

Table 1 Sectoral Report for Energy (Northern Ireland, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	15,303	8.17	0.66
A. Fuel Combustion Activities (Sectoral Approach)	15,303	8.17	0.66
1. Energy Industries	5,463	0.15	0.09
a. Public Electricity and Heat Production	5,463	0.15	0.09
b. Petroleum Refining	0	0.00	0.00
c. Manufacture of Solid Fuels and Other Energy Industries	0	0.00	0.00
2. Manufacturing Industries and Construction	1,512	0.09	0.08
a. Iron and Steel	0	0.00	0.00
b. Non-Ferrous Metals	IE	IE	IE
c. Chemicals	IE	IE	IE
d. Pulp, Paper and Print	IE	IE	IE
e. Food Processing, Beverages and Tobacco	IE	IE	IE
f. Other (<i>please specify</i>)	1,512	0.09	0.08
3. Transport	3,449	0.68	0.14
a. Civil Aviation	34.27	0.00	0.00
b. Road Transportation	3,225	0.66	0.11
c. Railways	29.62	0.00	0.01
d. Navigation	153.0	0.01	0.01
e. Other Transportation (<i>please specify</i>)	7.17	0.00	0.00

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	4,787	7.24	0.36
a. Commercial/Institutional	311	0.04	0.01
b. Residential	4,002	7.17	0.18
c. Agriculture/Forestry/Fisheries	474	0.03	0.17
5. Other (Military Aircraft and Naval Vessels)	92.18	0.00	0.00
B. Fugitive Emissions from Fuels	0.00	0.00	0.00
1. Solid Fuels	0.00	0.00	0.00
a. Coal Mining	0.00	0.00	0.00
b. Solid Fuel Transformation	0.00	0.00	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	0.00	0.00	0.00
a. Oil	0.00	0.00	0.00
b. Natural Gas	0.00	0.00	NO
c. Venting and Flaring	0.00	0.00	0.00
Flaring	0.00	0.00	0.00
Venting	0.00	0.00	NO
Memo Items: ⁽²⁾			
International Bunkers	NA	NA	NA
Aviation	NA	NA	NA
Marine	NA	NA	NA
CO₂ Emissions from Biomass	NE		

Table 2(I) Sectoral Report for Industrial Processes (Northern Ireland, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			Gg CO ₂ Equivalent		Gg
Total Industrial Processes	379.62	0.00	1.18	0.05	2.39	0.00
A. Mineral Products	380	0.00	0.00	0.00	0.00	0.00
1. Cement Production	380	NO	NO	NO	NO	NO
2. Lime Production	0	NO	NO	NO	NO	NO
3. Limestone and Dolomite Use	0	NO	NO	NO	NO	NO
4. Soda Ash Production and Use	0	NO	NO	NO	NO	NO
5. Asphalt Roofing	NE	NO	NO	NO	NO	NO
6. Road Paving with Asphalt	NE	NO	NO	NO	NO	NO
7. Other (fletton bricks)	0	0.00	NO	NO	NO	NO
B. Chemical Industry	0	0.00	1.18	0.00	0.00	0.00
1. Ammonia Production	0	NE	NO	NO	NO	NO
2. Nitric Acid Production	NO	NO	1.18	NO	NO	NO
3. Adipic Acid Production	NO	NO	0.00	NO	NO	NO
4. Carbide Production	NO	NO	NO	NO	NO	NO
5. Other (<i>please specify</i>)	NO	0.00	NO	NO	NO	NO
C. Metal Production	0	0.00	0.00	0.00	0.00	0.00
1. Iron and Steel Production	0.00	0.00	0.00	NO	NO	NO
2. Ferroalloys Production	IE	NE	NO	NO	NO	NO
3. Aluminium Production	0.00	NO	NO	NO	0.00	NO
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	NO	NO	0.00
5. Other (<i>please specify</i>)	NO	NO	NO	NO	NO	NO

Table 2(I) Sectoral Report for Industrial Processes (Northern Ireland, 1990)

