Handling	N ₂ O	6.492	5.418	-1.074	-17%	0,1%	99,0%
3. Solvent and Other Product Use	CO ₂	6.067	5.404	-663	-11%	0,1%	99,2%
2 C Metal Production	PFC	5.637	5.305	-332	-6%	0,1%	99,3%
1.A.3. Transport	CH ₄	4.782	3.818	-963	-20%	0,1%	99,4%
3. Solvent and Other Product Use	N ₂ O	3.492	3.535	43	1%	0,1%	99,5%
4.C. Rice Cultivation	CH ₄	2.303	2.541	238	10%	0,1%	99,5%
2 C Metal Production	SF ₆	2.320	2.463	142	6%	0,1%	99,6%
4.D. Agricultural Soils	CO ₂	3.208	2.055	-1.153	-36%	0,1%	99,6%
2.G. Other	CO ₂	1.111	1.716	606	55%	0,0%	99,7%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.694	98	6%	0,0%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	1.624	598	58%	0,0%	99,8%
6.D. Other	CO ₂	881	1.245	364	41%	0,0%	99,8%
2.D. Other Production	CO ₂	1.299	1.181	-119	-9%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.178	-3	0%	0,0%	99,8%
6.D. Other	CH ₄	801	1.173	372	46%	0,0%	99,9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.098	-132	-11%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	826	122	17%	0,0%	99,9%
7. Other	CO ₂	641	558	-82	-13%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	540	18	3%	0,0%	99,9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	386	-59	-13%	0,0%	100,0%
2.B. Chemical Industry	CH ₄	376	349	-27	-7%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	282	-18	-6%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	191	24	14%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	175	0	0%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	148	-268	-65%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	145	-5	-3%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	132	-7	-5%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	69	-26	-28%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	66	-198	-75%	0,0%	100,0%
2.G. Other	N ₂ O	41	48	6	15%	0,0%	100,0%
7. Other	CH ₄	43	42	-1	-3%	0,0%	100,0%
1.A.5. Other	CH ₄	57	30	-28	-49%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	19	-10	-35%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	10	3	47%	0,0%	100,0%
2.G. Other	CH ₄	5	6	1	17%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-45%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0,0%	100,0%
6.D. Other	N ₂ O	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0,0%	100,0%

Trend assessment for 1997

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1997	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	778.309	83.306	12%	2.6%	32.1%	32.1%
1.A.1. Energy Industries	CO ₂	1.144.434	1.058.364	-86.070	-8%	1.4%	17.6%	49.7%
1.A.4. Other Sectors	CO ₂	635.096	650.014	14.918	2%	0.8%	10.0%	59.7%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	602.615	-39.734	-6%	0.6%	7.2%	66.9%
1.B.1. Solid Fuels	CH ₄	48.510	27.960	-20.550	-42%	0.5%	6.1%	73.0%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	90.387	-20.595	-19%	0.4%	5.6%	78.6%
1.A.3. Transport	N ₂ O	11.660	20.964	9.304	80%	0.2%	3.0%	81.6%
1.A.5. Other	CO ₂	20.076	10.769	-9.307	-46%	0.2%	2.8%	84.4%
2.B. Chemical Industry	N ₂ O	106.096	96.468	-9.628	-9%	0.2%	2.2%	86.5%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	12.743	6.575	107%	0.2%	2.1%	88.6%
4.A. Enteric Fermentation	CH ₄	144.091	135.464	-8.627	-6%	0.1%	1.5%	90.2%
2 E Production of Halocarbons and SF ₆	HFC	32.373	36.217	3.844	12%	0.1%	1.5%	91.6%
4.D. Agricultural Soils	N ₂ O	214.489	205.198	-9.291	-4%	0.1%	1.1%	92.8%
1.A.4. Other Sectors	CH ₄	10.453	7.687	-2.766	-26%	0.1%	0.8%	93.6%
1.B.2. Oil and Natural Gas	CH ₄	32.969	29.738	-3.231	-10%	0.1%	0.7%	94.3%
2.B. Chemical Industry	CO ₂	12.884	10.742	-2.143	-17%	0.0%	0.6%	94.9%
2.A. Mineral Products	CO ₂	106.934	102.528	-4.406	-4%	0.0%	0.5%	95.4%
1.A.4. Other Sectors	N ₂ O	10.765	9.074	-1.690	-16%	0.0%	0.4%	95.8%
4.D. Agricultural Soils	CO ₂	3.208	2.055	-1.153	-36%	0.0%	0.3%	96.2%
1.B.2. Oil and Natural Gas	CO ₂	17.247	15.778	-1.469	-9%	0.0%	0.3%	96.5%
4.B. Manure Management	N ₂ O	23.495	21.888	-1.607	-7%	0.0%	0.3%	96.8%
1.B.1. Solid Fuels	CO ₂	9.283	8.073	-1.210	-13%	0.0%	0.3%	97.1%
6.B. Waste-water Handling	N ₂ O	6.492	5.418	-1.074	-17%	0.0%	0.3%	97.4%
2.C. Metal Production	CO ₂	25.702	24.126	-1.576	-6%	0.0%	0.3%	97.7%
1.A.3. Transport	CH ₄	4.782	3.818	-963	-20%	0.0%	0.3%	97.9%
2.G. Other	CO ₂	1.111	1.716	606	55%	0.0%	0.2%	98.1%
1.A.1. Energy Industries	CH ₄	1.026	1.624	598	58%	0.0%	0.2%	98.3%
4.B. Manure Management	CH ₄	45.172	44.530	-642	-1%	0.0%	0.2%	98.5%
3. Solvent and Other Product Use	CO ₂	6.067	5.404	-663	-11%	0.0%	0.2%	98.7%
6.C. Waste Incineration	CO ₂	6.660	6.070	-590	-9%	0.0%	0.1%	98.8%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.919	-664	-7%	0.0%	0.1%	98.9%
1.A.1. Energy Industries	N ₂ O	14.606	14.628	22	0%	0.0%	0.1%	99.1%
6.D. Other	CH ₄	801	1.173	372	46%	0.0%	0.1%	99.2%
6.D. Other	CO ₂	881	1.245	364	41%	0.0%	0.1%	99.3%
4.C. Rice Cultivation	CH ₄	2.303	2.541	238	10%	0.0%	0.1%	99.4%
4.F. Field Burning of Agricultural Residues	CH ₄	416	148	-268	-65%	0.0%	0.1%	99.5%
2 C Metal Production	SF ₆	2.320	2.463	142	6%	0.0%	0.1%	99.5%
6.A. Solid Waste Disposal on Land	CO ₂	263	66	-198	-75%	0.0%	0.1%	99.6%
2 C Metal Production	PFC	5.637	5.305	-332	-6%	0.0%	0.1%	99.7%
6.C. Waste Incineration	CH ₄	704	826	122	17%	0.0%	0.0%	99.7%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.694	98	6%	0.0%	0.0%	99.8%
3. Solvent and Other Product Use	N ₂ O	3.492	3.535	43	1%	0.0%	0.0%	99.8%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.098	-132	-11%	0.0%	0.0%	99.8%
2.D. Other Production	CO ₂	1.299	1.181	-119	-9%	0.0%	0.0%	99.9%
6.B. Waste-water Handling	CH ₄	7.696	7.410	-286	-4%	0.0%	0.0%	99.9%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	9.441	-176	-2%	0.0%	0.0%	99.9%
7. Other	CO ₂	641	558	-82	-13%	0.0%	0.0%	99.9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	386	-59	-13%	0.0%	0.0%	99.9%
6.C. Waste Incineration	N ₂ O	522	540	18	3%	0.0%	0.0%	99.9%
2 E Production of Halocarbons and SF ₆	SF ₆	167	191	24	14%	0.0%	0.0%	100.0%
7. Other	N ₂ O	1.181	1.178	-3	0%	0.0%	0.0%	100.0%
1.A.5. Other	CH ₄	57	30	-28	-49%	0.0%	0.0%	100.0%
1.B.2. Oil and Natural Gas	N ₂ O	95	69	-26	-28%	0.0%	0.0%	100.0%
2.B. Chemical Industry	CH ₄	376	349	-27	-7%	0.0%	0.0%	100.0%
1.A.5. Other	N ₂ O	300	282	-18	-6%	0.0%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	19	-10	-35%	0.0%	0.0%	100.0%
2.G. Other	N ₂ O	41	48	6	15%	0.0%	0.0%	100.0%
2 E Production of Halocarbons and SF ₆	PFC	175	175	0	0%	0.0%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	10	3	47%	0.0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	132	-7	-5%	0.0%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-45%	0.0%	0.0%	100.0%
2.G. Other	CH ₄	5	6	1	17%	0.0%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	145	-5	-3%	0.0%	0.0%	100.0%
7. Other	CH ₄	43	42	-1	-3%	0.0%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
6.D. Other	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0.0%	100.0%

