

'ENERGY MANAGEMENT'

ENERGY CONSUMPTION (ALL SITES)	Actual	Actual	Target	Actual	Target
	2007/08 kWh Tonnes CO2e	2008/09 kWh Tonnes CO2e	2009/10 kWh Tonnes CO2e	2009/10 kWh Tonnes CO2e	2010/11 kWh Tonnes CO2e
Electricity	2,549,807 1,334	2,344,891 1,226	2,300,000 1,203	2,311,185 1,209	2,300,000 1,254
Gas	3,043,191 627	3,408,707 702	3,200,000 659	3,635,794 749	3,600,000 666
Gas Renewable Energy	5,560 0	5,601 0		4,975 0	
Total	5,598,558 1,961	5,759,199 1,928	5,500,000 1,862	5,951,954 1,958	5,900,000 1,920

BENCHMARKING (37,900 m ²) From FE Sector Average LSC Colleges Report June 08	kWh per m ²	Benchmark	Actual 2007/08	Actual 2008/09	Actual 2009/10	Target 2010/11
	Electricity	82	70	65	61	61
	Gas	140	84	94	96	95
	Total	222	154	159	157	156

FOSSIL FUELS	Actual	Actual	Target	Actual	Target
	2007/08 kg/CO ² Tonnes CO2e	2008/09 kg/CO ² Tonnes CO2e	2009/10 kg/CO ² Tonnes CO2e	2009/10 kg/CO ² Tonnes CO2e	2010/11 kg/CO ² Tonnes CO2e
Petrol	68,613 69	62,260 62.3	60,000 60	62,082 62	60,000 60
Diesel	58,756 59	45,035 45	45,000 45	44,569 45	43,000 43
Rail & Air Travel	953 1.0	150 0.15	150 0.15	90 0.09	150 0.15
Total	128,322 129	107,445 107	105,150 105	138,976 140	103,150 103.15



'WASTE MANAGEMENT'

WASTE DISPOSAL (ALL SITES)	Measured Units	Actual 2007/08	Actual 2008/09	Target 2009/10	Actual 2009/10	Target 2010/11
Gen Waste Landfill	m ³	2,288	2,041	2,000	1,159	1,200
Waste Recycling	m ³	1,584	1,543	1,400	2,383	2,500
Total Waste Volume	m ³	3,872	3,584	3,400	3,542	3,700

RECYCLING	Measured Units	Actual 2007/08	Actual 2008/09	Target 2009/10	Actual 2009/10	Target 2010/11
Paper	m ³	153.19	180	200	217	240
Card	m ³	738.1	702	600	555	575
Vegetable Oil	m ³	0.64	0.66	0.6	0.4	0.5
Construction Waste	m ³	266	328	320	254	275
Metal	m ³	240.73	72	75	88	100
Plastics	m ³	99	138	140	150	160
Ink Cartridges	m ³	11.42	15	20	6	10
Bulbs / Tubes	m ³	2.28	2.68	2.5	6	7.5
Coolant / Antifreeze	m ³	0	0.21	0.2	0	0.1
Solvent / Paint	m ³	0.62	0.03	0.5	0.44	0.5
Waste Oil / Oily Rags	m ³	2.06	0.41	0.4	1	1
Kerosene	m ³	0.54	0.84	1	1	1
Aqueous Brake Cleaner	m ³	0.2	0.2	0.2	0.25	0.2
Gas Cylinders / Aerosols	m ³	0	0	0.05	0	0.5
IT Equipment	m ³	21	13.31	15	6	7.5
Tyres	m ³	4	5.33	5	0	0
Polystyrene	m ³	16	4	20	8	5

% Landfill	m ³	59.09%	56.95%	58.82%	33.15%	32.43%
% Recycling	m ³	40.91%	43.05%	41.18%	66.85%	67.57%



‘PAPER CONSUMPTION’

PAPER CONSUMPTION	Measured Units	Actual 2007/08	Actual 2008/09	Target 2009/10	Actual 2009/10	Target 2010/11
Issued Paper	Reams	11,027	10,206	11,000	11,428	11,000
Tonnes CO ²	Tonnes	55	51	55	57	55

‘WATER CONSUMPTION’

WATER CONSUMPTION	Measured Units	Actual m ³ 2007/08	Actual m ³ 2008/09	Target m ³ 2009/10	Actual m ³ 2009/10	Target 2010/11
Water	m ³	18,722	20,013	19,500	16,662	16,500
Tonnes CO ²	Tonnes	19	20	19.5	16.6	16.5

‘CARBON FOOTPRINT’

CARBON FOOTPRINT	Measured Units	Actual Footprint 2007/08	Actual Footprint 2008/09	Actual Footprint 2009/10	Target Footprint 2010/11
Generated from waste, gas, electric; petrol/diesel & other travel	Tonnes of CO ₂ e	2,216.3	2,151.3	2,154.3	2,145.2