

Table 1 Sectoral Report for Energy (Wales, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	41528.69	100.76	1.43
A. Fuel Combustion Activities (Sectoral Approach)	41369.78	12.63	1.43
1. Energy Industries	15534.55	0.79	0.37
a. Public Electricity and Heat Production	11255.16	0.15	0.29
b. Petroleum Refining	3603.20	0.11	0.07
c. Manufacture of Solid Fuels and Other Energy Industries	676.19	0.53	0.02
2. Manufacturing Industries and Construction	13090.02	3.63	0.45
a. Iron and Steel	7792.44	3.29	0.14
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>)	5297.58	0.34	0.31
3. Transport	6173.27	1.42	0.27
a. Civil Aviation	5.99	0.00	0.00
b. Road Transportation	5557.44	1.40	0.19
c. Railways	178.41	0.01	0.07
d. Navigation	428.75	0.01	0.01
e. Other Transportation (<i>please specify</i>)	2.69	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	6349.32	6.78	0.33
a. Commercial/Institutional	1326.98	0.12	0.02
b. Residential	4399.55	6.62	0.08
c. Agriculture/Forestry/Fisheries	622.79	0.04	0.23
5. Other (Military Aircraft and Naval Vessels)	222.63	0.01	0.01
B. Fugitive Emissions from Fuels	158.91	88.12	0.00
1. Solid Fuels	158.15	72.03	0.00
a. Coal Mining	0.00	71.76	0.00
b. Solid Fuel Transformation	158.15	0.27	0.00
c. Other (<i>please specify</i>)	NO ⁽¹⁾	NO	NO
2. Oil and Natural Gas	0.75	16.09	0.00
a. Oil	0.00	0.00	0.00
b. Natural Gas	0.75	16.09	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 (Wales, 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	1794.72	0.71	0.01	0.59	312.83	0.00
A. Mineral Products	928.93	0.00	0.00	0.00	0.00	0.00
1. Cement Production	576.33	NO	NO			
2. Lime Production	0.00	NO	NO			
3. Limestone and Dolomite Use	349.64	NO	NO			
4. Soda Ash Production and Use	2.96	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	75.47	0.46	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>)	75.47	0.46	NO			
C. Metal Production	790.32	0.25	0.01	0.00	305.73	0.00
1. Iron and Steel Production	600.48	0.25	0.01			
2. Ferroalloys Production	IE	NE	NO			
3. Aluminium Production	189.85	NO	NO		305.73	
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 (Wales, 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	0.59	7.10	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	0.59	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	7.10	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 (Wales, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	140.08	10.15
A. Enteric Fermentation	125.94	0.00
1. Cattle	73.24	NO
2. Buffalo	NO	NO
3. Sheep	51.99	NO
4. Goats	0.06	NO
5. Camels and Llamas	NO	NO
6. Horses	0.48	NO
7. Mules and Asses	NO	NO
8. Swine	0.15	NO
9. Poultry	NO	NO
10. Other (Deer)	0.02	NO
B. Manure Management	14.04	0.69
1. Cattle	11.48	NO
2. Buffalo	NO	0.00
3. Sheep	1.23	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.04	0.00
7. Mules and Asses	NO	NO
8. Swine	0.71	0.00
9. Poultry	0.57	0.00
10. Other Livestock (Deer)	0.00	0.00

Table 4 Sectoral Report for Agriculture (Wales, 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	0.52
14. Other AWMS	NO	0.15
C. Rice Cultivation	NO	NO
D. Agricultural Soils	NE	9.46
E. Prescribed Burning of Savannas	NO	NO
F. Field Burning of Agricultural Residues	0.09	0.00
1 . Cereals	0.09	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 (Wales, 1990)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	-238.13	0.05	0.00
A. Forest Land	-1174.21	0.02	0.00
B. Cropland	969.03	0.00	0.00
C. Grassland	-398.06	0.01	0.00
D. Wetlands			
E. Settlements	713.48	0.03	0.00
F. Other land			
G. Other activities	-348.36	0.00	0.00

Table 6 Sectoral Report for Waste (Wales, 1990)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	48.87	133.43	0.17
A. Solid Waste Disposal on Land	0.00	131.76	0.00
1. Managed Waste Disposal on Land	0.00	131.76	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	1.67	0.17
