

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	16,916	16.25	0.76
A. Fuel Combustion Activities (Sectoral Approach)	16,916	16.25	0.76
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	2,085	0.10	0.16
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>)	2,085	0.10	0.16
3. Transport	3,523	0.75	0.13
a. Civil Aviation	107	0.01	0.00
b. Road Transportation	3,231	0.73	0.11
c. Railways	26	0.00	0.01
d. Navigation	153	0.00	0.00
e. Other Transportation (<i>please specify</i>)	7	0.00	0.00

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GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	5,733	15.24	0.39
a. Commercial/Institutional	626	0.05	0.02
b. Residential	4,562	15.15	0.17
c. Agriculture/Forestry/Fisheries	545	0.03	0.20
5. Other (Military Aircraft and Naval Vessels)	111	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	457	0.00	1.11	0.33	2.39	0.00
A. Mineral Products	416	0.00	0.00	0.00	0.00	0.00
1. Cement Production	416	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	0.00	NO			
B. Chemical Industry	41.25	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>)	41.25	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	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
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	0.00	0.00	0.00

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	0.00	0.00	0.00
2. Food and Drink ⁽²⁾	IE	NO	NO	0.00	0.00	0.00
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	0.00	0.00
2. Fugitive Emissions	NO	NO	NO	0.00	0.00	0.00
3. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00
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	0.00
2. Foam Blowing	NO	NO	NO	0.00	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	0.00	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	0.33	0.00	0.00
5. Solvents	NO	NO	NO	0.00	0.00	0.00
6. Semiconductor Manufacture	NO	NO	NO	0.00	0.00	0.00
7. Electrical Equipment	NO	NO	NO	0.00	0.00	0.00
8. Other (<i>please specify</i>)	NO	NO	NO	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	113.92	8.31
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	17.71	0.76
1. Cattle	11.66	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	0.0191
13. Solid Storage and Dry Lot	NO	0.5859
14. Other AWMS	NO	0.16
C. Rice Cultivation	NO	NO
D. Agricultural Soils ⁽¹⁾	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	-30	0.06	0.00
A. Forest Land	-730	0	0
B. Cropland	1,255	0	0
C. Grassland	-1,079	0	0
D. Wetlands			
E. Settlements	570	0	0
F. Other land			
G. Other activities	-45	0	0

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	77	0.09
A. Solid Waste Disposal on Land	0.00	76	0.00
1. Managed Waste Disposal on Land	0.00	76	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	17,351.91	206.86	10.28	0.33	2.39	0.00
1. Energy	16,916.20	16.25	0.76	0.00	0.00	0.00
A. Fuel Combustion	16,916.20	16.25	0.76	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	2,085.39	0.10	0.16	0.00	0.00	0.00
3. Transport	3,523.22	0.75	0.13	0.00	0.00	0.00
4. Other Sectors	5,733.34	15.24	0.39	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	457.12	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	41.25	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 ⁽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	0.33	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	113.92	8.31	0.00	0.00	0.00
A. Enteric Fermentation		96.15	0.00	0.00	0.00	0.00
B. Manure Management		17.71	0.76	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	-30	0.06	0.00	0.00	0.00	0.00
A. Forest Land	-730	0.06	0.00			
B. Cropland	1,255	0.00	0.00			
C. Grassland	-1,079	0.00	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	570	0.00	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-44.87	0.00	0.00			
6. Waste	8.2	76.6	0.09	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	75.70	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	17000.66	194.45	10.79	41.10	0.86	0.00
1. Energy	16749.77	7.99	0.84	0.00	0.00	0.00
A. Fuel Combustion	16749.77	7.99	0.84			
1. Energy Industries	6805.46	0.15	0.13			
2. Manufacturing Industries and Construction	1690.35	0.10	0.14			
3. Transport	3802.96	0.57	0.26			
4. Other Sectors	4361.89	7.18	0.31			
5. Other	89.11	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	385.29	0.00	1.42	41.10	0.86	0.00
A. Mineral Products	338.40	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	46.89	0.00	1.42	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	41.10	0.86	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
	(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	118.24	8.43	0.00	0.00	0.00
A. Enteric Fermentation		100.11	0.00			
B. Manure Management		18.13	0.78			
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	-140.83	0.01	0.00	0.00	0.00	0.00
A. Forest Land	-719.89	0.01	0.00			
B. Cropland	1196.13	0.00	0.00			
C. Grassland	-1113.33	0.00	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	568.50	0.00	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-72.24	0.00	0.00			
6. Waste	6.43	68.21	0.10	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	67.23	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)	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
Total National Emissions and Removals	17060.87	157.15	8.13	253.22	0.00	0.00
1. Energy	16899.28	3.21	0.63	0.00	0.00	0.00
A. Fuel Combustion	16899.28	3.21	0.63			
1. Energy Industries	5698.38	0.09	0.08			
2. Manufacturing Industries and Construction	1429.50	0.09	0.14			
3. Transport	5183.62	0.21	0.18			
4. Other Sectors	4523.47	2.82	0.23			
5. Other	64.31	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	450.74	0.00	0.00	253.22	0.00	0.00
A. Mineral Products	398.73	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	52.01	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	253.22	0.00	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
	(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	117.17	7.37	0.00	0.00	0.00
A. Enteric Fermentation		99.48	0.00			
B. Manure Management		17.69	0.73			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	6.64			
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	-295.40	0.00	0.00	0.00	0.00	0.00
A. Forest Land	-622.40	0.00	0.00			
B. Cropland	1112.70	0.00	0.00			
C. Grassland	-1238.73	0.00	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	569.15	0.00	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-116.13	0.00	0.00			
6. Waste	6.25	36.76	0.12	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	35.66	0.00			
B. Wastewater Handling	0.00	1.10	0.12			
C. Waste Incineration	6.25	0.00	0.00			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

