

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	16,889.20	16.17	0.77
A. Fuel Combustion Activities (Sectoral Approach)	16,889.20	16.17	0.77
1. Energy Industries	5,463.26	0.15	0.09
a. Public Electricity and Heat Production	5,463.26	0.15	0.09
b. Petroleum Refining	0.00	0.00	0.00
c. Manufacture of Solid Fuels and Other Energy Industries	0.00	0.00	0.00
2. Manufacturing Industries and Construction	2,087.52	0.10	0.16
a. Iron and Steel	0.00	0.00	0.00
b. Non-Ferrous Metals	IE ⁽¹⁾	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>)	2,087.52	0.10	0.16
3. Transport	3,562.62	0.71	0.12
a. Civil Aviation	114.13	0.01	0.00
b. Road Transportation	3,264.26	0.69	0.11
c. Railways	25.62	0.00	0.01
d. Navigation	152.60	0.00	0.00
e. Other Transportation (<i>please specify</i>)	6.01	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	5,664.82	15.21	0.40
a. Commercial/Institutional	627.34	0.05	0.02
b. Residential	4,492.80	15.12	0.17
c. Agriculture/Forestry/Fisheries	544.67	0.03	0.21
5. Other (Military Aircraft and Naval Vessels)	110.98	0	0
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 ⁽¹⁾	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	0.00
c. Venting and Flaring	0.00	0.00	0.00
Flaring	0.00	0.00	0.00
Venting	0.00	0.00	0.00
Memo Items: ⁽²⁾			
International Bunkers	NA ⁽¹⁾	NA	NA
Aviation	NA	NA	NA
Marine	NA	NA	NA
CO₂ Emissions from Biomass	NE ⁽¹⁾		

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 ⁽³⁾	PFCs ⁽³⁾	SF ₆
	(Gg)			Gg CO ₂ Equivalent		Gg
Total Industrial Processes	457.11	0.00	1.11	0.33	2.39	0.00
A. Mineral Products	415.87	0.00	0.00	0.00	0.00	0.00
1. Cement Production	415.83	NO	NO			
2. Lime Production	0.00	NO	NO			
3. Limestone and Dolomite Use	0.02	NO	NO			
4. Soda Ash Production and Use	0.02	NO	NO			
5. Asphalt Roofing	NE	NO	NO			
6. Road Paving with Asphalt	NE	NO	NO			
7. Other (fletton bricks)	0.00	0.00	NO			
B. Chemical Industry	41.24	0.00	1.11	0.00	0.00	0.00
1. Ammonia Production	0.00	NE	NO			
2. Nitric Acid Production	NO	NO	1.11			
3. Adipic Acid Production	NO	NO	0.00			
4. Carbide Production	NO	NO	NO			
5. Other (<i>please specify</i>)	41.24	0.00	NO			
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Iron and Steel Production	0.00	0.00	0.00			
2. Ferroalloys Production	IE	NE	NO			
3. Aluminium Production	0.00	NO	NO		0.00	
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.00		0.00
5. Other (<i>please specify</i>)	NO	NO	NO			