Level assessment for 1998

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1998	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.088.645	-55.789	-5%	26,5%	26,5%
1.A.3. Transport	CO ₂	695.003	802.558	107.555	15%	19,5%	45,9%
1.A.4. Other Sectors	CO ₂	635.096	650.818	15.723	2%	15,8%	61,8%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	598.874	-43.474	-7%	14,6%	76,3%
4.D. Agricultural Soils	N ₂ O	214.489	203.993	-10.496	-5%	5,0%	81,3%
4.A. Enteric Fermentation	CH ₄	144.091	134.664	-9.427	-7%	3,3%	84,5%
2.A. Mineral Products	CO ₂	106.934	104.698	-2.236	-2%	2,5%	87,1%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	87.315	-23.667	-21%	2,1%	89,2%
2.B. Chemical Industry	N ₂ O	106.096	73.243	-32.854	-31%	1,8%	91,0%
4.B. Manure Management	CH ₄	45.172	44.939	-233	-1%	1,1%	92,1%
2 E Production of Halocarbons and SF ₆	HFC	32.373	37.080	4.707	15%	0,9%	93,0%
1.B.2. Oil and Natural Gas	CH ₄	32.969	29.488	-3.481	-11%	0,7%	93,7%
1.B.1. Solid Fuels	CH ₄	48.510	24.937	-23.573	-49%	0,6%	94,3%
2.C. Metal Production	CO ₂	25.702	22.763	-2.940	-11%	0,6%	94,9%
1.A.3. Transport	N ₂ O	11.660	22.577	10.917	94%	0,5%	95,4%
4.B. Manure Management	N ₂ O	23.495	21.826	-1.669	-7%	0,5%	95,9%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.210	-1.037	-6%	0,4%	96,3%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	15.777	9.610	156%	0,4%	96,7%
1.A.1. Energy Industries	N ₂ O	14.606	15.227	621	4%	0,4%	97,1%
2.B. Chemical Industry	CO ₂	12.884	10.877	-2.008	-16%	0,3%	97,3%
1.A.5. Other	CO ₂	20.076	9.736	-10.340	-52%	0,2%	97,6%
1.A.4. Other Sectors	N ₂ O	10.765	9.252	-1.513	-14%	0,2%	97,8%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	9.182	-435	-5%	0,2%	98,0%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.851	-732	-8%	0,2%	98,2%
1.B.1. Solid Fuels	CO ₂	9.283	7.970	-1.314	-14%	0,2%	98,4%
1.A.4. Other Sectors	CH ₄	10.453	7.661	-2.792	-27%	0,2%	98,6%
6.B. Waste-water Handling	CH ₄	7.696	7.596	-100	-1%	0,2%	98,8%
6.C. Waste Incineration	CO ₂	6.660	5.741	-919	-14%	0,1%	98,9%
6.B. Waste-water Handling	N ₂ O	6.492	5.470	-1.022	-16%	0,1%	99,1%
3. Solvent and Other Product Use	CO ₂	6.067	5.448	-619	-10%	0,1%	99,2%
2 C Metal Production	PFC	5.637	5.138	-499	-9%	0,1%	99,3%
1.A.3. Transport	CH ₄	4.782	3.698	-1.084	-23%	0,1%	99,4%
3. Solvent and Other Product Use	N ₂ O	3.492	3.526	34	1%	0,1%	99,5%
4.C. Rice Cultivation	CH ₄	2.303	2.419	116	5%	0,1%	99,6%
2 C Metal Production	SF ₆	2.320	2.182	-139	-6%	0,1%	99,6%
4.D. Agricultural Soils	CO ₂	3.208	2.024	-1.184	-37%	0,0%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	1.660	634	62%	0,0%	99,7%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.548	-47	-3%	0,0%	99,8%
2.D. Other Production	CO ₂	1.299	1.205	-94	-7%	0,0%	99,8%
6.D. Other	CH ₄	801	1.199	399	50%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.184	3	0%	0,0%	99,8%
2.G. Other	CO ₂	1.111	1.140	30	3%	0,0%	99,9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.086	-145	-12%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	799	95	13%	0,0%	99,9%
7. Other	CO ₂	641	721	80	12%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	539	16	3%	0,0%	99,9%
6.D. Other	CO ₂	881	455	-426	-48%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	339	-105	-24%	0,0%	100,0%
2.B. Chemical Industry	CH ₄	376	316	-60	-16%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	215	48	29%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	175	0	0%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	157	-144	-48%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	147	-269	-65%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	144	-6	-4%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	130	-8	-6%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	65	-30	-31%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	59	-205	-78%	0,0%	100,0%
2.G. Other	N ₂ O	41	46	5	11%	0,0%	100,0%
7. Other	CH ₄	43	41	-2	-6%	0,0%	100,0%
1.A.5. Other	CH ₄	57	27	-31	-54%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	19	-10	-34%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	9	2	30%	0,0%	100,0%
2.G. Other	CH ₄	5	8	3	50%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-1	-30%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0,0%	100,0%
6.D. Other	N ₂ O	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0,0%	100,0%