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	(Gg)		
Total Energy	15,620	3.48	0.60
A. Fuel Combustion Activities (Sectoral Approach)	15,620	3.48	0.60
1. Energy Industries	4,640	0.08	0.06
a. Public Electricity and Heat Production	4,640	0.08	0.06
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	1,406	0.09	0.14
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>)	1,406	0.09	0.14
3. Transport	5,267	0.19	0.18
a. Civil Aviation	209	0.00	0.01
b. Road Transportation	4,804	0.18	0.15
c. Railways	43	0.00	0.02
d. Navigation	202	0.00	0.00
e. Other Transportation (<i>please specify</i>)	9	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	4,225	3.11	0.22
a. Commercial/Institutional	328	0.03	0.00
b. Residential	3,465	3.05	0.05
c. Agriculture/Forestry/Fisheries	432	0.03	0.17
5. Other (Military Aircraft and Naval Vessels)	82	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, 2007)

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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	501.61	0.00	0.00	251.73	0.00	0.00
A. Mineral Products	449.75	0.00	0.00	0.00	0.00	0.00
1. Cement Production	439.89	NO	NO	0.00	0.00	0.00
2. Lime Production	0.00	NO	NO	0.00	0.00	0.00
3. Limestone and Dolomite Use	3.47	NO	NO	0.00	0.00	0.00
4. Soda Ash Production and Use	6.39	NO	NO	0.00	0.00	0.00
5. Asphalt Roofing	NE	NO	NO	0.00	0.00	0.00
6. Road Paving with Asphalt	NE	NO	NO	0.00	0.00	0.00
7. Other (fletton bricks)	0.00	0.00	NO	0.00	0.00	0.00
B. Chemical Industry	51.86	0.00	0.00	0.00	0.00	0.00
1. Ammonia Production	0.00	NE	NO	0.00	0.00	0.00
2. Nitric Acid Production	NO	NO	0.00	0.00	0.00	0.00
3. Adipic Acid Production	NO	NO	0.00	0.00	0.00	0.00
4. Carbide Production	NO	NO	NO	0.00	0.00	0.00
5. Other (<i>please specify</i>)	51.86	0.00	NO	0.00	0.00	0.00
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	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
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	0.00	0.00	0.00

Table 2(I) Sectoral Report for Industrial Processes (Northern Ireland, 2007)