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GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Pulp and Paper	NO	NO	NO	NO	NO	NO
2. Food and Drink ⁽²⁾	IE	NO	NO	NO	NO	NO
E. Production of Halocarbons and SF₆	0.00			0.00	0.00	0.00
1. By-product Emissions	NO	NO	NO	0.00	NO	NO
2. Fugitive Emissions	NO	NO	NO	0.00	0.00	NO
3. Other (<i>please specify</i>)	NO	NO	NO	NO	NO	NO
F. Consumption of Halocarbons and SF₆	0.00	0.00	0.00	0.05	2.39	0.00
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	NO	NO	NO
2. Foam Blowing	NO	NO	NO	NO	NO	NO
3. Fire Extinguishers	NO	NO	NO	NO	NO	NO
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	0.05	NO	NO
5. Solvents	NO	NO	NO	NO	NO	NO
6. Semiconductor Manufacture	NO	NO	NO	NO	NO	NO
7. Electrical Equipment	NO	NO	NO	NO	NO	NO
8. Other (<i>please specify</i>)	NO	NO	NO	NO	2.39	0.00
G. Other (<i>please specify</i>)	0.00	0.00	0.00			

Table 4 Sectoral Report for Agriculture (Northern Ireland, 1990)
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GREENHOUSE GAS SOURCE AND SINK	CH₄	N₂O
CATEGORIES	(Gg)	
Total Agriculture	111.13	8.03
A. Enteric Fermentation	96.15	0.00
1. Cattle	81.57	NO
2. Buffalo	NO	NO
3. Sheep	13.37	NO
4. Goats	0.04	NO
5. Camels and Llamas	NO	NO
6. Horses	0.14	NO
7. Mules and Asses	NO	NO
8. Swine	1.03	NO
9. Poultry	0	NO
10. Other (Deer)	0.01	NO
B. Manure Management	14.92	0.58
1. Cattle	11.66	0.00
2. Buffalo	NO	NO
3. Sheep	0.32	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.01	0.00
7. Mules and Asses	NO	NO
8. Swine	2.06	0.00
9. Poultry	0.87	0.00
9a. Deer	0.00	0.00

Table 4 Sectoral Report for Agriculture (Northern Ireland, 1990)
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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
B. Manure Management (continued)		
10. Anaerobic Lagoons		NO
11. Liquid Systems		0.02
12. Solid Storage and Dry Lot		0.52
13. Other (Poultry Litter, Stables etc)		0.05
C. Rice Cultivation	NO	NO
D. Agricultural Soils⁽¹⁾	NE	7.44
E. Prescribed Burning of Savannas	NO	NO
F. Field Burning of Agricultural Residues	0.06	0.00
1 . Cereals	0.06	0.00
2. Pulse	NO	NO
3 . Tuber and Root	NO	NO
4 . Sugar Cane	NO	NO
5 . Other (Linseed)	0.00	0.00
G. Other	0.00	0.00

Table 5 Sectoral Report for Land Use Change and Forestry (Northern Ireland, 1990)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO₂	CH₄	N₂O
	(Gg)		
5. Land-Use Change and Forestry	-44.51	0.00	0.00
A. Forest Land	-743.9		
B. Cropland	1256		
C. Grassland	-1081	0.00	0.00
D. Wetlands	0.00		
E. Settlements	569.3	0.00	0.00
F. Other land	0.00		
G. Other activities	-44.87		

