

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

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>Total Energy</b>	<b>15,282</b>	<b>8</b>	<b>0.66</b>
<b>A. Fuel Combustion Activities (Sectoral Approach)</b>	<b>15,282</b>	<b>8.14</b>	<b>0.66</b>
<b>1. Energy Industries</b>	<b>5,463</b>	<b>0.15</b>	<b>0.09</b>
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
<b>2. Manufacturing Industries and Construction</b>	<b>1,887</b>	<b>0.09</b>	<b>0.12</b>
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> )	1,887	0.09	0.12
<b>3. Transport</b>	<b>3,517</b>	<b>0.68</b>	<b>0.13</b>
a. Civil Aviation	112	0.01	0.00
b. Road Transportation	3,223	0.66	0.11
c. Railways	22	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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	(Gg)		
<b>4. Other Sectors</b>	<b>4,304</b>	<b>7.21</b>	<b>0.31</b>
a. Commercial/Institutional	543	0.05	0.01
b. Residential	3,294	7.13	0.13
c. Agriculture/Forestry/Fisheries	467	0.03	0.17
<b>5. Other (Military Aircraft and Naval Vessels)</b>	<b>111</b>	<b>0.00</b>	<b>0.00</b>
<b>B. Fugitive Emissions from Fuels</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
<b>1. Solid Fuels</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
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
<b>2. Oil and Natural Gas</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
a. Oil	0	0	0.00
b. Natural Gas	0	0	NO
c. Venting and Flaring	0	0.00	0.00
Flaring	0	0	0.00
Venting	0	0	NO
<b>Memo Items: <sup>(2)</sup></b>			
<b>International Bunkers</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Aviation	<b>NA</b>	<b>NA</b>	<b>NA</b>
Marine	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>CO<sub>2</sub> Emissions from Biomass</b>	<b>NE</b>		

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

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			Gg CO <sub>2</sub> Equivalent		Gg
<b>Total Industrial Processes</b>	<b>427</b>	<b>0.00</b>	<b>1.11</b>	<b>0.05</b>	<b>2.39</b>	<b>1.13</b>
<b>A. Mineral Products</b>	<b>380</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Cement Production	380	NO	NO			
2. Lime Production	0	NO	NO			
3. Limestone and Dolomite Use	0	NO	NO			
4. Soda Ash Production and Use	0	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>B. Chemical Industry</b>	<b>47</b>	<b>0.00</b>	<b>1.11</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Ammonia Production	0	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> )	47	0.00	NO			
<b>C. Metal Production</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Iron and Steel Production	0	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	NO	NO	0.00	0.00	0.00
4. SF <sub>6</sub> 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 <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			Gg CO <sub>2</sub> Equivalent		Gg
<b>D. Other Production</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Pulp and Paper	NO	NO	NO	0.00	0.00	0.00
2. Food and Drink <sup>(2)</sup>	IE	NO	NO	0.00	0.00	0.00
<b>E. Production of Halocarbons and SF<sub>6</sub></b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
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
<b>F. Consumption of Halocarbons and SF<sub>6</sub></b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.05</b>	<b>2.39</b>	<b>1.13</b>
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	0.05	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	1.13
<b>G. Other (<i>please specify</i>)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## Table 4 Sectoral Report for Agriculture (Northern Ireland, 1990)