Trend assessment for 1998

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1998	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	802.558	107.555	15%	3.0%	33.8%	33.8%
1.A.1. Energy Industries	CO ₂	1.144.434	1.088.645	-55.789	-5%	0.8%	8.9%	42.7%
2.B. Chemical Industry	N ₂ O	106.096	73.243	-32.854	-31%	0.8%	8.5%	51.2%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	598.874	-43.474	-7%	0.8%	8.4%	59.6%
1.A.4. Other Sectors	CO ₂	635.096	650.818	15.723	2%	0.7%	8.0%	67.6%
1.B.1. Solid Fuels	CH ₄	48.510	24.937	-23.573	-49%	0.6%	6.3%	73.9%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	87.315	-23.667	-21%	0.5%	5.9%	79.8%
1.A.3. Transport	N ₂ O	11.660	22.577	10.917	94%	0.3%	3.1%	82.9%
1.A.5. Other	CO ₂	20.076	9.736	-10.340	-52%	0.2%	2.8%	85.6%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	15.777	9.610	156%	0.2%	2.7%	88.3%
4.A. Enteric Fermentation	CH ₄	144.091	134.664	-9.427	-7%	0.2%	1.8%	90.1%
4.D. Agricultural Soils	N ₂ O	214.489	203.993	-10.496	-5%	0.2%	1.7%	91.8%
2 E Production of Halocarbons and SF ₆	HFC	32.373	37.080	4.707	15%	0.1%	1.5%	93.3%
1.B.2. Oil and Natural Gas	CH ₄	32.969	29.488	-3.481	-11%	0.1%	0.8%	94.1%
1.A.4. Other Sectors	CH ₄	10.453	7.661	-2.792	-27%	0.1%	0.7%	94.8%
2.C. Metal Production	CO ₂	25.702	22.763	-2.940	-11%	0.1%	0.7%	95.5%
2.B. Chemical Industry	CO ₂	12.884	10.877	-2.008	-16%	0.0%	0.5%	95.9%
1.A.4. Other Sectors	N ₂ O	10.765	9.252	-1.513	-14%	0.0%	0.4%	96.3%
4.B. Manure Management	N ₂ O	23.495	21.826	-1.669	-7%	0.0%	0.3%	96.6%
1.B.1. Solid Fuels	CO ₂	9.283	7.970	-1.314	-14%	0.0%	0.3%	96.9%
4.D. Agricultural Soils	CO ₂	3.208	2.024	-1.184	-37%	0.0%	0.3%	97.2%
1.A.3. Transport	CH ₄	4.782	3.698	-1.084	-23%	0.0%	0.3%	97.5%
1.A.1. Energy Industries	N ₂ O	14.606	15.227	621	4%	0.0%	0.3%	97.8%
6.B. Waste-water Handling	N ₂ O	6.492	5.470	-1.022	-16%	0.0%	0.2%	98.0%
6.C. Waste Incineration	CO ₂	6.660	5.741	-919	-14%	0.0%	0.2%	98.2%
4.B. Manure Management	CH ₄	45.172	44.939	-233	-1%	0.0%	0.2%	98.4%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.210	-1.037	-6%	0.0%	0.2%	98.6%
1.A.1. Energy Industries	CH ₄	1.026	1.660	634	62%	0.0%	0.2%	98.8%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.851	-732	-8%	0.0%	0.1%	99.0%
3. Solvent and Other Product Use	CO ₂	6.067	5.448	-619	-10%	0.0%	0.1%	99.1%
6.D. Other	CH ₄	801	1.199	399	50%	0.0%	0.1%	99.2%
6.D. Other	CO ₂	881	455	-426	-48%	0.0%	0.1%	99.3%
2 C Metal Production	PFC	5.637	5.138	-499	-9%	0.0%	0.1%	99.4%
4 F. Field Burning of Agricultural Residues	CH ₄	416	147	-269	-65%	0.0%	0.1%	99.5%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	9.182	-435	-5%	0.0%	0.1%	99.6%
6.A. Solid Waste Disposal on Land	CO ₂	263	59	-205	-78%	0.0%	0.1%	99.6%
4.C. Rice Cultivation	CH ₄	2.303	2.419	116	5%	0.0%	0.0%	99.7%
1.A.5. Other	N ₂ O	300	157	-144	-48%	0.0%	0.0%	99.7%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.086	-145	-12%	0.0%	0.0%	99.7%
6.C. Waste Incineration	CH ₄	704	799	95	13%	0.0%	0.0%	99.8%
3. Solvent and Other Product Use	N ₂ O	3.492	3.526	34	1%	0.0%	0.0%	99.8%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	339	-105	-24%	0.0%	0.0%	99.8%
7. Other	CO ₂	641	721	80	12%	0.0%	0.0%	99.8%
2 C Metal Production	SF ₆	2.320	2.182	-139	-6%	0.0%	0.0%	99.9%
2.D. Other Production	CO ₂	1.299	1.205	-94	-7%	0.0%	0.0%	99.9%
6.B. Waste-water Handling	CH ₄	7.696	7.596	-100	-1%	0.0%	0.0%	99.9%
2.G. Other	CO ₂	1.111	1.140	30	3%	0.0%	0.0%	99.9%
2.B. Chemical Industry	CH ₄	376	316	-60	-16%	0.0%	0.0%	99.9%
2 E Production of Halocarbons and SF ₆	SF ₆	167	215	48	29%	0.0%	0.0%	99.9%
2.A. Mineral Products	CO ₂	106.934	104.698	-2.236	-2%	0.0%	0.0%	100.0%
1.A.5. Other	CH ₄	57	27	-31	-54%	0.0%	0.0%	100.0%
7. Other	N ₂ O	1.181	1.184	3	0%	0.0%	0.0%	100.0%
1.B.2. Oil and Natural Gas	N ₂ O	95	65	-30	-31%	0.0%	0.0%	100.0%
6.C. Waste Incineration	N ₂ O	522	539	16	3%	0.0%	0.0%	100.0%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.548	-47	-3%	0.0%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	19	-10	-34%	0.0%	0.0%	100.0%
2.G. Other	N ₂ O	41	46	5	11%	0.0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	130	-8	-6%	0.0%	0.0%	100.0%
2 E Production of Halocarbons and SF ₆	PFC	175	175	0	0%	0.0%	0.0%	100.0%
2.G. Other	CH ₄	5	8	3	50%	0.0%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	144	-6	-4%	0.0%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	9	2	30%	0.0%	0.0%	100.0%
7. Other	CH ₄	43	41	-2	-6%	0.0%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-50%	0.0%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
6.D. Other	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0.0%	100.0%