Table 6 Sectoral Report for Waste (Northern Ireland, 1990)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	8.16	23.39	0.09
A. Solid Waste Disposal on Land	0.00	22.45	0.00
1. Managed Waste Disposal on Land	0.00	22.45	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling		0.93	0.09
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	0.93	0.09
3. Other (<i>please specify</i>)			
C. Waste Incineration	8.16	0.00	0.00
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	15,691	142.69	9.96	0.05	2.39	0.00
1. Energy	15,303	8.17	0.66	0.00	0.00	0.00
A. Fuel Combustion	15,303	8.17	0.66			
1. Energy Industries	5,463	0.15	0.09			
2. Manufacturing Industries and Construction	1,512	0.09	0.08			
3. Transport	3,449	0.68	0.14			
4. Other Sectors	4,787	7.24	0.36			
5. Other	92	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	0.00	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	0.00	0.00			
2. Industrial Processes	379.6	0.00	1.18	0.05	2.39	0.00
A. Mineral Products	379.6	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	1.18	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	0.05	2.39	0.00
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		(Gg)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	111.13	8.03	0.00	0.00	0.00
A. Enteric Fermentation		96.15	0.00			
B. Manure Management		14.92	0.58			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		NE	7.44			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.06	0.00			
G. Other		0.00	0.00			
5. Land-Use Change and Forestry	-44.51	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-743.90					
B. Cropland	1,255.71					
C. Grassland	-1,080.77	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	569.32	0.00	0.00			
F. Other land	0.00					
G. Other activities	-44.87	0.00				
6. Waste	8.16	23.39	0.09	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	22.45	0.00			
B. Wastewater Handling	0.00	0.93	0.09			
C. Waste Incineration	8.16	0.00	0.00			
D. Other						
7. Other (please specify)	44.94					

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	16735.97	143.12	10.63	39.72	0.87	0.00
1. Energy	16498.38	4.16	0.88	0.00	0.00	0.00
A. Fuel Combustion	16498.38	4.16	0.88			
1. Energy Industries	6805.46	0.15	0.13			
2. Manufacturing Industries and Construction	1366.41	0.08	0.09			
3. Transport	3725.74	0.53	0.31			
4. Other Sectors	4532.99	3.40	0.34			
5. Other	67.78	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	0.00	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	0.00	0.00			
2. Industrial Processes	327.04	0.00	1.54	39.72	0.87	0.00
A. Mineral Products	327.04	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	1.54	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	39.72	0.87	0.00
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	CO ₂ equivalent (Gg)					
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	115.66	8.12	0.00	0.00	0.00
A. Enteric Fermentation		100.11	0.00			
B. Manure Management		15.54	0.60			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	7.52			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-145.81	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-722.71					
B. Cropland	1196.47					
C. Grassland	-1115.62	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.28	0.00	0.00			
F. Other land	0.00					
G. Other activities	-72.24					
6. Waste	6.43	23.30	0.10	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	22.32	0.00			
B. Wastewater Handling	0.00	0.98	0.10			
C. Waste Incineration	6.43	0.00	0.00			
D. Other						
7. Other (please specify)	49.94	0.00	0.00			

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	16264.46	147.31	11.07	131.95	0.66	0.00
1. Energy	16036.79	4.19	0.93	0.00	0.00	0.00
A. Fuel Combustion	16036.79	4.19	0.93			
1. Energy Industries	6062.98	0.09	0.10			
2. Manufacturing Industries and Construction	2066.70	0.11	0.10			
3. Transport	3944.53	0.41	0.44			
4. Other Sectors	3906.87	3.57	0.29			
5. Other	55.71	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	0.00	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	0.00	0.00			
2. Industrial Processes	397.53	0.00	1.36	131.95	0.66	0.00
A. Mineral Products	397.53	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	1.36	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	131.95	0.66	0.00
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	CO ₂ equivalent (Gg)					
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	121.91	8.67	0.00	0.00	0.00
A. Enteric Fermentation		105.70	0.00			
B. Manure Management		16.21	0.62			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	8.05			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-225.59	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-709.15					
B. Cropland	1165.20					
C. Grassland	-1160.98	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.19	0.00	0.00			
F. Other land	0.00					
G. Other activities	-88.86					
6. Waste	5.68	21.20	0.11	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	20.13	0.00			
B. Wastewater Handling	0.00	1.07	0.11			
C. Waste Incineration	5.68	0.00	0.00			
D. Other						
7. Other (please specify)	50.06	0.00	0.00			