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
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Pulp and Paper	NO	NO	NO	NE	NE	NE
2. Food and Drink ⁽⁴⁾	IE	NO	NO	NE	NE	NE
E. Production of Halocarbons and SF₆	0.00	0.00	0.00	0	0.00	0.00
1. By-product Emissions	NO	NO	NO	0	NO	NO
2. Fugitive Emissions	NO	NO	NO	IE	0.00	NO
3. Other (<i>please specify</i>)	NO	NO	NO	NA	NA	NA
F. Consumption of Halocarbons and SF₆	0.00	0.00	0.00	0.33	2.39	0.00
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	0.00	0.00	NA
2. Foam Blowing	NO	NO	NO	NO	NO	NA
3. Fire Extinguishers	NO	NO	NO	0.00	0.00	NO
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	0.33	NO	NO
5. Solvents	NO	NO	NO	0.00	0.00	NO
6. Other applications using ODS substitutes	NO	NO	NO	NA	NA	NA
7. Semiconductor Manufacture	NO	NO	NO	IE	IE	IE
8. Electrical Equipment	NO	NO	NO	IE	IE	IE
9. Other (<i>please specify</i>)				0.00	2.39	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, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	114.85	8.50
A. Enteric Fermentation	96.99	0.00
1. Cattle	82.41	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	NO	NO
10. Other (Deer)	0.01	NO
B. Manure Management	17.80	0.96
1. Cattle	11.75	NO
2. Buffalo	NO	0.00
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	4.85	0.00
9. Poultry	0.87	0.00
10. Other Livestock (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)		
11. Anaerobic Lagoons	NO	NO
12. Liquid Systems	NO	0.02
13. Solid Storage and Dry Lot	NO	0.73
14. Other AWMS	NO	0.20
C. Rice Cultivation	NO	NO
D. Agricultural Soils	NE	7.54
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	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	-29.56	0.06	0.00
A. Forest Land	-729.68	0.06	0.00
B. Cropland	1,254.83	0.00	0.00
C. Grassland	-1,079.35	0.00	0.00
D. Wetlands			
E. Settlements	569.51	0.00	0.00
F. Other land			
G. Other activities	-44.87	0.00	0.00

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	78	0.09
A. Solid Waste Disposal on Land	0.00	77	0.00
1. Managed Waste Disposal on Land	0.00	76.64	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	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	17,324.90	208.66	10.47	0.33	2.39	0.00
1. Energy	16,889.20	16.17	0.77	0.00	0.00	0.00
A. Fuel Combustion	16,889.20	16.17	0.77	0.00	0.00	0.00
1. Energy Industries	5,463.26	0.15	0.09	0.00	0.00	0.00
2. Manufacturing Industries and Construction	2,087.52	0.10	0.16	0.00	0.00	0.00
3. Transport	3,562.62	0.71	0.12	0.00	0.00	0.00
4. Other Sectors	5,664.82	15.21	0.40	0.00	0.00	0.00
5. Other	110.98	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	0.00	0.00	0.00
1. Solid Fuels	0.00	0.00	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00
2. Industrial Processes	457.11	0.00	1.11	0.33	2.39	0.00
A. Mineral Products	415.87	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	41.24	0.00	1.11	0.00	0.00	0.00
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽⁴⁾	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	0.33	2.39	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, 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)	
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	114.85	8.50	0.00	0.00	0.00
A. Enteric Fermentation		96.99	0.00	0.00	0.00	0.00
B. Manure Management		17.80	0.96	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	7.54	0.00	0.00	0.00
E. Prescribed Burning of Savannas		NO	NO	0.00	0.00	0.00
F. Field Burning of Agricultural Residues		0.06	0.00	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
5. Land-Use Change and Forestry	-29.56	0.06	0.00	0.00	0.00	0.00
A. Forest Land	-729.68	0.06	0.00			
B. Cropland	1,254.83	0.00	0.00			
C. Grassland	-1,079.35	0.00	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	569.51	0.00	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-44.87	0.00	0.00			
6. Waste	8.16	77.6	0.09	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	76.64	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	0.93	0.09	0.00	0.00	0.00
C. Waste Incineration	8.16	0.00	0.00	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00

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	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	17,150.57	196.58	10.94	38.9	0.66	0.00
1. Energy	16,899.68	8.25	0.79	0.00	0.00	0.00
A. Fuel Combustion	16,899.68	8.25	0.79	0.00	0.00	0.00
1. Energy Industries	6,805.46	0.15	0.13	0.00		
2. Manufacturing Industries and Construction	1,845.88	0.10	0.14	0.00		
3. Transport	3,812.12	0.51	0.19	0.00		
4. Other Sectors	4,347.11	7.49	0.32	0.00		
5. Other	89.11	0.00	0.00	0.00		
B. Fugitive Emissions from Fuels	0.00	0.00	0.00	0.00	0.00	0.00
1. Solid Fuels	0.00	0.00	0.00	0.00		
2. Oil and Natural Gas	0.00	0.00	0.00	0.00		
2. Industrial Processes	385.29	0.00	1.42	39	0.66	0.00
A. Mineral Products	338.40	0.00	0.00			
B. Chemical Industry	46.89	0.00	1.42			
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽⁴⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0	0.00	
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	39	0.66	0.00
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 1995)

