

Table 1 Sectoral Report for Energy (Wales, 1990)

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GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	41,524	100.92	1.42
A. Fuel Combustion Activities (Sectoral Approach)	41,365	12.79	1.42
1. Energy Industries	15,535	0.79	0.37
a. Public Electricity and Heat Production	11,255	0.15	0.29
b. Petroleum Refining	3,603	0.11	0.07
c. Manufacture of Solid Fuels and Other Energy In	676	0.53	0.02
2. Manufacturing Industries and Construction	13,085	3.63	0.45
a. Iron and Steel	7,792	3.29	0.14
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>)	5,293	0.34	0.31
3. Transport	6,165	1.58	0.27
a. Civil Aviation	2	0.00	0.00
b. Road Transportation	5,552	1.56	0.19
c. Railways	179	0.01	0.07
d. Navigation	429	0.01	0.01
e. Other Transportation (<i>please specify</i>)	3	0.00	0.00

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GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	6,357	6.79	0.33
a. Commercial/Institutional	1,331	0.13	0.02
b. Residential	4,404	6.62	0.08
c. Agriculture/Forestry/Fisheries	623	0.04	0.22
5. Other (Military Aircraft and Naval Vessels)	223	0.01	0.01
B. Fugitive Emissions from Fuels	158.15	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	NO	NO
2. Oil and Natural Gas	0.00	16.09	0.00
a. Oil	0.00	0.00	0.00
b. Natural Gas	0.00	16.09	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 (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
Total Industrial Processes	1,795	0.71	0.01	0.59	312.83	0.00
A. Mineral Products	929	0.00	0.00	0.00	0.00	0.00
1. Cement Production	576	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	0.00	NO			
B. Chemical Industry	75.48	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>)	75.48	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	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
3. Aluminium Production	189.85	NO	NO	0.00	305.73	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 (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	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	0.59	7.10	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	0.59	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	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	139.18	10.02
A. Enteric Fermentation	125.15	0.00
1. Cattle	72.45	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	0	NO
10. Other (Deer)	0.02	NO
B. Manure Management	13.94	0.55
1. Cattle	11.38	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	0.0170
13. Solid Storage and Dry Lot	NO	0.4138
14. Other AWMS	NO	0.12
C. Rice Cultivation	NO	NO
D. Agricultural Soils ⁽¹⁾	NE	9.47
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)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	-238	0.05	0.00
A. Forest Land	-1,174	0	0
B. Cropland	969	0	0
C. Grassland	-398	0	0
D. Wetlands			
E. Settlements	713	0	0
F. Other land			
G. Other activities	-348	0	0

Table 6 Sectoral Report for Waste (Wales, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	48.87	134	0.17
A. Solid Waste Disposal on Land	0.00	132	0.00
1. Managed Waste Disposal on Land	0.00	132	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	43,129.05	375.00	11.62	0.59	312.83	0.00
1. Energy	41,523.57	100.92	1.42	0.00	0.00	0.00
A. Fuel Combustion	41,365.42	12.79	1.42	0.00	0.00	0.00
1. Energy Industries	15,534.54	0.79	0.37	0.00	0.00	0.00
2. Manufacturing Industries and Construction	13,085.28	3.63	0.45	0.00	0.00	0.00
3. Transport	6,165.46	1.58	0.27	0.00	0.00	0.00
4. Other Sectors	6,357.50	6.79	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	158.15	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	0.00	16.09	0.00	0.00	0.00	0.00
2. Industrial Processes	1,794.73	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	75.48	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 ⁽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	0.59	7.10	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, 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	139.18	10.02	0.00	0.00	0.00
A. Enteric Fermentation		125.15	0.00	0.00	0.00	0.00
B. Manure Management		13.94	0.55	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	9.47	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	0.05	0.00	0.00	0.00	0.00
A. Forest Land	-1,174	0.02	0.00			
B. Cropland	969	0.00	0.00			
C. Grassland	-398	0.01	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	713	0.03	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-348.36	0.00	0.00			
6. Waste	48.9	134.1	0.17	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	132.47	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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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	40626.79	323.20	11.50	70.89	147.30	0.00
1. Energy	38890.39	63.19	1.44	0.00	0.00	0.00
A. Fuel Combustion	38850.20	10.20	1.44			
1. Energy Industries	11724.88	0.72	0.25			
2. Manufacturing Industries and Construction	14450.73	4.57	0.43			
3. Transport	6097.55	1.21	0.46			
4. Other Sectors	6415.17	3.70	0.30			
5. Other	161.87	0.00	0.00			
B. Fugitive Emissions from Fuels	40.19	52.98	0.00			
1. Solid Fuels	0.00	37.71	0.00			
2. Oil and Natural Gas	40.19	15.28	0.00			
2. Industrial Processes	1883.86	0.74	0.01	70.89	147.30	0.00
A. Mineral Products	922.55	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	82.57	0.44	0.00	0.00	0.00	0.00
C. Metal Production	878.73	0.29	0.01	0.00	143.33	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	70.89	3.97	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	139.77	9.87	0.00	0.00	0.00
A. Enteric Fermentation		126.27	0.00			
B. Manure Management		13.50	0.51			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	9.36			
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	-192.78	0.14	0.00	0.00	0.00	0.00
A. Forest Land	-1401.67	0.11	0.00			
B. Cropland	1000.22	0.00	0.00			
C. Grassland	-442.17	0.01	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	700.90	0.02	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-50.06	0.00	0.00			
6. Waste	45.33	119.36	0.17	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	117.65	0.00			
B. Wastewater Handling	0.00	1.71	0.17			
C. Waste Incineration	45.33	0.01	0.00			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