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	16946.56	143.03	11.15	145.44	0.80	0.00
1. Energy	16761.44	5.72	1.00	0.00	0.00	0.00
A. Fuel Combustion	16761.44	5.39	1.00			
1. Energy Industries	6104.91	0.09	0.09			
2. Manufacturing Industries and Construction	2164.67	0.13	0.10			
3. Transport	4092.40	0.38	0.49			
4. Other Sectors	4341.52	4.78	0.31			
5. Other	57.95	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	0.33	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	0.33	0.00			
2. Industrial Processes	376.70	0.00	1.77	145.44	0.80	0.00
A. Mineral Products	376.70	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	1.77	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	145.44	0.80	0.00
G. Other						

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	(Gg)			CO ₂ equivalent (Gg)		
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	118.97	8.27	0.00	0.00	0.00
A. Enteric Fermentation		103.36	0.00			
B. Manure Management		15.61	0.60			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	7.67			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-248.87	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-717.56					
B. Cropland	1156.38					
C. Grassland	-1179.02	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.23	0.00	0.00			
F. Other land	0.00					
G. Other activities	-76.90					
6. Waste	5.81	18.34	0.11	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	17.31	0.00			
B. Wastewater Handling	0.00	1.03	0.11			
C. Waste Incineration	5.81	0.00	0.00			
D. Other						
7. Other (please specify)	51.47	0.00	0.00			

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	16414.36	138.76	10.43	171.50	0.90	0.00
1. Energy	16418.98	4.31	1.04	0.00	0.00	0.00
A. Fuel Combustion	16418.98	3.68	1.04			
1. Energy Industries	6209.02	0.09	0.10			
2. Manufacturing Industries and Construction	1848.58	0.11	0.13			
3. Transport	4191.92	0.35	0.52			
4. Other Sectors	4112.18	3.12	0.29			
5. Other	57.27	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	0.63	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	0.63	0.00			
2. Industrial Processes	216.30	0.00	1.55	171.50	0.90	0.00
A. Mineral Products	216.30	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	1.55	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	171.50	0.90	0.00
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	CO ₂ equivalent (Gg)					
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	116.05	7.73	0.00	0.00	0.00
A. Enteric Fermentation		100.80	0.00			
B. Manure Management		15.25	0.57			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	7.16			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-278.95	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-735.58					
B. Cropland	1148.93					
C. Grassland	-1201.10	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.36	0.00	0.00			
F. Other land	0.00					
G. Other activities	-59.56					
6. Waste	5.95	18.41	0.11	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	17.35	0.00			
B. Wastewater Handling	0.00	1.06	0.11			
C. Waste Incineration	5.95	0.00	0.00			
D. Other						
7. Other (please specify)	52.08	0.00	0.00			

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2001)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	16632.18	135.88	10.55	184.16	0.95	0.00
1. Energy	16679.03	4.23	1.05	0.00	0.00	0.00
A. Fuel Combustion	16679.03	3.28	1.05			
1. Energy Industries	6418.40	0.10	0.11			
2. Manufacturing Industries and Construction	1662.73	0.09	0.12			
3. Transport	4231.37	0.31	0.55			
4. Other Sectors	4306.86	2.78	0.27			
5. Other	59.67	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	0.95	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	0.95	0.00			
2. Industrial Processes	185.02	0.00	1.55	184.16	0.95	0.00
A. Mineral Products	185.02	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	1.55	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	184.16	0.95	0.00
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2001)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)					
	CO ₂ equivalent (Gg)					
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	116.08	7.84	0.00	0.00	0.00
A. Enteric Fermentation		100.73	0.00			
B. Manure Management		15.36	0.56			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	7.28			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-290.74	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-761.64					
B. Cropland	1141.36					
C. Grassland	-1203.97	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.51	0.00	0.00			
F. Other land	0.00					
G. Other activities	-35.01					
6. Waste	6.07	15.56	0.12	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	14.50	0.00			
B. Wastewater Handling	0.00	1.06	0.11			
C. Waste Incineration	6.07	0.01	0.01			
D. Other						
7. Other (please specify)	52.81	0.00	0.00			