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<b>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>
<b>CATEGORIES</b>	<b>(Gg)</b>	
<b>Total Agriculture</b>	<b>111.13</b>	<b>8.03</b>
<b>A. Enteric Fermentation</b>	<b>96.15</b>	<b>0.00</b>
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>B. Manure Management</b>	<b>14.92</b>	<b>0.58</b>
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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<b>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>
<b>CATEGORIES</b>	<b>(Gg)</b>	
<b>B. Manure Management (continued)</b>		
10. Anaerobic Lagoons	NO	NO
11. Liquid Systems	NO	0.02
12. Solid Storage and Dry Lot	NO	0.52
13. Other (Poultry Litter, Stables etc)	NO	0.05
<b>C. Rice Cultivation</b>	<b>NO</b>	<b>NO</b>
<b>D. Agricultural Soils<sup>(1)</sup></b>	<b>NE</b>	<b>7.44</b>
<b>E. Prescribed Burning of Savannas</b>	<b>NO</b>	<b>NO</b>
<b>F. Field Burning of Agricultural Residues</b>	<b>0.05</b>	<b>0.00</b>
1 . Cereals	0.05	0.00
2. Pulse	NO	NO
3 . Tuber and Root	NO	NO
4 . Sugar Cane	NO	NO
5 . Other (Linseed)	0.00	0.00
<b>G. Other</b>	<b>0.00</b>	<b>0.00</b>

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

<b>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>
<b>CATEGORIES</b>	<b>(Gg)</b>		
<b>5. Land-Use Change and Forestry</b>	<b>-45</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-744		
B. Cropland	1,255		
C. Grassland	-1,081	0.00	0.00
D. Wetlands			
E. Settlements	570	0.00	0.00
F. Other land			
G. Other activities	-45		

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

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>Total Waste</b>	<b>8</b>	<b>30</b>	<b>0.09</b>
<b>A. Solid Waste Disposal on Land</b>	<b>0.00</b>	<b>29</b>	<b>0.00</b>
1. Managed Waste Disposal on Land	0.00	29	0.00
2. Unmanaged Waste Disposal Sites			
3. Other ( <i>please specify</i> )			
<b>B. Wastewater Handling</b>	<b>0.00</b>	<b>0.93</b>	<b>0.09</b>
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	0.93	0.09
3. Other ( <i>please specify</i> )			
<b>C. Waste Incineration</b>	<b>8</b>	<b>0.00</b>	<b>0.00</b>
<b>D. Other (<i>please specify</i>)</b>			



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

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>15,671.91</b>	<b>149.45</b>	<b>9.89</b>	<b>0.05</b>	<b>2.39</b>	<b>1.13</b>
<b>1. Energy</b>	<b>15,282.17</b>	<b>8.14</b>	<b>0.66</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	15,282.17	8.14	0.66	0.00	0.00	0.00
1. Energy Industries	5,463.30	0.15	0.09	0.00	0.00	0.00
2. Manufacturing Industries and Construction	1,886.71	0.09	0.12	0.00	0.00	0.00
3. Transport	3,517.43	0.68	0.13	0.00	0.00	0.00
4. Other Sectors	4,303.79	7.21	0.31	0.00	0.00	0.00
5. Other	110.93	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
<b>2. Industrial Processes</b>	<b>426.76</b>	<b>0.00</b>	<b>1.11</b>	<b>0.05</b>	<b>2.39</b>	<b>1.13</b>
A. Mineral Products	379.62	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	47.14	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 <sup>(3)</sup>	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.05	2.39	1.13
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 <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>111.13</b>	<b>8.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		96.15	0.00	0.00	0.00	0.00
B. Manure Management		14.92	0.58	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	7.44	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		0.05	0.00	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
<b>5. Land-Use Change and Forestry</b>	<b>-45</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-744					
B. Cropland	1,255					
C. Grassland	-1,081	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	570	0.00	0.00			
F. Other land	0.00					
G. Other activities	-44.87					
<b>6. Waste</b>	<b>8.2</b>	<b>30.2</b>	<b>0.09</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	29.25	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	8.2	0.00	0.00	0.00	0.00	0.00
D. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>16307.16</b>	<b>151.82</b>	<b>10.48</b>	<b>39.29</b>	<b>0.86</b>	<b>0.00</b>
<b>1. Energy</b>	<b>16084.30</b>	<b>6.13</b>	<b>0.84</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	16084.30	6.13	0.84			
1. Energy Industries	6805.46	0.15	0.13			
2. Manufacturing Industries and Construction	1455.37	0.09	0.11			
3. Transport	3804.24	0.52	0.31			
4. Other Sectors	3929.99	5.36	0.29			
5. Other	89.24	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			
<b>2. Industrial Processes</b>	<b>362.25</b>	<b>0.00</b>	<b>1.42</b>	<b>39.29</b>	<b>0.86</b>	<b>0.00</b>
A. Mineral Products	308.91	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	53.35	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 <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	39.29	0.86	0.00
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>115.66</b>	<b>8.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
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			
<b>5. Land-Use Change and Forestry</b>	<b>-145.82</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-722.71					
B. Cropland	1196.38					
C. Grassland	-1115.76	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.50	0.00	0.00			
F. Other land	0.00					
G. Other activities	-72.24					
<b>6. Waste</b>	<b>6.43</b>	<b>30.04</b>	<b>0.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	29.06	0.00			
B. Wastewater Handling	0.00	0.98	0.10			
C. Waste Incineration	6.43	0.00	0.00			
D. Other						
<b>7. Other (please specify)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>			