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	1.67	0.17
3. Other (<i>please specify</i>)			
C. Waste Incineration	48.87	0.00	0.00
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (Wales, 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	43,134.16	375.03	11.76	0.59	312.83	0.00
1. Energy	41,528.69	100.76	1.43	0.00	0.00	0.00
A. Fuel Combustion	41,369.78	12.63	1.43	0.00	0.00	0.00
1. Energy Industries	15,534.55	0.79	0.37	0.00	0.00	0.00
2. Manufacturing Industries and Construction	13,090.02	3.63	0.45	0.00	0.00	0.00
3. Transport	6,173.27	1.42	0.27	0.00	0.00	0.00
4. Other Sectors	6,349.32	6.78	0.33	0.00	0.00	0.00
5. Other	222.63	0.01	0.01	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	158.91	88.12	0.00	0.00	0.00	0.00
1. Solid Fuels	158.15	72.03	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	0.75	16.09	0.00	0.00	0.00	0.00
2. Industrial Processes	1,794.72	0.71	0.01	0.59	312.83	0.00
A. Mineral Products	928.93	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	75.47	0.46	0.00	0.00	0.00	0.00
C. Metal Production	790.32	0.25	0.01	0.00	305.73	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	0.59	7.10	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	140.08	10.15	0.00	0.00	0.00
A. Enteric Fermentation		125.94	0.00	0.00	0.00	0.00
B. Manure Management		14.04	0.69	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	9.46	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		0.09	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	-238.13	0.05	0.00	0.00	0.00	0.00
A. Forest Land	-1,174.21	0.02	0.00			
B. Cropland	969.03	0.00	0.00			
C. Grassland	-398.06	0.01	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	713.48	0.03	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-348.36	0.00	0.00			
6. Waste	48.87	133.43	0.17	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	131.76	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	1.67	0.17	0.00	0.00	0.00
C. Waste Incineration	48.87	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	40,597.42	323.34	11.51	66.4	146.93	0.00
1. Energy	38,861.03	63.04	1.34	0.00	0.00	0.00
A. Fuel Combustion	38,820.13	10.06	1.34	0.00	0.00	0.00
1. Energy Industries	11,724.88	0.72	0.25	0.00		
2. Manufacturing Industries and Construction	14,432.00	4.57	0.43	0.00		
3. Transport	6,103.77	1.12	0.35	0.00		
4. Other Sectors	6,397.61	3.64	0.30	0.00		
5. Other	161.87	0.00	0.00	0.00		
B. Fugitive Emissions from Fuels	40.89	52.98	0.00	0.00	0.00	0.00
1. Solid Fuels	40.19	37.93	0.00	0.00		
2. Oil and Natural Gas	0.71	15.05	0.00	0.00		
2. Industrial Processes	1,883.85	0.74	0.01	66	146.93	0.00
A. Mineral Products	922.55	0.00	0.00			
B. Chemical Industry	82.56	0.44	0.00			
C. Metal Production	878.74	0.29	0.01	0.00	143.33	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	66	3.60	0.00
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Wales, 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	140.69	9.99	0.00	0.00	0.00
A. Enteric Fermentation		127.09	0.00			
B. Manure Management		13.60	0.64			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	9.35			
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	-193	0.14	0.00	0.00	0.00	0.00
A. Forest Land	-1,402	0.11	0.00			
B. Cropland	1,000	0.00	0.00			
C. Grassland	-442	0.01	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	701	0.02	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-50.06	0.00	0.00			
6. Waste	45.3	118.7	0.17	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	117.02	0.00			
B. Wastewater Handling	0.00	1.71	0.17			
C. Waste Incineration	45.33	0.01	0.00			
D. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Wales, 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	39,429.25	217.22	8.98	453.12	44.86	0.00
1. Energy	37,651.15	35.67	1.09	0.00	0.00	0.00
A. Fuel Combustion	37,619.22	6.17	1.09	0.00	0.00	0.00
1. Energy Industries	14,973.94	0.56	0.25	0.00	0.00	0.00