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2002)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	15378.38	135.65	9.02	206.84	0.00	0.00
1. Energy	15428.46	4.02	1.06	0.00	0.00	0.00
A. Fuel Combustion	15428.46	2.76	1.06			
1. Energy Industries	5051.25	0.07	0.08			
2. Manufacturing Industries and Construction	1676.53	0.08	0.13			
3. Transport	4465.95	0.28	0.59			
4. Other Sectors	4177.27	2.32	0.25			
5. Other	57.46	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	1.26	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	1.26	0.00			
2. Industrial Processes	199.57	0.00	0.00	206.84	0.00	0.00
A. Mineral Products	199.57	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	0.00	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	206.84	0.00	0.00
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2002)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	CO ₂ equivalent (Gg)					
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	117.08	7.84	0.00	0.00	0.00
A. Enteric Fermentation		101.19	0.00			
B. Manure Management		15.89	0.57			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	7.27			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-308.93	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-743.56					
B. Cropland	1134.91					
C. Grassland	-1216.44	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.68	0.00	0.00			
F. Other land	0.00					
G. Other activities	-52.52					
6. Waste	6.22	14.55	0.12	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	13.47	0.00			
B. Wastewater Handling	0.00	1.07	0.11			
C. Waste Incineration	6.22	0.01	0.01			
D. Other						
7. Other (please specify)	53.07	0.00	0.00			

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2003)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	15508.49	133.85	8.86	221.71	0.00	0.00
1. Energy	15532.16	4.54	1.07	0.00	0.00	0.00
A. Fuel Combustion	15532.16	3.65	1.07			
1. Energy Industries	4869.15	0.08	0.08			
2. Manufacturing Industries and Construction	1682.95	0.09	0.12			
3. Transport	4640.95	0.27	0.61			
4. Other Sectors	4280.92	3.22	0.26			
5. Other	58.19	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	0.89	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	0.89	0.00			
2. Industrial Processes	211.80	0.00	0.00	221.71	0.00	0.00
A. Mineral Products	211.80	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	0.00	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	221.71	0.00	0.00
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2003)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	CO ₂ equivalent (Gg)					
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	117.03	7.67	0.00	0.00	0.00
A. Enteric Fermentation		100.90	0.00			
B. Manure Management		16.13	0.58			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	7.09			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-296.48	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-700.31					
B. Cropland	1129.81					
C. Grassland	-1214.78	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.85	0.00	0.00			
F. Other land	0.00					
G. Other activities	-80.05					
6. Waste	6.22	12.28	0.12	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	11.19	0.00			
B. Wastewater Handling	0.00	1.08	0.11			
C. Waste Incineration	6.22	0.01	0.01			
D. Other						
7. Other (please specify)	54.79	0.00	0.00			

Table 1 Sectoral Report for Energy (Northern Ireland, 2004)
(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	16,270	5	1
A. Fuel Combustion Activities (Sectoral Approach)	16,270	3.87	1.11
1. Energy Industries	4,794	0.07	0.08
a. Public Electricity and Heat Production	4,794	0.07	0.08
b. Petroleum Refining	0	0.00	0.00
c. Manufacture of Solid Fuels and Other Energy Industries	0	0.00	0.00
2. Manufacturing Industries and Construction	2,370	0.10	0.15
a. Iron and Steel	0	0.00	0.00
b. Non-Ferrous Metals	IE	IE	IE
c. Chemicals	IE	IE	IE
d. Pulp, Paper and Print	IE	IE	IE
e. Food Processing, Beverages and Tobacco	IE	IE	IE
f. Other (<i>please specify</i>)	2,370	0.10	0.15
3. Transport	5,064	0.26	0.64
a. Civil Aviation	42	0.00	0.00
b. Road Transportation	4,831	0.24	0.61
c. Railways	33	0.00	0.01
d. Navigation	150	0.01	0.01
e. Other Transportation (<i>please specify</i>)	8	0.00	0.00