Level assessment for 1999

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1999	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.070.061	-74.373	-6%	26,4%	26,4%
1.A.3. Transport	CO ₂	695.003	822.186	127.183	18%	20,3%	46,7%
1.A.4. Other Sectors	CO ₂	635.096	636.724	1.628	0%	15,7%	62,4%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	590.241	-52.108	-8%	14,6%	77,0%
4.D. Agricultural Soils	N ₂ O	214.489	204.504	-9.985	-5%	5,0%	82,0%
4.A. Enteric Fermentation	CH ₄	144.091	134.098	-9.993	-7%	3,3%	85,3%
2.A. Mineral Products	CO ₂	106.934	105.931	-1.003	-1%	2,6%	88,0%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	83.902	-27.080	-24%	2,1%	90,0%
2.B. Chemical Industry	N ₂ O	106.096	50.435	-55.662	-52%	1,2%	91,3%
4.B. Manure Management	CH ₄	45.172	44.715	-457	-1%	1,1%	92,4%
1.B.2. Oil and Natural Gas	CH ₄	32.969	28.883	-4.086	-12%	0,7%	93,1%
1.A.3. Transport	N ₂ O	11.660	23.999	12.339	106%	0,6%	93,7%
2.C. Metal Production	CO ₂	25.702	23.640	-2.062	-8%	0,6%	94,3%
1.B.1. Solid Fuels	CH ₄	48.510	22.359	-26.150	-54%	0,6%	94,8%
4.B. Manure Management	N ₂ O	23.495	21.816	-1.679	-7%	0,5%	95,4%
2 E Production of Halocarbons and SF ₆	HFC	32.373	21.152	-11.221	-35%	0,5%	95,9%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	18.817	12.650	205%	0,5%	96,3%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.098	-1.150	-7%	0,4%	96,7%
1.A.1. Energy Industries	N ₂ O	14.606	15.117	510	3%	0,4%	97,1%
2.B. Chemical Industry	CO ₂	12.884	10.329	-2.556	-20%	0,3%	97,4%
1.A.4. Other Sectors	N ₂ O	10.765	9.384	-1.380	-13%	0,2%	97,6%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.834	-749	-8%	0,2%	97,8%
1.A.5. Other	CO ₂	20.076	8.258	-11.819	-59%	0,2%	98,0%
1.B.1. Solid Fuels	CO ₂	9.283	7.999	-1.285	-14%	0,2%	98,2%
1.A.4. Other Sectors	CH ₄	10.453	7.640	-2.813	-27%	0,2%	98,4%
6.B. Waste-water Handling	CH ₄	7.696	7.622	-74	-1%	0,2%	98,6%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	7.224	-2.393	-25%	0,2%	98,8%
6.C. Waste Incineration	CO ₂	6.660	5.749	-911	-14%	0,1%	98,9%
6.B. Waste-water Handling	N ₂ O	6.492	5.485	-1.007	-16%	0,1%	99,1%
3. Solvent and Other Product Use	CO ₂	6.067	5.435	-632	-10%	0,1%	99,2%
2 C Metal Production	PFC	5.637	4.667	-970	-17%	0,1%	99,3%
1.A.3. Transport	CH ₄	4.782	3.538	-1.244	-26%	0,1%	99,4%
3. Solvent and Other Product Use	N ₂ O	3.492	3.502	9	0%	0,1%	99,5%
4.C. Rice Cultivation	CH ₄	2.303	2.349	46	2%	0,1%	99,5%
2 C Metal Production	SF ₆	2.320	2.067	-253	-11%	0,1%	99,6%
4.D. Agricultural Soils	CO ₂	3.208	2.007	-1.201	-37%	0,0%	99,6%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	1.943	348	22%	0,0%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	1.902	876	85%	0,0%	99,7%
2.D. Other Production	CO ₂	1.299	1.296	-3	0%	0,0%	99,8%
6.D. Other	CH ₄	801	1.274	474	59%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.186	5	0%	0,0%	99,8%
2.G. Other	CO ₂	1.111	1.121	11	1%	0,0%	99,9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.104	-127	-10%	0,0%	99,9%
6.D. Other	CO ₂	881	1.022	141	16%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	811	107	15%	0,0%	99,9%
7. Other	CO ₂	641	751	110	17%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	543	20	4%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	324	-120	-27%	0,0%	100,0%
2.B. Chemical Industry	CH ₄	376	306	-70	-19%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	191	24	14%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	143	-6	-4%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	140	-276	-66%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	129	-171	-57%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	129	-10	-7%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	84	-91	-52%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	67	-28	-29%	0,0%	100,0%
2.G. Other	N ₂ O	41	58	16	39%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	54	-209	-79%	0,0%	100,0%
7. Other	CH ₄	43	41	-2	-5%	0,0%	100,0%
1.A.5. Other	CH ₄	57	23	-35	-61%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	17	-12	-42%	0,0%	100,0%
6.D. Other	N ₂ O	0	11	11	-	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	9	2	33%	0,0%	100,0%
2.G. Other	CH ₄	5	6	1	15%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-1	-35%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0,0%	100,0%

Trend assessment for 1999

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	1999	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	822.186	127.183	18%	3.9%	36.2%	36.2%
2.B. Chemical Industry	N ₂ O	106.096	50.435	-55.662	-52%	1.3%	12.3%	48.5%
1.A.1. Energy Industries	CO ₂	1,144,434	1,070,061	-74,373	-6%	0.9%	7.9%	56.4%
1.A.2. Manufacturing Industries and Construction	CO ₂	642,348	590,241	-52,108	-8%	0.7%	6.9%	63.3%
1.A.4. Other Sectors	CO ₂	635,096	636,724	1,628	0%	0.6%	5.8%	69.2%
1.B.1. Solid Fuels	CH ₄	48,510	22,359	-26,150	-54%	0.6%	5.8%	75.0%
6.A. Solid Waste Disposal on Land	CH ₄	110,982	83,902	-27,080	-24%	0.6%	5.5%	80.4%
2 F Consumption of Halocarbons and SF ₆	HFC	6,167	18,817	12,650	205%	0.3%	3,1%	83.5%
1.A.3. Transport	N ₂ O	11,660	23,999	12,339	106%	0.3%	3,0%	86.5%
1.A.5. Other	CO ₂	20,076	8,258	-11,819	-59%	0.3%	2,6%	89.2%
2 E Production of Halocarbons and SF ₆	HFC	32,373	21,152	-11,221	-35%	0.3%	2,4%	91.6%
4.A. Enteric Fermentation	CH ₄	144,091	134,098	-9,993	-7%	0.1%	1,1%	92.7%
1.B.2. Oil and Natural Gas	CH ₄	32,969	28,883	-4,086	-12%	0.1%	0,7%	93.4%
2.A. Mineral Products	CO ₂	106,934	105,931	-1,003	-1%	0.1%	0,7%	94.1%
1.A.4. Other Sectors	CH ₄	10,453	7,640	-2,813	-27%	0.1%	0,6%	94.7%
4.D. Agricultural Soils	N ₂ O	214,489	204,504	-9,985	-5%	0.1%	0,5%	95.2%
2.B. Chemical Industry	CO ₂	12,884	10,329	-2,556	-20%	0.1%	0,5%	95.7%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9,617	7,224	-2,393	-25%	0.1%	0,5%	96.2%
4.B. Manure Management	CH ₄	45,172	44,715	-457	-1%	0.0%	0,3%	96.5%
2.C. Metal Production	CO ₂	25,702	23,640	-2,062	-8%	0.0%	0,3%	96.7%
4.D. Agricultural Soils	CO ₂	3,208	2,007	-1,201	-37%	0.0%	0,3%	97.0%
1.A.3. Transport	CH ₄	4,782	3,538	-1,244	-26%	0.0%	0,3%	97.3%
1.A.1. Energy Industries	N ₂ O	14,606	15,117	510	3%	0.0%	0,2%	97.5%
1.A.4. Other Sectors	N ₂ O	10,765	9,384	-1,380	-13%	0.0%	0,2%	97.7%
1.B.1. Solid Fuels	CO ₂	9,283	7,999	-1,285	-14%	0.0%	0,2%	98.0%
1.A.1. Energy Industries	CH ₄	1,026	1,902	876	85%	0.0%	0,2%	98.2%
4.B. Manure Management	N ₂ O	23,495	21,816	-1,679	-7%	0.0%	0,2%	98.4%
6.B. Waste-water Handling	N ₂ O	6,492	5,485	-1,007	-16%	0.0%	0,2%	98.6%
2 C Metal Production	PFC	5,637	4,667	-970	-17%	0.0%	0,2%	98.7%
6.C. Waste Incineration	CO ₂	6,660	5,749	-911	-14%	0.0%	0,2%	98.9%
1.B.2. Oil and Natural Gas	CO ₂	17,247	16,098	-1,150	-7%	0.0%	0,1%	99.0%
6.D. Other	CH ₄	801	1,274	474	59%	0.0%	0,1%	99.2%
3. Solvent and Other Product Use	CO ₂	6,067	5,435	-632	-10%	0.0%	0,1%	99.3%
2 F Consumption of Halocarbons and SF ₆	PFC	1,595	1,943	348	22%	0.0%	0,1%	99.3%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9,583	8,834	-749	-8%	0.0%	0,1%	99.4%
4.F. Field Burning of Agricultural Residues	CH ₄	416	140	-276	-66%	0.0%	0,1%	99.5%
6.B. Waste-water Handling	CH ₄	7,696	7,622	-74	-1%	0.0%	0,0%	99.6%
6.A. Solid Waste Disposal on Land	CO ₂	263	54	-209	-79%	0.0%	0,0%	99.6%
6.D. Other	CO ₂	881	1,022	141	16%	0.0%	0,0%	99.6%
2 C Metal Production	SF ₆	2,320	2,067	-253	-11%	0.0%	0,0%	99.7%
1.A.5. Other	N ₂ O	300	129	-171	-57%	0.0%	0,0%	99.7%
3. Solvent and Other Product Use	N ₂ O	3,492	3,502	9	0%	0.0%	0,0%	99.8%
7. Other	CO ₂	641	751	110	17%	0.0%	0,0%	99.8%
6.C. Waste Incineration	CH ₄	704	811	107	15%	0.0%	0,0%	99.8%
4.C. Rice Cultivation	CH ₄	2,303	2,349	46	2%	0.0%	0,0%	99.8%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	324	-120	-27%	0.0%	0,0%	99.9%
2 E Production of Halocarbons and SF ₆	PFC	175	84	-91	-52%	0.0%	0,0%	99.9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1,231	1,104	-127	-10%	0.0%	0,0%	99.9%
2.B. Chemical Industry	CH ₄	376	306	-70	-19%	0.0%	0,0%	99.9%
2.G. Other	CO ₂	1,111	1,121	11	1%	0.0%	0,0%	99.9%
7. Other	N ₂ O	1,181	1,186	5	0%	0.0%	0,0%	99.9%
2.D. Other Production	CO ₂	1,299	1,296	-3	0%	0.0%	0,0%	100.0%
6.C. Waste Incineration	N ₂ O	522	543	20	4%	0.0%	0,0%	100.0%
1.A.5. Other	CH ₄	57	23	-35	-61%	0.0%	0,0%	100.0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	191	24	14%	0.0%	0,0%	100.0%
1.B.2. Oil and Natural Gas	N ₂ O	95	67	-28	-29%	0.0%	0,0%	100.0%
2.G. Other	N ₂ O	41	58	16	39%	0.0%	0,0%	100.0%
2.A. Mineral Products	CH ₄	29	17	-12	-42%	0.0%	0,0%	100.0%
6.D. Other	N ₂ O	0	11	11	#DIV/0!	0.0%	0,0%	100.0%
2.C. Metal Production	CH ₄	138	129	-10	-7%	0.0%	0,0%	100.0%
2.C. Metal Production	N ₂ O	7	9	2	33%	0.0%	0,0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	2	-1	-35%	0.0%	0,0%	100.0%
2.G. Other	CH ₄	5	6	1	15%	0.0%	0,0%	100.0%
4.D. Agricultural Soils	CH ₄	150	143	-6	-4%	0.0%	0,0%	100.0%
7. Other	CH ₄	43	41	-2	-5%	0.0%	0,0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0,0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0,0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0,0%	100.0%