(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	0.00	0.00	0.00
2. Food and Drink ⁽²⁾	IE	NO	NO	0.00	0.00	0.00
E. Production of Halocarbons and SF₆	0.00	0.00	0.00	0.00	0.00	0.00
1. By-product Emissions	NO	NO	NO	0.00	0.00	0.00
2. Fugitive Emissions	NO	NO	NO	0.00	0.00	0.00
3. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00
F. Consumption of Halocarbons and SF₆	0.00	0.00	0.00	251.73	0.00	0.00
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	141.81	0.00	0.00
2. Foam Blowing	NO	NO	NO	11.84	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	5.70	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	86.96	0.00	0.00
5. Solvents	NO	NO	NO	2.03	0.00	0.00
6. Semiconductor Manufacture	NO	NO	NO	0.00	0.00	0.00
7. Electrical Equipment	NO	NO	NO	0.00	0.00	0.00
8. Other (<i>please specify</i>)	NO	NO	NO	3.40	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, 2007)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	115.77	6.95
A. Enteric Fermentation	98.17	0.00
1. Cattle	87.87	NO
2. Buffalo	NO	NO
3. Sheep	9.46	NO
4. Goats	0.01	NO
5. Camels and Llamas	NO	NO
6. Horses	0.19	NO
7. Mules and Asses	NO	NO
8. Swine	0.62	NO
9. Poultry	0	NO
10. Other (Deer)	0.02	NO
B. Manure Management	17.60	0.72
1. Cattle	13.12	0.00
2. Buffalo	NO	NO
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	2.90	0.00
9. Poultry	1.35	0.00
10. Other Livestock - Deer	0.00	0.00

Table 4 Sectoral Report for Agriculture (Northern Ireland, 2007)

(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	0.02
13. Solid Storage and Dry Lot	NO	0.53
14. Other AWMS	NO	0.16
C. Rice Cultivation	NO	NO
D. Agricultural Soils ⁽¹⁾	NE	6.23
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, 2007)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	-286	0.04	0.00
A. Forest Land	-543	0.04	0.00
B. Cropland	1,108	0.00	0.00
C. Grassland	-1,254	0.00	0.00
D. Wetlands			
E. Settlements	569	0.00	0.00
F. Other land			
G. Other activities	-166	0.00	0.00

Table 6 Sectoral Report for Waste (Northern Ireland, 2007)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	6.27	37.70	0.12
A. Solid Waste Disposal on Land	0.00	37	0.00
1. Managed Waste Disposal on Land	0.00	37	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	1.10	0.12
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	1.10	0.12
3. Other (<i>please specify</i>)			
C. Waste Incineration	6.27	0.00	0.00
D. Other (<i>please specify</i>)			

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

(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	15,842.02	156.99	7.67	251.73	0.00	0.00
1. Energy	15,619.65	3.48	0.60	0.00	0.00	0.00
A. Fuel Combustion	15,619.65	3.48	0.60	0.00	0.00	0.00
1. Energy Industries	4,639.55	0.08	0.06	0.00	0.00	0.00
2. Manufacturing Industries and Construction	1,406.36	0.09	0.14	0.00	0.00	0.00
3. Transport	5,267.33	0.19	0.18	0.00	0.00	0.00
4. Other Sectors	4,224.86	3.11	0.22	0.00	0.00	0.00
5. Other	81.55	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	501.61	0.00	0.00	251.73	0.00	0.00
A. Mineral Products	449.75	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	51.86	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	251.73	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, 2007)

(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	115.77	6.95	0.00	0.00	0.00
A. Enteric Fermentation		98.17	0.00	0.00	0.00	0.00
B. Manure Management		17.60	0.72	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	6.23	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	-286	0.04	0.00	0.00	0.00	0.00
A. Forest Land	-543	0.04	0.00			
B. Cropland	1,108	0.00	0.00			
C. Grassland	-1,254	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	6.27	37.7	0.12	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	36.59	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	1.10	0.12	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

Footnotes for Tables 1 to 7 ^m

- a Net flux may be estimated as the sum of emissions and removals
- b Emissions from military, off-shore industry, aviation and shipping are unallocated
- c Fugitive emissions from oil and gas terminals and on-shore fields only
- d Emissions given for information only and are not totalled
- e Fugitive and byproduct emissions are combined.
- f Includes metered dose inhalers
- g Field burning ceased in 1994
- h Sum of removals to forest biomass, forest litter and forest soil
- i Sum of emissions from soils and removals to soils due to land use change (not forestry), Set Aside and liming of agricultural land
- j Sum of emissions from soils due to upland drainage, lowland drainage and peat extraction
- k 5E Removals are increases in crop biomass
- l Emissions from own wastewater treatment by industry not estimated
- m The following IPCC tables are omitted because they are not applicable: Tables 3, 7B sheet 3