Table 1 Sectoral Report for Energy (Northern Ireland, 2004)
(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	3,982	3.43	0.24
a. Commercial/Institutional	188	0.02	0.00
b. Residential	3,352	3.38	0.09
c. Agriculture/Forestry/Fisheries	442	0.03	0.16
5. Other (Military Aircraft and Naval Vessels)	60	0.00	0.00
B. Fugitive Emissions from Fuels	0	1.15	0.00
1. Solid Fuels	0	0.00	0.00
a. Coal Mining	0	0.00	0.00
b. Solid Fuel Transformation	0	0.00	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	0	1.15	0.00
a. Oil	0	0.00	0.00
b. Natural Gas	0	1.15	NO
c. Venting and Flaring	0	0.00	0.00
Flaring	0	0.00	0.00
Venting	0	0.00	NO
Memo Items: ⁽²⁾			
International Bunkers	NA	NA	NA
Aviation	NA	NA	NA
Marine	NA	NA	NA
CO₂ Emissions from Biomass	NE		

Table 2(I) Sectoral Report for Industrial Processes (Northern Ireland, 2004)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			Gg CO ₂ Equivalent		Gg
Total Industrial Processes	237.76	0.00	0.00	244.37	0.00	0.00
A. Mineral Products	238	0.00	0.00	0.00	0.00	0.00
1. Cement Production	229	NO	NO	NO	NO	NO
2. Lime Production	0	NO	NO	NO	NO	NO
3. Limestone and Dolomite Use	3	NO	NO	NO	NO	NO
4. Soda Ash Production and Use	5	NO	NO	NO	NO	NO
5. Asphalt Roofing	NE	NO	NO	NO	NO	NO
6. Road Paving with Asphalt	NE	NO	NO	NO	NO	NO
7. Other (fletton bricks)	0	0.00	NO	NO	NO	NO
B. Chemical Industry	0	0.00	0.00	0.00	0.00	0.00
1. Ammonia Production	0	NE	NO	NO	NO	NO
2. Nitric Acid Production	NO	NO	0.00	NO	NO	NO
3. Adipic Acid Production	NO	NO	0.00	NO	NO	NO
4. Carbide Production	NO	NO	NO	NO	NO	NO
5. Other (<i>please specify</i>)	NO	0.00	NO	NO	NO	NO
C. Metal Production	0	0.00	0.00	0.00	0.00	0.00
1. Iron and Steel Production	0.00	0.00	0.00	NO	NO	NO
2. Ferroalloys Production	IE	NE	NO	NO	NO	NO
3. Aluminium Production	0.00	NO	NO	0.00	0.00	0.00
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.00	0.00	0.00
5. Other (<i>please specify</i>)	NO	NO	NO	NO	NO	NO

Table 2(I) Sectoral Report for Industrial Processes (Northern Ireland, 2004)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Pulp and Paper	NO	NO	NO	NO	NO	NO
2. Food and Drink ⁽²⁾	IE	NO	NO	NO	NO	NO
E. Production of Halocarbons and SF₆				0.00	0.00	0.00
1. By-product Emissions	NO	NO	NO	0.00	0.00	NO
2. Fugitive Emissions	NO	NO	NO	0.00	0.00	NO
3. Other (<i>please specify</i>)	NO	NO	NO	NO	NO	NO
F. Consumption of Halocarbons and SF₆	0.00	0.00	0.00	244.37	0.00	0.00
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	143.56	0.00	NO
2. Foam Blowing	NO	NO	NO	14.55	0.00	NO
3. Fire Extinguishers	NO	NO	NO	8.33	0.00	NO
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	73.90	0.00	NO
5. Solvents	NO	NO	NO	0.96	0.00	NO
6. Semiconductor Manufacture	NO	NO	NO	NO	NO	NO
7. Electrical Equipment	NO	NO	NO	NO	NO	NO
8. Other (<i>please specify</i>)	NO	NO	NO	3.07	0.00	0.00
G. Other (<i>please specify</i>)	0.00	0.00	0.00	0.00	0.00	0.00