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>14339.52</b>	<b>135.93</b>	<b>8.54</b>	<b>239.71</b>	<b>0.00</b>	<b>0.00</b>
<b>1. Energy</b>	<b>14377.94</b>	<b>2.63</b>	<b>0.99</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	14377.94	2.63	0.99			
1. Energy Industries	4734.55	0.07	0.08			
2. Manufacturing Industries and Construction	1135.13	0.07	0.10			
3. Transport	4968.18	0.23	0.60			
4. Other Sectors	3473.25	2.25	0.20			
5. Other	66.83	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			
<b>2. Industrial Processes</b>	<b>255.62</b>	<b>0.00</b>	<b>0.00</b>	<b>239.71</b>	<b>0.00</b>	<b>0.00</b>
A. Mineral Products	199.21	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	56.41	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 <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	239.71	0.00	0.00
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>116.41</b>	<b>7.43</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		100.45	0.00			
B. Manure Management		15.96	0.57			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	6.86			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
<b>5. Land-Use Change and Forestry</b>	<b>-300.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-705.21					
B. Cropland	1123.83					
C. Grassland	-1221.94	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	568.87	0.00	0.00			
F. Other land	0.00					
G. Other activities	-65.79					
<b>6. Waste</b>	<b>6.21</b>	<b>16.90</b>	<b>0.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	15.81	0.00			
B. Wastewater Handling	0.00	1.08	0.11			
C. Waste Incineration	6.21	0.01	0.01			
D. Other						
<b>7. Other (please specify)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>			

## Table 1 Sectoral Report for Energy (Northern Ireland, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>Total Energy</b>	<b>15,006</b>	<b>2</b>	<b>0.98</b>
<b>A. Fuel Combustion Activities (Sectoral Approach)</b>	<b>15,006</b>	<b>2.44</b>	<b>0.98</b>
<b>1. Energy Industries</b>	<b>5,264</b>	<b>0.08</b>	<b>0.07</b>
a. Public Electricity and Heat Production	5,264	0.08	0.07
b. Petroleum Refining	0	0.00	0.00
c. Manufacture of Solid Fuels and Other Energy Industries	0	0.00	0.00
<b>2. Manufacturing Industries and Construction</b>	<b>1,291</b>	<b>0.09</b>	<b>0.11</b>
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> )	1,291	0.09	0.11
<b>3. Transport</b>	<b>5,061</b>	<b>0.22</b>	<b>0.61</b>
a. Civil Aviation	219	0.01	0.01
b. Road Transportation	4,641	0.21	0.59
c. Railways	20	0.00	0.01
d. Navigation	172	0.00	0.00
e. Other Transportation ( <i>please specify</i> )	8	0.00	0.00