2. Manufacturing Industries and Construction	10,283.74	2.92	0.33	0.00	0.00	0.00
3. Transport	6,835.65	0.35	0.28	0.00	0.00	0.00
4. Other Sectors	5,421.15	2.34	0.22	0.00	0.00	0.00
5. Other	104.73	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	31.93	29.50	0.00	0.00	0.00	0.00
1. Solid Fuels	14.46	16.80	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	17.47	12.71	0.00	0.00	0.00	0.00
2. Industrial Processes	1,966.94	0.35	0.01	453.12	44.86	0.00
A. Mineral Products	943.69	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	86.67	0.05	0.00	0.00	0.00	0.00
C. Metal Production	936.59	0.30	0.01	0.16	40.74	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	452.95	4.11	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 (Wales, 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)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	122.61	7.67	0.00	0.00	0.00
A. Enteric Fermentation		110.64	0.00	0.00	0.00	0.00
B. Manure Management		11.97	0.61	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	7.07	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	-202	0.13	0.00	0.00	0.00	0.00
A. Forest Land	-1,411	0.08	0.00			
B. Cropland	1,049	0.00	0.00			
C. Grassland	-600	0.02	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	691	0.02	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	68.19	0.00	0.00			
6. Waste	13.1	58.5	0.20	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	56.59	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	1.87	0.19	0.00	0.00	0.00
C. Waste Incineration	13.13	0.01	0.01	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 (Wales, 2008)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	40,220.05	32.24	1.10
A. Fuel Combustion Activities (Sectoral Approach)	40,189.59	6.11	1.10
1. Energy Industries	18,072.55	0.60	0.33
a. Public Electricity and Heat Production	14,682.63	0.23	0.25
b. Petroleum Refining	2,966.49	0.08	0.08
c. Manufacture of Solid Fuels and Other Energy Industries	423.43	0.29	0.01
2. Manufacturing Industries and Construction	9,583.72	2.59	0.29
a. Iron and Steel	6,182.83	2.28	0.08
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>)	3,400.89	0.31	0.20
3. Transport	6,703.14	0.31	0.25
a. Civil Aviation	23.97	0.00	0.00
b. Road Transportation	5,953.65	0.29	0.17
c. Railways	190.39	0.01	0.07
d. Navigation	530.34	0.01	0.01
e. Other Transportation (<i>please specify</i>)	4.79	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	5,723.72	2.61	0.23
a. Commercial/Institutional	904.84	0.09	0.00
b. Residential	4,314.66	2.49	0.04
c. Agriculture/Forestry/Fisheries	504.22	0.04	0.18
5. Other (Military Aircraft and Naval Vessels)	106.46	0	0
B. Fugitive Emissions from Fuels	30.46	26.13	0.00
1. Solid Fuels	13.73	16.23	0.00
a. Coal Mining	0.00	16.13	0.00
b. Solid Fuel Transformation	13.73	0.10	0.00
c. Other (<i>please specify</i>)	NO ⁽¹⁾	NO	NO
2. Oil and Natural Gas	16.73	9.90	0.00
a. Oil	15.28	0.05	0.00
b. Natural Gas	0.40	9.84	0.00
c. Venting and Flaring	1.05	0.01	0.00
Flaring	1.05	0.01	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 (Wales, 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	1,958.74	0.37	0.01	463.33	57.64	0.00
A. Mineral Products	840.21	0.00	0.00	0.00	0.00	0.00
1. Cement Production	494.61	NO	NO			
2. Lime Production	0.00	NO	NO			
3. Limestone and Dolomite Use	337.52	NO	NO			
4. Soda Ash Production and Use	8.08	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	87.05	0.04	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>)	87.05	0.04	NO			
C. Metal Production	1,031.48	0.33	0.01	1.84	53.74	0.00
1. Iron and Steel Production	873.93	0.33	0.01			
2. Ferroalloys Production	IE	NE	NO			
3. Aluminium Production	157.55	NO	NO		53.74	
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	1.84		0.00
5. Other (<i>please specify</i>)	NO	NO	NO			