Table 4 Sectoral Report for Agriculture (Northern Ireland, 2004)
(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	116.24	7.33
A. Enteric Fermentation	100.46	0.00
1. Cattle	88.94	NO
2. Buffalo	NO	NO
3. Sheep	10.70	NO
4. Goats	0.01	NO
5. Camels and Llamas	NO	NO
6. Horses	0.17	NO
7. Mules and Asses	NO	NO
8. Swine	0.64	NO
9. Poultry	0	NO
10. Other (Deer)	0.00	NO
B. Manure Management	15.78	0.55
1. Cattle	13.03	0.00
2. Buffalo	NO	NO
3. Sheep	0.25	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.01	0.00
7. Mules and Asses	NO	NO
8. Swine	1.27	0.00
9. Poultry	1.22	0.00
9a. Deer	0.00	0.00

Table 4 Sectoral Report for Agriculture (Northern Ireland, 2004)
(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
B. Manure Management (continued)		
10. Anaerobic Lagoons		NO
11. Liquid Systems		0.02
12. Solid Storage and Dry Lot		0.50
13. Other (Poultry Litter, Stables etc)		0.03
C. Rice Cultivation	NO	NO
D. Agricultural Soils ⁽¹⁾	NE	6.79
E. Prescribed Burning of Savannas	NO	NO
F. Field Burning of Agricultural Residues	0.00	0.00
1 . Cereals	0.00	0.00
2. Pulse	NO	NO
3 . Tuber and Root	NO	NO
4 . Sugar Cane	NO	NO
5 . Other (Linseed)	0.00	0.00
G. Other	0.00	0.00

Table 5 Sectoral Report for Land Use Change and Forestry (Northern Ireland, 2004)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	-307.03	0.00	0.00
A. Forest Land	-705.2		
B. Cropland	1123		
C. Grassland	-1228	0.00	0.00
D. Wetlands	0.00		
E. Settlements	569.0	0.00	0.00
F. Other land	0.00		
G. Other activities	-65.79		

Table 6 Sectoral Report for Waste (Northern Ireland, 2004)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	6.21	12.25	0.12
A. Solid Waste Disposal on Land	0.00	11.16	0.00
1. Managed Waste Disposal on Land	0.00	11.16	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling		1.08	0.11
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	1.08	0.11
3. Other (<i>please specify</i>)			
C. Waste Incineration	6.21	0.01	0.01
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2004)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	16,262	133.51	8.56	244.37	0.00	0.00
1. Energy	16,270	5.02	1.11	0.00	0.00	0.00
A. Fuel Combustion	16,270	3.87	1.11			
1. Energy Industries	4,794	0.07	0.08			
2. Manufacturing Industries and Construction	2,370	0.10	0.15			
3. Transport	5,064	0.26	0.64			
4. Other Sectors	3,982	3.43	0.24			
5. Other	60	0.00	0.00			
B. Fugitive Emissions from Fuels	0.00	1.15	0.00			
1. Solid Fuels	0.00	0.00	0.00			
2. Oil and Natural Gas	0.00	1.15	0.00			
2. Industrial Processes	238	0.00	0.00	244.37	0.00	0.00
A. Mineral Products	238	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.00	0.00	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	244.37	0.00	0.00
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2004)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	CO ₂ equivalent (Gg)					
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	116.24	7.33	0.00	0.00	0.00
A. Enteric Fermentation		100.46	0.00			
B. Manure Management		15.78	0.55			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		NE	6.79			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		0.00	0.00			
5. Land-Use Change and Forestry	-307.03	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-705.18					
B. Cropland	1,123.23					
C. Grassland	-1,228.32	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	569.02	0.00	0.00			
F. Other land	0.00					
G. Other activities	-65.79	0.00				
6. Waste	6.21	12.25	0.12	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	11.16	0.00			
B. Wastewater Handling	0.00	1.08	0.11			
C. Waste Incineration	6.21	0.01	0.01			
D. Other						
7. Other (please specify)	54.91	0.00	0.00			