## Table 1 Sectoral Report for Energy (Northern Ireland, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>4. Other Sectors</b>	<b>3,326</b>	<b>2.05</b>	<b>0.19</b>
a. Commercial/Institutional	258	0.03	0.00
b. Residential	2,686	2.00	0.04
c. Agriculture/Forestry/Fisheries	382	0.02	0.15
<b>5. Other (Military Aircraft and Naval Vessels)</b>	<b>64</b>	<b>0.00</b>	<b>0.00</b>
<b>B. Fugitive Emissions from Fuels</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
<b>1. Solid Fuels</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
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
<b>2. Oil and Natural Gas</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
a. Oil	0	0	0.00
b. Natural Gas	0	0	NO
c. Venting and Flaring	0	0.00	0.00
Flaring	0	0	0.00
Venting	0	0	NO
<b>Memo Items: <sup>(2)</sup></b>			
<b>International Bunkers</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Aviation	<b>NA</b>	<b>NA</b>	<b>NA</b>
Marine	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>CO<sub>2</sub> Emissions from Biomass</b>	<b>NE</b>		



## Table 2(I) Sectoral Report for Industrial Processes (Northern Ireland, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			Gg CO <sub>2</sub> Equivalent		Gg
<b>Total Industrial Processes</b>	<b>409</b>	<b>0.00</b>	<b>0.00</b>	<b>232.87</b>	<b>0.00</b>	<b>0.00</b>
<b>A. Mineral Products</b>	<b>351</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Cement Production	343	NO	NO	0.00	0.00	0.00
2. Lime Production	0	NO	NO	0.00	0.00	0.00
3. Limestone and Dolomite Use	3	NO	NO	0.00	0.00	0.00
4. Soda Ash Production and Use	6	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	0.00	NO	0.00	0.00	0.00
<b>B. Chemical Industry</b>	<b>58</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Ammonia Production	0	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> )	58	0.00	NO	0.00	0.00	0.00
<b>C. Metal Production</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>			
1. Iron and Steel Production	0	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	NO	NO	0.00	0.00	0.00
4. SF <sub>6</sub> 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, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			Gg CO <sub>2</sub> Equivalent		Gg
<b>D. Other Production</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Pulp and Paper	NO	NO	NO	0.00	0.00	0.00
2. Food and Drink <sup>(2)</sup>	IE	NO	NO	0.00	0.00	0.00
<b>E. Production of Halocarbons and SF<sub>6</sub></b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
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
<b>F. Consumption of Halocarbons and SF<sub>6</sub></b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>232.87</b>	<b>0.00</b>	<b>0.00</b>
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	125.11	0.00	0.00
2. Foam Blowing	NO	NO	NO	16.11	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	8.53	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	78.64	0.00	0.00
5. Solvents	NO	NO	NO	1.31	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	3.18	0.00	0.00
<b>G. Other (<i>please specify</i>)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## Table 4 Sectoral Report for Agriculture (Northern Ireland, 2005)

(Page 1 of 2)

<b>GREENHOUSE GAS SOURCE AND SINK</b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>
<b>CATEGORIES</b>	<b>(Gg)</b>	
<b>Total Agriculture</b>	<b>116.09</b>	<b>7.02</b>
<b>A. Enteric Fermentation</b>	<b>100.05</b>	<b>0.00</b>
1. Cattle	89.14	NO
2. Buffalo	NO	NO
3. Sheep	10.10	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	0.61	NO
9. Poultry	0	NO
10. Other (Deer)	0.02	NO
<b>B. Manure Management</b>	<b>16.03</b>	<b>0.56</b>
1. Cattle	13.19	0.00
2. Buffalo	NO	NO
3. Sheep	0.24	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	1.22	0.00
9. Poultry	1.37	0.00
9a. Deer	0.00	0.00