Table 7A Summary Report for National Greenhouse Gas Inventories (Wales, 2006)

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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	41945.47	228.49	9.41	408.16	58.60	0.00
1. Energy	40354.97	41.16	1.19	0.00	0.00	0.00
A. Fuel Combustion	40338.78	5.89	1.19			
1. Energy Industries	17244.22	0.54	0.33			
2. Manufacturing Industries and Construction	10556.84	3.05	0.34			
3. Transport	6817.47	0.39	0.30			
4. Other Sectors	5616.35	1.90	0.22			
5. Other	103.90	0.00	0.00			
B. Fugitive Emissions from Fuels	16.19	35.27	0.00			
1. Solid Fuels	0.00	22.55	0.00			
2. Oil and Natural Gas	16.19	12.72	0.00			
2. Industrial Processes	1771.81	0.27	0.01	408.16	58.60	0.00
A. Mineral Products	914.34	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	87.87	0.04	0.00	0.00	0.00	0.00
C. Metal Production	769.59	0.23	0.01	0.15	54.46	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	408.00	4.14	0.00
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Wales, 2006)

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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	128.20	8.00	0.00	0.00	0.00
A. Enteric Fermentation		115.62	0.00			
B. Manure Management		12.57	0.45			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	7.55			
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	-195.45	0.12	0.00	0.00	0.00	0.00
A. Forest Land	-1472.81	0.08	0.00			
B. Cropland	1044.84	0.00	0.00			
C. Grassland	-574.95	0.03	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	691.40	0.02	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	116.07	0.00	0.00			
6. Waste	14.15	58.74	0.20	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	56.87	0.00			
B. Wastewater Handling	0.00	1.87	0.20			
C. Waste Incineration	14.15	0.01	0.01			
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
	(Gg)		
Total Energy	37,255	38.28	1.07
A. Fuel Combustion Activities (Sectoral Approach)	37,223	5.98	1.07
1. Energy Industries	14,821	0.56	0.23
a. Public Electricity and Heat Production	11,268	0.18	0.15
b. Petroleum Refining	3,106	0.08	0.07
c. Manufacture of Solid Fuels and Other Energy Industries	448	0.30	0.01
2. Manufacturing Industries and Construction	10,109	2.91	0.33
a. Iron and Steel	6,636	2.60	0.10
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>)	3,473	0.31	0.23
3. Transport	6,869	0.36	0.29
a. Civil Aviation	18	0.00	0.00
b. Road Transportation	6,158	0.34	0.20
c. Railways	209	0.02	0.08
d. Navigation	480	0.01	0.01
e. Other Transportation (<i>please specify</i>)	4	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	5,297	2.14	0.21
a. Commercial/Institutional	853	0.08	0.00
b. Residential	3,943	2.02	0.03
c. Agriculture/Forestry/Fisheries	501	0.03	0.18
5. Other (Military Aircraft and Naval Vessels)	127	0.00	0.00
B. Fugitive Emissions from Fuels	31.95	32.30	0.00
1. Solid Fuels	15.07	16.80	0.00
a. Coal Mining	0.00	16.70	0.00
b. Solid Fuel Transformation	15.07	0.10	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	16.88	15.50	0.00
a. Oil	15.95	0.05	0.00
b. Natural Gas	0.00	15.44	NO
c. Venting and Flaring	0.93	0.01	0.00
Flaring	0.93	0.01	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 (Wales, 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	1,944.86	0.35	0.01	397.15	42.95	0.00
A. Mineral Products	922.05	0.00	0.00	0.00	0.00	0.00
1. Cement Production	562.89	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	344.27	NO	NO	0.00	0.00	0.00
4. Soda Ash Production and Use	14.90	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	86.80	0.05	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>)	86.80	0.05	NO	0.00	0.00	0.00
C. Metal Production	936.00	0.30	0.01	0.16	38.99	0.00
1. Iron and Steel Production	734.79	0.30	0.01	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
3. Aluminium Production	201.22	NO	NO	0.00	38.99	0.00
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.16	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 (Wales, 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	396.98	3.97	0.00
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	210.75	0.00	0.00
2. Foam Blowing	NO	NO	NO	20.06	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	9.66	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	147.32	0.00	0.00
5. Solvents	NO	NO	NO	3.44	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	5.75	3.97	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, 2007)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	120.49	7.54
A. Enteric Fermentation	108.82	0.00
1. Cattle	63.98	NO
2. Buffalo	NO	NO
3. Sheep	43.92	NO
4. Goats	0.04	NO
5. Camels and Llamas	NO	NO
6. Horses	0.83	NO
7. Mules and Asses	NO	NO
8. Swine	0.04	NO
9. Poultry	0	NO
10. Other (Deer)	0.01	NO
B. Manure Management	11.67	0.49
1. Cattle	9.81	0.00
2. Buffalo	NO	NO
3. Sheep	1.04	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	0.17	0.00
9. Poultry	0.58	0.00
10. Other Livestock - Deer	0.00	0.00