Level assessment for 2000

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	2000	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.102.660	-41.774	-4%	27,1%	27,1%
1.A.3. Transport	CO ₂	695.003	823.606	128.603	19%	20,3%	47,4%
1.A.4. Other Sectors	CO ₂	635.096	621.237	-13.858	-2%	15,3%	62,7%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	590.851	-51.498	-8%	14,5%	77,2%
4.D. Agricultural Soils	N ₂ O	214.489	203.101	-11.388	-5%	5,0%	82,2%
4.A. Enteric Fermentation	CH ₄	144.091	132.246	-11.846	-8%	3,3%	85,5%
2.A. Mineral Products	CO ₂	106.934	107.476	542	1%	2,6%	88,1%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	81.929	-29.053	-26%	2,0%	90,1%
2.B. Chemical Industry	N ₂ O	106.096	49.777	-56.319	-53%	1,2%	91,4%
4.B. Manure Management	CH ₄	45.172	45.076	-96	0%	1,1%	92,5%
1.B.2. Oil and Natural Gas	CH ₄	32.969	28.135	-4.834	-15%	0,7%	93,2%
1.A.3. Transport	N ₂ O	11.660	24.873	13.213	113%	0,6%	93,8%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	24.801	18.634	302%	0,6%	94,4%
2 C. Metal Production	CO ₂	25.702	23.976	-1.727	-7%	0,6%	95,0%
4.B. Manure Management	N ₂ O	23.495	21.349	-2.147	-9%	0,5%	95,5%
1.B.1. Solid Fuels	CH ₄	48.510	18.995	-29.515	-61%	0,5%	96,0%
2 E Production of Halocarbons and SF ₆	HFC	32.373	18.203	-14.170	-44%	0,4%	96,4%
1.B.2. Oil and Natural Gas	CO ₂	17.247	15.880	-1.368	-8%	0,4%	96,8%
1.A.1. Energy Industries	N ₂ O	14.606	15.297	691	5%	0,4%	97,2%
2.B. Chemical Industry	CO ₂	12.884	10.781	-2.103	-16%	0,3%	97,4%
1.A.4. Other Sectors	N ₂ O	10.765	9.345	-1.419	-13%	0,2%	97,7%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.500	-1.084	-11%	0,2%	97,9%
1.B.1. Solid Fuels	CO ₂	9.283	7.764	-1.519	-16%	0,2%	98,1%
1.A.5. Other	CO ₂	20.076	7.625	-12.451	-62%	0,2%	98,3%
6.B. Waste-water Handling	CH ₄	7.696	7.532	-163	-2%	0,2%	98,5%
1.A.4. Other Sectors	CH ₄	10.453	7.254	-3.199	-31%	0,2%	98,6%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	6.864	-2.753	-29%	0,2%	98,8%
6.C. Waste Incineration	CO ₂	6.660	6.150	-510	-8%	0,2%	99,0%
6.B. Waste-water Handling	N ₂ O	6.492	5.573	-919	-14%	0,1%	99,1%
3. Solvent and Other Product Use	CO ₂	6.067	5.565	-502	-8%	0,1%	99,2%
2 C Metal Production	PFC	5.637	3.641	-1.996	-35%	0,1%	99,3%
3. Solvent and Other Product Use	N ₂ O	3.492	3.474	-18	-1%	0,1%	99,4%
1.A.3. Transport	CH ₄	4.782	3.206	-1.576	-33%	0,1%	99,5%
4.C. Rice Cultivation	CH ₄	2.303	2.356	53	2%	0,1%	99,5%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	2.205	610	38%	0,1%	99,6%
2 C Metal Production	SF ₆	2.320	2.189	-131	-6%	0,1%	99,6%
4.D. Agricultural Soils	CO ₂	3.208	2.023	-1.185	-37%	0,0%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	1.959	933	91%	0,0%	99,7%
6.D. Other	CH ₄	801	1.351	551	69%	0,0%	99,8%
2.G. Other	CO ₂	1.111	1.253	142	13%	0,0%	99,8%
2.D. Other Production	CO ₂	1.299	1.223	-77	-6%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.184	3	0%	0,0%	99,9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.123	-108	-9%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	759	55	8%	0,0%	99,9%
7. Other	CO ₂	641	730	90	14%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	550	27	5%	0,0%	99,9%
6.D. Other	CO ₂	881	420	-461	-52%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	369	-75	-17%	0,0%	100,0%
2.B. Chemical Industry	CH ₄	376	273	-103	-27%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	215	48	29%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	152	-264	-64%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	147	-3	-2%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	135	-165	-55%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	134	-4	-3%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	93	-170	-65%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	85	-90	-52%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	51	-44	-46%	0,0%	100,0%
2.G. Other	N ₂ O	41	50	8	20%	0,0%	100,0%
7. Other	CH ₄	43	40	-3	-7%	0,0%	100,0%
6.D. Other	N ₂ O	0	34	34	-	0,0%	100,0%
1.A.5. Other	CH ₄	57	22	-35	-61%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	17	-12	-43%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	9	2	27%	0,0%	100,0%
2.G. Other	CH ₄	5	6	0	5%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	3	-1	-29%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0,0%	100,0%