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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	119.28	8.63	0.00	0.00	0.00
A. Enteric Fermentation		101.05	0.00			
B. Manure Management		18.23	0.98			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	7.65			
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	-141	0.01	0.00	0.00	0.00	0.00
A. Forest Land	-720	0.01	0.00			
B. Cropland	1,196	0.00	0.00			
C. Grassland	-1,113	0.00	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	568	0.00	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-72.24	0.00	0.00			
6. Waste	6.4	69.0	0.10	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	68.07	0.00			
B. Wastewater Handling	0.00	0.98	0.10			
C. Waste Incineration	6.43	0.00	0.00			
D. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2007)

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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	16,184.63	159.56	7.87	287.03	0.09	0.00
1. Energy	15,935.72	3.47	0.61	0.00	0.00	0.00
A. Fuel Combustion	15,935.72	3.45	0.61	0.00	0.00	0.00
1. Energy Industries	4,656.32	0.08	0.06	0.00	0.00	0.00
2. Manufacturing Industries and Construction	1,560.00	0.10	0.14	0.00	0.00	0.00
3. Transport	5,096.75	0.17	0.18	0.00	0.00	0.00
4. Other Sectors	4,555.45	3.10	0.23	0.00	0.00	0.00
5. Other	67.20	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	0.00	0.02	0.00	0.00	0.00	0.00
1. Solid Fuels	0.00	0.00	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	0.00	0.02	0.00	0.00	0.00	0.00
2. Industrial Processes	527.05	0.00	0.00	287.03	0.09	0.00
A. Mineral Products	475.27	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	51.78	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 ⁽⁴⁾	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	287.03	0.09	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	118.55	7.14	0.00	0.00	0.00
A. Enteric Fermentation		100.57	0.00	0.00	0.00	0.00
B. Manure Management		17.98	0.90	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	6.24	0.00	0.00	0.00
E. Prescribed Burning of Savannas		NO	NO	0.00	0.00	0.00
F. Field Burning of Agricultural Residues		0.00	0.00	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
5. Land-Use Change and Forestry	-284	0.04	0.00	0.00	0.00	0.00
A. Forest Land	-543	0.04	0.00			
B. Cropland	1,109	0.00	0.00			
C. Grassland	-1,253	0.00	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	569	0.00	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-165.93	0.00	0.00			
6. Waste	6.3	37.5	0.12	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	36.40	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	1.10	0.11	0.00	0.00	0.00
C. Waste Incineration	6.27	0.00	0.00	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00

Table 1 Sectoral Report for Energy (Northern Ireland, 2008)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	15,988.75	3.59	0.60
A. Fuel Combustion Activities (Sectoral Approach)	15,988.75	3.58	0.60
1. Energy Industries	4,863.80	0.08	0.06
a. Public Electricity and Heat Production	4,863.80	0.08	0.06
b. Petroleum Refining	0.00	0.00	0.00
c. Manufacture of Solid Fuels and Other Energy Industries	0.00	0.00	0.00
2. Manufacturing Industries and Construction	1,446.69	0.10	0.13
a. Iron and Steel	0.00	0.00	0.00
b. Non-Ferrous Metals	IE ⁽¹⁾	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>)	1,446.69	0.10	0.13
3. Transport	5,050.12	0.15	0.18
a. Civil Aviation	220.81	0.00	0.01
b. Road Transportation	4,553.30	0.14	0.15
c. Railways	41.47	0.00	0.02
d. Navigation	223.71	0.00	0.01
e. Other Transportation (<i>please specify</i>)	10.84	0.00	0.00