Table 4 Sectoral Report for Agriculture (Wales, 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	0.01
13. Solid Storage and Dry Lot	NO	0.36
14. Other AWMS	NO	0.11
C. Rice Cultivation	NO	NO
D. Agricultural Soils ⁽¹⁾	NE	7.05
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, 2007)

(Page 1 of 1)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	-201	0.13	0.00
A. Forest Land	-1,411	0.08	0.00
B. Cropland	1,050	0.00	0.00
C. Grassland	-601	0.02	0.00
D. Wetlands			
E. Settlements	692	0.02	0.00
F. Other land			
G. Other activities	68	0.00	0.00

Table 6 Sectoral Report for Waste (Wales, 2007)

(Page 1 of 1)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	13.09	58.69	0.20
A. Solid Waste Disposal on Land	0.00	57	0.00
1. Managed Waste Disposal on Land	0.00	57	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	1.87	0.20
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	1.87	0.20
3. Other (<i>please specify</i>)			
C. Waste Incineration	13.09	0.01	0.01
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (Wales, 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	39,011.26	217.94	8.83	397.15	42.95	0.00
1. Energy	37,254.64	38.28	1.07	0.00	0.00	0.00
A. Fuel Combustion	37,222.69	5.98	1.07	0.00	0.00	0.00
1. Energy Industries	14,820.96	0.56	0.23	0.00	0.00	0.00
2. Manufacturing Industries and Construction	10,108.93	2.91	0.33	0.00	0.00	0.00
3. Transport	6,869.06	0.36	0.29	0.00	0.00	0.00
4. Other Sectors	5,296.63	2.14	0.21	0.00	0.00	0.00
5. Other	127.10	0.00	0.00	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	31.95	32.30	0.00	0.00	0.00	0.00
1. Solid Fuels	15.07	16.80	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	16.88	15.50	0.00	0.00	0.00	0.00
2. Industrial Processes	1,944.86	0.35	0.01	397.15	42.95	0.00
A. Mineral Products	922.05	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	86.80	0.05	0.00	0.00	0.00	0.00
C. Metal Production	936.00	0.30	0.01	0.16	38.99	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	396.98	3.97	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)

(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	120.49	7.54	0.00	0.00	0.00
A. Enteric Fermentation		108.82	0.00	0.00	0.00	0.00
B. Manure Management		11.67	0.49	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	7.05	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	-201	0.13	0.00	0.00	0.00	0.00
A. Forest Land	-1,411	0.08	0.00			
B. Cropland	1,050	0.00	0.00			
C. Grassland	-601	0.02	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	692	0.02	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	67.73	0.00	0.00			
6. Waste	13.09	58.7	0.20	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	56.82	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	1.87	0.20	0.00	0.00	0.00
C. Waste Incineration	13.09	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^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