Trend assessment for 2000

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	2000	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	823.606	128.603	19%	3.9%	37.7%	37.7%
2.B. Chemical Industry	N ₂ O	106.096	49.777	-56.319	-53%	1.3%	13.2%	50.9%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	590.851	-51.498	-8%	0.8%	7.6%	58.5%
1.B.1. Solid Fuels	CH ₄	48.510	18.995	-29.515	-61%	0.7%	7.0%	65.4%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	81.929	-29.053	-26%	0.6%	6.3%	71.7%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	24.801	18.634	302%	0.5%	4.7%	76.4%
1.A.3. Transport	N ₂ O	11.660	24.873	13.213	113%	0.3%	3.4%	79.8%
2 E Production of Halocarbons and SF ₆	HFC	32.373	18.203	-14.170	-44%	0.3%	3.3%	83.1%
1.A.5. Other	CO ₂	20.076	7.625	-12.451	-62%	0.3%	2.9%	86.0%
4.A. Enteric Fermentation	CH ₄	144.091	132.246	-11.846	-8%	0.2%	1.8%	87.8%
1.A.4. Other Sectors	CO ₂	635.096	621.237	-13.858	-2%	0.2%	1.8%	89.5%
4.D. Agricultural Soils	N ₂ O	214.489	203.101	-11.388	-5%	0.1%	1.1%	90.6%
2.A. Mineral Products	CO ₂	106.934	107.476	542	1%	0.1%	1.0%	91.6%
1.A.1. Energy Industries	CO ₂	1,144,434	1,102,660	-41,774	-4%	0.1%	1.0%	92.6%
1.B.2. Oil and Natural Gas	CH ₄	32.969	28.135	-4.834	-15%	0.1%	0.9%	93.6%
1.A.4. Other Sectors	CH ₄	10.453	7.254	-3.199	-31%	0.1%	0.7%	94.3%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	6.864	-2.753	-29%	0.1%	0.6%	94.9%
2 C Metal Production	PFC	5.637	3.641	-1.996	-35%	0.0%	0.5%	95.3%
2.B. Chemical Industry	CO ₂	12.884	10.781	-2.103	-16%	0.0%	0.4%	95.8%
1.A.3. Transport	CH ₄	4.782	3.206	-1.576	-33%	0.0%	0.4%	96.1%
4.B. Manure Management	CH ₄	45.172	45.076	-96	0%	0.0%	0.3%	96.5%
4.B. Manure Management	N ₂ O	23.495	21.349	-2.147	-9%	0.0%	0.3%	96.8%
1.B.1. Solid Fuels	CO ₂	9.283	7.764	-1.519	-16%	0.0%	0.3%	97.1%
1.A.1. Energy Industries	N ₂ O	14.606	15.297	691	5%	0.0%	0.3%	97.4%
4.D. Agricultural Soils	CO ₂	3.208	2.023	-1.185	-37%	0.0%	0.3%	97.7%
1.A.4. Other Sectors	N ₂ O	10.765	9.345	-1.419	-13%	0.0%	0.3%	97.9%
1.A.1. Energy Industries	CH ₄	1.026	1.959	933	91%	0.0%	0.2%	98.2%
2.C. Metal Production	CO ₂	25.702	23.976	-1.727	-7%	0.0%	0.2%	98.4%
1.B.2. Oil and Natural Gas	CO ₂	17.247	15.880	-1.368	-8%	0.0%	0.2%	98.6%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.500	-1.084	-11%	0.0%	0.2%	98.8%
6.B. Waste-water Handling	N ₂ O	6.492	5.573	-919	-14%	0.0%	0.2%	99.0%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	2.205	610	38%	0.0%	0.2%	99.1%
6.D. Other	CH ₄	801	1,351	551	69%	0.0%	0.1%	99.3%
6.D. Other	CO ₂	881	420	-461	-52%	0.0%	0.1%	99.4%
3. Solvent and Other Product Use	CO ₂	6.067	5.565	-502	-8%	0.0%	0.1%	99.4%
6.C. Waste Incineration	CO ₂	6.660	6.150	-510	-8%	0.0%	0.1%	99.5%
4.F. Field Burning of Agricultural Residues	CH ₄	416	152	-264	-64%	0.0%	0.1%	99.6%
2.G. Other	CO ₂	1.111	1.253	142	13%	0.0%	0.0%	99.6%
6.A. Solid Waste Disposal on Land	CO ₂	263	93	-170	-65%	0.0%	0.0%	99.7%
1.A.5. Other	N ₂ O	300	135	-165	-55%	0.0%	0.0%	99.7%
4.C. Rice Cultivation	CH ₄	2.303	2.356	53	2%	0.0%	0.0%	99.7%
7. Other	CO ₂	641	730	90	14%	0.0%	0.0%	99.8%
3. Solvent and Other Product Use	N ₂ O	3.492	3.474	-18	-1%	0.0%	0.0%	99.8%
2.B. Chemical Industry	CH ₄	376	273	-103	-27%	0.0%	0.0%	99.8%
6.B. Waste-water Handling	CH ₄	7.696	7.532	-163	-2%	0.0%	0.0%	99.8%
2 E Production of Halocarbons and SF ₆	PFC	175	85	-90	-52%	0.0%	0.0%	99.9%
6.C. Waste Incineration	CH ₄	704	759	55	8%	0.0%	0.0%	99.9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1,231	1,123	-108	-9%	0.0%	0.0%	99.9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	369	-75	-17%	0.0%	0.0%	99.9%
2 C Metal Production	SF ₆	2,320	2,189	-131	-6%	0.0%	0.0%	99.9%
2 E Production of Halocarbons and SF ₆	SF ₆	167	215	48	29%	0.0%	0.0%	99.9%
6.C. Waste Incineration	N ₂ O	522	550	27	5%	0.0%	0.0%	99.9%
7. Other	N ₂ O	1,181	1,184	3	0%	0.0%	0.0%	100.0%
1.B.2. Oil and Natural Gas	N ₂ O	95	51	-44	-46%	0.0%	0.0%	100.0%
6.D. Other	N ₂ O	0	34	34	-	0.0%	0.0%	100.0%
2.D. Other Production	CO ₂	1,299	1,223	-77	-6%	0.0%	0.0%	100.0%
1.A.5. Other	CH ₄	57	22	-35	-61%	0.0%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	17	-12	-43%	0.0%	0.0%	100.0%
2.G. Other	N ₂ O	41	50	8	20%	0.0%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	9	2	27%	0.0%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	147	-3	-2%	0.0%	0.0%	100.0%
7. Other	CH ₄	43	40	-3	-7%	0.0%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	3	-1	-29%	0.0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	134	-4	-3%	0.0%	0.0%	100.0%
2.G. Other	CH ₄	5	6	0	5%	0.0%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0.0%	100.0%