Table 2(I) Sectoral Report for Industrial Processes (Wales, 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	461.49	3.91	0.00
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	277.39	0.10	NA
2. Foam Blowing	NO	NO	NO	19.92	NO	NA
3. Fire Extinguishers	NO	NO	NO	9.73	0.02	NO
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	146.98	NO	NO
5. Solvents	NO	NO	NO	4.03	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	3.45	3.79	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 (Wales, 2008)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	117.73	7.04
A. Enteric Fermentation	106.14	0.00
1. Cattle	64.36	NO
2. Buffalo	NO	NO
3. Sheep	40.93	NO
4. Goats	0.04	NO
5. Camels and Llamas	NO	NO
6. Horses	0.77	NO
7. Mules and Asses	NO	NO
8. Swine	0.03	NO
9. Poultry	NO	NO
10. Other (Deer)	0.01	NO
B. Manure Management	11.59	0.53
1. Cattle	9.86	NO
2. Buffalo	NO	0.00
3. Sheep	0.97	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.06	0.00
7. Mules and Asses	NO	NO
8. Swine	0.15	0.00
9. Poultry	0.56	0.00
10. Other Livestock (Deer)	0.00	0.00

Table 4 Sectoral Report for Agriculture (Wales, 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	0.02
13. Solid Storage and Dry Lot	NO	0.44
14. Other AWMS	NO	0.07
C. Rice Cultivation	NO	NO
D. Agricultural Soils	NE	6.51
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 (Wales, 2008)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	-195.54	0.12	0.00
A. Forest Land	-1,302.49	0.08	0.00
B. Cropland	1,051.75	0.00	0.00
C. Grassland	-601.26	0.02	0.00
D. Wetlands			
E. Settlements	690.52	0.01	0.00
F. Other land			
G. Other activities	-34.06	0.00	0.00

Table 6 Sectoral Report for Waste (Wales, 2008)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	12.77	58	0.20
A. Solid Waste Disposal on Land	0.00	56	0.00
1. Managed Waste Disposal on Land	0.00	55.89	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	1.87	0.19
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	1.87	0.19
3. Other (<i>please specify</i>)			
C. Waste Incineration	12.77	0.01	0.01
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (Wales, 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	41,996.02	208.23	8.36	463	57.64	0.00
1. Energy	40,220.05	32.24	1.10	0.00	0.00	0.00
A. Fuel Combustion	40,189.59	6.11	1.10	0.00	0.00	0.00
1. Energy Industries	18,072.55	0.60	0.33	0.00	0.00	0.00
2. Manufacturing Industries and Construction	9,583.72	2.59	0.29	0.00	0.00	0.00
3. Transport	6,703.14	0.31	0.25	0.00	0.00	0.00
4. Other Sectors	5,723.72	2.61	0.23	0.00	0.00	0.00
5. Other	106.46	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	30.46	26.13	0.00	0.00	0.00	0.00
1. Solid Fuels	13.73	16.23	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	16.73	9.90	0.00	0.00	0.00	0.00
2. Industrial Processes	1,958.74	0.37	0.01	463	57.64	0.00
A. Mineral Products	840.21	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	87.05	0.04	0.00	0.00	0.00	0.00
C. Metal Production	1,031.48	0.33	0.01	1.84	53.74	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	461.49	3.91	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 (Wales, 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	117.73	7.04	0.00	0.00	0.00
A. Enteric Fermentation		106.14	0.00	0.00	0.00	0.00
B. Manure Management		11.59	0.53	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	6.51	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	-195.54	0.12	0.00	0.00	0.00	0.00
A. Forest Land	-1,302.49	0.08	0.00			
B. Cropland	1,051.75	0.00	0.00			
C. Grassland	-601.26	0.02	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	690.52	0.01	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-34.06	0.00	0.00			
6. Waste	12.77	57.8	0.20	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	55.89	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	1.87	0.19	0.00	0.00	0.00
C. Waste Incineration	12.77	0.01	0.01	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.