Table 1 Sectoral Report for Energy (Northern Ireland, 2008)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	4,561.13	3.25	0.23
a. Commercial/Institutional	328.37	0.03	0.00
b. Residential	3,799.60	3.19	0.06
c. Agriculture/Forestry/Fisheries	433.15	0.03	0.17
5. Other (Military Aircraft and Naval Vessels)	67.00	0	0
B. Fugitive Emissions from Fuels	0.00	0.01	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 ⁽¹⁾	NO	NO
2. Oil and Natural Gas	0.00	0.01	0.00
a. Oil	0.00	0.00	0.00
b. Natural Gas	0.00	0.01	0.00
c. Venting and Flaring	0.00	0.00	0.00
Flaring	0.00	0.00	0.00
Venting	0.00	0.00	0.00
Memo Items: ⁽²⁾			
International Bunkers	NA ⁽¹⁾	NA	NA
Aviation	NA	NA	NA
Marine	NA	NA	NA
CO₂ Emissions from Biomass	NE ⁽¹⁾		

Table 2(I) Sectoral Report for Industrial Processes (Northern Ireland, 2008)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs ⁽³⁾	PFCs ⁽³⁾	SF ₆
	(Gg)			Gg CO ₂ Equivalent		Gg
Total Industrial Processes	441.99	0.00	0.00	291.51	0.07	0.00
A. Mineral Products	389.93	0.00	0.00	0.00	0.00	0.00
1. Cement Production	376.70	NO	NO			
2. Lime Production	0.00	NO	NO			
3. Limestone and Dolomite Use	6.79	NO	NO			
4. Soda Ash Production and Use	6.44	NO	NO			
5. Asphalt Roofing	NE	NO	NO			
6. Road Paving with Asphalt	NE	NO	NO			
7. Other (fletton bricks)	0.00	0.00	NO			
B. Chemical Industry	52.06	0.00	0.00	0.00	0.00	0.00
1. Ammonia Production	0.00	NE	NO			
2. Nitric Acid Production	NO	NO	0.00			
3. Adipic Acid Production	NO	NO	0.00			
4. Carbide Production	NO	NO	NO			
5. Other (<i>please specify</i>)	52.06	0.00	NO			
C. Metal Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Iron and Steel Production	0.00	0.00	0.00			
2. Ferroalloys Production	IE	NE	NO			
3. Aluminium Production	0.00	NO	NO		0.00	
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.00		0.00
5. Other (<i>please specify</i>)	NO	NO	NO			

Table 2(I) Sectoral Report for Industrial Processes (Northern Ireland, 2008)

(Page 2 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
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Pulp and Paper	NO	NO	NO	NE	NE	NE
2. Food and Drink ⁽⁴⁾	IE	NO	NO	NE	NE	NE
E. Production of Halocarbons and SF₆	0.00	0.00	0.00	0	0.00	0.00
1. By-product Emissions	NO	NO	NO	0	NO	NO
2. Fugitive Emissions	NO	NO	NO	NO	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	291.51	0.07	0.00
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	182.32	0.06	NA
2. Foam Blowing	NO	NO	NO	11.81	NO	NA
3. Fire Extinguishers	NO	NO	NO	5.77	0.01	NO
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	87.17	NO	NO
5. Solvents	NO	NO	NO	2.39	0.00	NO
6. Other applications using ODS substitutes	NO	NO	NO	NE	NE	NE
7. Semiconductor Manufacture	NO	NO	NO	IE	IE	IE
8. Electrical Equipment	NO	NO	NO	IE	IE	IE
9. Other (<i>please specify</i>)	NO	NO	NO	2.04	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, 2008)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	116.84	6.94
A. Enteric Fermentation	99.09	0.00
1. Cattle	89.00	NO
2. Buffalo	NO	NO
3. Sheep	9.24	NO
4. Goats	0.01	NO
5. Camels and Llamas	NO	NO
6. Horses	0.21	NO
7. Mules and Asses	NO	NO
8. Swine	0.60	NO
9. Poultry	NO	NO
10. Other (Deer)	0.02	NO
B. Manure Management	17.75	0.88
1. Cattle	13.35	NO
2. Buffalo	NO	0.00
3. Sheep	0.22	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.02	0.00
7. Mules and Asses	NO	NO
8. Swine	2.84	0.00
9. Poultry	1.32	0.00
10. Other Livestock (Deer)	0.00	0.00