Level assessment for 2001

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	2001	Absolute change	% change	Level assessment	Cumulative total
		(Gg)					
1.A.1. Energy Industries	CO ₂	1.144.434	1.119.301	-25.133	-2%	27,2%	27,2%
1.A.3. Transport	CO ₂	695.003	833.925	138.922	20%	20,3%	47,5%
1.A.4. Other Sectors	CO ₂	635.096	655.763	20.667	3%	16,0%	63,5%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	585.160	-57.189	-9%	14,2%	77,8%
4.D. Agricultural Soils	N ₂ O	214.489	196.818	-17.670	-8%	4,8%	82,5%
4.A. Enteric Fermentation	CH ₄	144.091	131.631	-12.460	-9%	3,2%	85,7%
2.A. Mineral Products	CO ₂	106.934	105.952	-982	-1%	2,6%	88,3%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	80.295	-30.687	-28%	2,0%	90,3%
2.B. Chemical Industry	N ₂ O	106.096	49.167	-56.929	-54%	1,2%	91,5%
4.B. Manure Management	CH ₄	45.172	45.268	97	0%	1,1%	92,6%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	31.383	25.216	409%	0,8%	93,3%
1.B.2. Oil and Natural Gas	CH ₄	32.969	28.338	-4.631	-14%	0,7%	94,0%
1.A.3. Transport	N ₂ O	11.660	26.361	14.701	126%	0,6%	94,7%
2.C. Metal Production	CO ₂	25.702	23.856	-1.847	-7%	0,6%	95,3%
4.B. Manure Management	N ₂ O	23.495	21.562	-1.933	-8%	0,5%	95,8%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.377	-870	-5%	0,4%	96,2%
1.A.1. Energy Industries	N ₂ O	14.606	16.040	1.434	10%	0,4%	96,6%
1.B.1. Solid Fuels	CH ₄	48.510	15.277	-33.233	-69%	0,4%	96,9%
2 E Production of Halocarbons and SF ₆	HFC	32.373	11.957	-20.416	-63%	0,3%	97,2%
2.B. Chemical Industry	CO ₂	12.884	10.769	-2.116	-16%	0,3%	97,5%
1.A.4. Other Sectors	N ₂ O	10.765	9.531	-1.234	-11%	0,2%	97,7%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.082	-1.502	-16%	0,2%	97,9%
1.B.1. Solid Fuels	CO ₂	9.283	8.081	-1.202	-13%	0,2%	98,1%
1.A.4. Other Sectors	CH ₄	10.453	7.739	-2.713	-26%	0,2%	98,3%
6.B. Waste-water Handling	CH ₄	7.696	7.384	-312	-4%	0,2%	98,5%
1.A.5. Other	CO ₂	20.076	7.307	-12.770	-64%	0,2%	98,7%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	6.543	-3.074	-32%	0,2%	98,8%
6.C. Waste Incineration	CO ₂	6.660	6.065	-594	-9%	0,1%	99,0%
6.B. Waste-water Handling	N ₂ O	6.492	5.579	-913	-14%	0,1%	99,1%
3. Solvent and Other Product Use	CO ₂	6.067	5.389	-678	-11%	0,1%	99,2%
3. Solvent and Other Product Use	N ₂ O	3.492	3.382	-110	-3%	0,1%	99,3%
2 C Metal Production	PFC	5.637	3.100	-2.537	-45%	0,1%	99,4%
1.A.3. Transport	CH ₄	4.782	3.049	-1.733	-36%	0,1%	99,5%
2 C Metal Production	SF ₆	2.320	2.751	431	19%	0,1%	99,5%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	2.347	751	47%	0,1%	99,6%
4.C. Rice Cultivation	CH ₄	2.303	2.339	36	2%	0,1%	99,7%
1.A.1. Energy Industries	CH ₄	1.026	2.095	1.069	104%	0,1%	99,7%
4.D. Agricultural Soils	CO ₂	3.208	1.946	-1.262	-39%	0,0%	99,7%
6.D. Other	CH ₄	801	1.398	597	75%	0,0%	99,8%
2.G. Other	CO ₂	1.111	1.295	184	17%	0,0%	99,8%
7. Other	N ₂ O	1.181	1.184	3	0%	0,0%	99,8%
2.D. Other Production	CO ₂	1.299	1.168	-131	-10%	0,0%	99,9%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.111	-120	-10%	0,0%	99,9%
6.C. Waste Incineration	CH ₄	704	740	37	5%	0,0%	99,9%
7. Other	CO ₂	641	690	50	8%	0,0%	99,9%
6.C. Waste Incineration	N ₂ O	522	493	-29	-6%	0,0%	99,9%
6.D. Other	CO ₂	881	420	-461	-52%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	367	-77	-17%	0,0%	100,0%
2.B. Chemical Industry	CH ₄	376	263	-113	-30%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	SF ₆	167	239	72	43%	0,0%	100,0%
4.D. Agricultural Soils	CH ₄	150	147	-3	-2%	0,0%	100,0%
4.F. Field Burning of Agricultural Residues	CH ₄	416	146	-269	-65%	0,0%	100,0%
2.C. Metal Production	CH ₄	138	120	-18	-13%	0,0%	100,0%
1.A.5. Other	N ₂ O	300	94	-207	-69%	0,0%	100,0%
6.A. Solid Waste Disposal on Land	CO ₂	263	91	-172	-65%	0,0%	100,0%
2.G. Other	N ₂ O	41	81	39	95%	0,0%	100,0%
2 E Production of Halocarbons and SF ₆	PFC	175	81	-95	-54%	0,0%	100,0%
1.B.2. Oil and Natural Gas	N ₂ O	95	50	-45	-48%	0,0%	100,0%
7. Other	CH ₄	43	39	-4	-10%	0,0%	100,0%
6.D. Other	N ₂ O	0	34	34	-	0,0%	100,0%
1.A.5. Other	CH ₄	57	21	-36	-63%	0,0%	100,0%
2.A. Mineral Products	CH ₄	29	16	-13	-46%	0,0%	100,0%
2.G. Other	CH ₄	5	6	1	17%	0,0%	100,0%
2.C. Metal Production	N ₂ O	7	4	-4	-50%	0,0%	100,0%
1.B.1. Solid Fuels	N ₂ O	4	2	-1	-34%	0,0%	100,0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	HFC	0	0	0	0%	0,0%	100,0%
2 B Chemical Industry	PFC	0	0	0	0%	0,0%	100,0%