## Table 4 Sectoral Report for Agriculture (Northern Ireland, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CH <sub>4</sub>	N <sub>2</sub> O
CATEGORIES	(Gg)	
<b>B. Manure Management (continued)</b>		
10. Anaerobic Lagoons	NO	NO
11. Liquid Systems	NO	0.02
12. Solid Storage and Dry Lot	NO	0.49
13. Other (Poultry Litter, Stables etc)	NO	0.06
<b>C. Rice Cultivation</b>	<b>NO</b>	<b>NO</b>
<b>D. Agricultural Soils<sup>(1)</sup></b>	<b>NE</b>	<b>6.46</b>
<b>E. Prescribed Burning of Savannas</b>	<b>NO</b>	<b>NO</b>
<b>F. Field Burning of Agricultural Residues</b>	<b>0.00</b>	<b>0.00</b>
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
<b>G. Other</b>	<b>0.00</b>	<b>0.00</b>

**Table 5 Sectoral Report for Land Use Change and Forestry (Northern Ireland, 2005)**

<b>GREENHOUSE GAS SOURCE AND SINK</b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>
<b>CATEGORIES</b>	<b>(Gg)</b>		
<b>5. Land-Use Change and Forestry</b>	<b>-308</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-648		
B. Cropland	1,118		
C. Grassland	-1,238	0.00	0.00
D. Wetlands			
E. Settlements	569	0.00	0.00
F. Other land			
G. Other activities	-108		

**Table 6 Sectoral Report for Waste (Northern Ireland, 2005)**

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>Total Waste</b>	<b>6</b>	<b>15</b>	<b>0.12</b>
<b>A. Solid Waste Disposal on Land</b>	<b>0.00</b>	<b>14</b>	<b>0.00</b>
1. Managed Waste Disposal on Land	0.00	14	0.00
2. Unmanaged Waste Disposal Sites			
3. Other ( <i>please specify</i> )			
<b>B. Wastewater Handling</b>	<b>0.00</b>	<b>1.09</b>	<b>0.11</b>
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	1.09	0.11
3. Other ( <i>please specify</i> )			
<b>C. Waste Incineration</b>	<b>6</b>	<b>0.01</b>	<b>0.01</b>
<b>D. Other (<i>please specify</i>)</b>			

## Table 7A Summary Report for National Greenhouse Gas Inventories (Northern Ireland, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>15,113.18</b>	<b>133.54</b>	<b>8.13</b>	<b>232.87</b>	<b>0.00</b>	<b>0.00</b>
<b>1. Energy</b>	<b>15,005.65</b>	<b>2.44</b>	<b>0.98</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	15,005.65	2.44	0.98	0.00	0.00	0.00
1. Energy Industries	5,264.15	0.08	0.07	0.00	0.00	0.00
2. Manufacturing Industries and Construction	1,291.28	0.09	0.11	0.00	0.00	0.00
3. Transport	5,060.57	0.22	0.61	0.00	0.00	0.00
4. Other Sectors	3,325.51	2.05	0.19	0.00	0.00	0.00
5. Other	64.13	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
<b>2. Industrial Processes</b>	<b>408.98</b>	<b>0.00</b>	<b>0.00</b>	<b>232.87</b>	<b>0.00</b>	<b>0.00</b>
A. Mineral Products	351.38	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	57.60	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 <sup>(3)</sup>	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	232.87	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, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>116.09</b>	<b>7.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		100.05	0.00	0.00	0.00	0.00
B. Manure Management		16.03	0.56	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	6.46	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
<b>5. Land-Use Change and Forestry</b>	<b>-308</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-648					
B. Cropland	1,118					
C. Grassland	-1,238	0.00	0.00			
D. Wetlands	0.00					
E. Settlements	569	0.00	0.00			
F. Other land	0.00					
G. Other activities	-107.80					
<b>6. Waste</b>	<b>6.2</b>	<b>15.0</b>	<b>0.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	13.92	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	1.09	0.11	0.00	0.00	0.00
C. Waste Incineration	6.2	0.01	0.01	0.00	0.00	0.00
D. Other						



**Footnotes for Tables 1 to 7 <sup>m</sup>**

- 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