Table 4 Sectoral Report for Agriculture (Northern Ireland, 2008)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
B. Manure Management (continued)		
11. Anaerobic Lagoons	NO	NO
12. Liquid Systems	NO	0.03
13. Solid Storage and Dry Lot	NO	0.66
14. Other AWMS	NO	0.19
C. Rice Cultivation	NO	NO
D. Agricultural Soils	NE	6.07
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, 2008)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	-265.61	0.02	0.00
A. Forest Land	-496.55	0.02	0.00
B. Cropland	1,103.46	0.00	0.00
C. Grassland	-1,255.28	0.00	0.00
D. Wetlands			
E. Settlements	569.47	0.00	0.00
F. Other land			
G. Other activities	-186.71	0.00	0.00

Table 6 Sectoral Report for Waste (Northern Ireland, 2008)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	6.29	39	0.12
A. Solid Waste Disposal on Land	0.00	38	0.00
1. Managed Waste Disposal on Land	0.00	37.52	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	1.11	0.12
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	1.11	0.12
3. Other (<i>please specify</i>)			
C. Waste Incineration	6.29	0.00	0.00
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2008)

(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	16,171.41	159.09	7.66	291.51	0.07	0.00
1. Energy	15,988.75	3.59	0.60	0.00	0.00	0.00
A. Fuel Combustion	15,988.75	3.58	0.60	0.00	0.00	0.00
1. Energy Industries	4,863.80	0.08	0.06	0.00	0.00	0.00
2. Manufacturing Industries and Construction	1,446.69	0.10	0.13	0.00	0.00	0.00
3. Transport	5,050.12	0.15	0.18	0.00	0.00	0.00
4. Other Sectors	4,561.13	3.25	0.23	0.00	0.00	0.00
5. Other	67.00	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	0.00	0.01	0.00	0.00	0.00	0.00
1. Solid Fuels	0.00	0.00	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	0.00	0.01	0.00	0.00	0.00	0.00
2. Industrial Processes	441.99	0.00	0.00	291.51	0.07	0.00
A. Mineral Products	389.93	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	52.06	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 ⁽⁴⁾	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	291.51	0.07	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, 2008)

(Page 2 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)	
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	116.84	6.94	0.00	0.00	0.00
A. Enteric Fermentation		99.09	0.00	0.00	0.00	0.00
B. Manure Management		17.75	0.88	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	6.07	0.00	0.00	0.00
E. Prescribed Burning of Savannas		NO	NO	0.00	0.00	0.00
F. Field Burning of Agricultural Residues		0.00	0.00	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
5. Land-Use Change and Forestry	-265.61	0.02	0.00	0.00	0.00	0.00
A. Forest Land	-496.55	0.02	0.00			
B. Cropland	1,103.46	0.00	0.00			
C. Grassland	-1,255.28	0.00	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	569.47	0.00	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-186.71	0.00	0.00			
6. Waste	6.29	38.6	0.12	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	37.52	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	1.11	0.12	0.00	0.00	0.00
C. Waste Incineration	6.29	0.00	0.00	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00

Footnotes for Tables 1 to 7

- (1) The following terms are used in inventory reporting: IE - Included Elsewhere; NE - Not Estimated; NA - Not Applicable; NO - Not Occurring
- (2) Emissions from military, off-shore industry, aviation and shipping are unallocated
- (3) Under IPCC Guidelines, emissions of CO₂, CH₄, N₂O and SF₆ are to be expressed as Gg of gas; the emissions of HFCs and PFCs are to be expressed as CO₂ equivalent emissions.
- (4) CO₂ from Food and Drink Production (e.g. gasification of water) can be of biogenic or non-biogenic origin. Only information on CO₂ emissions of non-biogenic origin should be reported.