Trend assessment for 2001

GREENHOUSE GAS SOURCE CATEGORIES	Gas	Base year	2001	Absolute change	% change	Trend assessment	Percentage contribution to Trend	Cumulative Total
		(Gg)						
1.A.3. Transport	CO ₂	695.003	833.925	138.922	20%	3.8%	32.4%	32.4%
2.B. Chemical Industry	N ₂ O	106.096	49.167	-56.929	-54%	1.4%	11.5%	43.9%
1.A.2. Manufacturing Industries and Construction	CO ₂	642.348	585.160	-57.189	-9%	1.1%	9.0%	52.9%
1.A.4. Other Sectors	CO ₂	635.096	655.763	20.667	3%	0.9%	7.3%	60.2%
1.B.1. Solid Fuels	CH ₄	48.510	15.277	-33.233	-69%	0.8%	6.8%	67.0%
6.A. Solid Waste Disposal on Land	CH ₄	110.982	80.295	-30.687	-28%	0.7%	5.9%	72.9%
2 F Consumption of Halocarbons and SF ₆	HFC	6.167	31.383	25.216	409%	0.6%	5.3%	78.2%
2 E Production of Halocarbons and SF ₆	HFC	32.373	11.957	-20.416	-63%	0.5%	4.1%	82.3%
1.A.3. Transport	N ₂ O	11.660	26.361	14.701	126%	0.4%	3.1%	85.5%
4.D. Agricultural Soils	N ₂ O	214.489	196.818	-17.670	-8%	0.3%	2.7%	88.2%
1.A.5. Other	CO ₂	20.076	7.307	-12.770	-64%	0.3%	2.6%	90.8%
4.A. Enteric Fermentation	CH ₄	144.091	131.631	-12.460	-9%	0.2%	1.9%	92.7%
1.B.2. Oil and Natural Gas	CH ₄	32.969	28.338	-4.631	-14%	0.1%	0.8%	93.5%
2 F Consumption of Halocarbons and SF ₆	SF ₆	9.617	6.543	-3.074	-32%	0.1%	0.6%	94.1%
1.A.4. Other Sectors	CH ₄	10.453	7.739	-2.713	-26%	0.1%	0.5%	94.7%
2 C Metal Production	PFC	5.637	3.100	-2.537	-45%	0.1%	0.5%	95.2%
2.B. Chemical Industry	CO ₂	12.884	10.769	-2.116	-16%	0.0%	0.4%	95.5%
1.A.1. Energy Industries	N ₂ O	14.606	16.040	1.434	10%	0.0%	0.4%	95.9%
1.A.3. Transport	CH ₄	4.782	3.049	-1.733	-36%	0.0%	0.3%	96.3%
2.A. Mineral Products	CO ₂	106.934	105.952	-982	-1%	0.0%	0.3%	96.6%
4.B. Manure Management	N ₂ O	23.495	21.562	-1.933	-8%	0.0%	0.3%	96.9%
1.A.2. Manufacturing Industries and Construction	N ₂ O	9.583	8.082	-1.502	-16%	0.0%	0.3%	97.1%
2.C. Metal Production	CO ₂	25.702	23.856	-1.847	-7%	0.0%	0.3%	97.4%
4.D. Agricultural Soils	CO ₂	3.208	1.946	-1.262	-39%	0.0%	0.3%	97.6%
4.B. Manure Management	CH ₄	45.172	45.268	97	0%	0.0%	0.2%	97.9%
1.A.1. Energy Industries	CH ₄	1.026	2.095	1.069	104%	0.0%	0.2%	98.1%
1.B.1. Solid Fuels	CO ₂	9.283	8.081	-1.202	-13%	0.0%	0.2%	98.3%
1.A.4. Other Sectors	N ₂ O	10.765	9.531	-1.234	-11%	0.0%	0.2%	98.5%
2 F Consumption of Halocarbons and SF ₆	PFC	1.595	2.347	751	47%	0.0%	0.2%	98.7%
6.B. Waste-water Handling	N ₂ O	6.492	5.579	-913	-14%	0.0%	0.2%	98.8%
6.D. Other	CH ₄	801	1.398	597	75%	0.0%	0.1%	99.0%
3. Solvent and Other Product Use	CO ₂	6.067	5.389	-678	-11%	0.0%	0.1%	99.1%
1.A.1. Energy Industries	CO ₂	1.144.434	1.119.301	-25.133	-2%	0.0%	0.1%	99.2%
1.B.2. Oil and Natural Gas	CO ₂	17.247	16.377	-870	-5%	0.0%	0.1%	99.3%
2 C Metal Production	SF ₆	2.320	2.751	431	19%	0.0%	0.1%	99.4%
6.C. Waste Incineration	CO ₂	6.660	6.065	-594	-9%	0.0%	0.1%	99.5%
6.D. Other	CO ₂	881	420	-461	-52%	0.0%	0.1%	99.6%
4.F. Field Burning of Agricultural Residues	CH ₄	416	146	-269	-65%	0.0%	0.1%	99.6%
2.G. Other	CO ₂	1.111	1.295	184	17%	0.0%	0.0%	99.7%
1.A.5. Other	N ₂ O	300	94	-207	-69%	0.0%	0.0%	99.7%
6.A. Solid Waste Disposal on Land	CO ₂	263	91	-172	-65%	0.0%	0.0%	99.8%
6.B. Waste-water Handling	CH ₄	7.696	7.384	-312	-4%	0.0%	0.0%	99.8%
2.B. Chemical Industry	CH ₄	376	263	-113	-30%	0.0%	0.0%	99.8%
2.D. Other Production	CO ₂	1.299	1.168	-131	-10%	0.0%	0.0%	99.8%
1.A.2. Manufacturing Industries and Construction	CH ₄	1.231	1.111	-120	-10%	0.0%	0.0%	99.9%
2 E Production of Halocarbons and SF ₆	PFC	175	81	-95	-54%	0.0%	0.0%	99.9%
4.C. Rice Cultivation	CH ₄	2.303	2.339	36	2%	0.0%	0.0%	99.9%
2 E Production of Halocarbons and SF ₆	SF ₆	167	239	72	43%	0.0%	0.0%	99.9%
4.F. Field Burning of Agricultural Residues	N ₂ O	444	367	-77	-17%	0.0%	0.0%	99.9%
7. Other	CO ₂	641	690	50	8%	0.0%	0.0%	99.9%
6.C. Waste Incineration	CH ₄	704	740	37	5%	0.0%	0.0%	99.9%
1.B.2. Oil and Natural Gas	N ₂ O	95	50	-45	-48%	0.0%	0.0%	100.0%
2.G. Other	N ₂ O	41	81	39	95%	0.0%	0.0%	100.0%
1.A.5. Other	CH ₄	57	21	-36	-63%	0.0%	0.0%	100.0%
6.D. Other	N ₂ O	0	34	34	-	0.0%	0.0%	100.0%
3. Solvent and Other Product Use	N ₂ O	3.492	3.382	-110	-3%	0.0%	0.0%	100.0%
7. Other	N ₂ O	1.181	1.184	3	0%	0.0%	0.0%	100.0%
6.C. Waste Incineration	N ₂ O	522	493	-29	-6%	0.0%	0.0%	100.0%
2.C. Metal Production	CH ₄	138	120	-18	-13%	0.0%	0.0%	100.0%
2.A. Mineral Products	CH ₄	29	16	-13	-46%	0.0%	0.0%	100.0%
2.C. Metal Production	N ₂ O	7	4	-4	-50%	0.0%	0.0%	100.0%
7. Other	CH ₄	43	39	-4	-10%	0.0%	0.0%	100.0%
1.B.1. Solid Fuels	N ₂ O	4	2	-2	-50%	0.0%	0.0%	100.0%
2.G. Other	CH ₄	5	6	1	17%	0.0%	0.0%	100.0%
4.D. Agricultural Soils	CH ₄	150	147	-3	-2%	0.0%	0.0%	100.0%
2.A. Mineral Products	N ₂ O	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	HFC	0	0	0	0%	0.0%	0.0%	100.0%
2 B Chemical Industry	PFC	0	0	0	0%	0.0%	0.0%	100.0%