

Environmental and Sustainability

2018-19: Data



GREENHOUSE GAS EMISSIONS

		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Non-financial indicators	Total gross emissions for scopes 1 and 2	2,225	1,911	1,801	1,656	1,882	1,900	1,941	1,488	1,159
	Total net emissions for scopes 1	611	450	455	363	364	449	549	407	355
	Total net emissions for scopes 2	1,614	1,461	1,347	1,293	1,518	1,451	1,391	1,082	805
	Gross emissions scope 3 – business travel	726	663	589	597	496	422	332	323	383
Related energy consumption (kWh)	Electricity: non-renewable	3,011,414	2,924,112	2,679,575	2,629,114	2,779,913	210,875	297,148	293,901	87,910
	Electricity: renewable	314,160	305,748	273,545	273,886	289,732	2,928,051	3,079,366	2,782,799	2,755,263
	Gas	3,296,834	2,449,626	2,454,047	1,972,546	1,965,847	2,435,887	2,985,721	2,207,653	1,927,693
Financial Indicators (£000)	Expenditure on energy	387	418	407	555	524	589	609	565	589
	Expenditure on electricity	362	403	371	465	473	525	535	518	536
	Expenditure on gas ¹	25	15	36	90	51	64	74	47	53
	Expenditure on official business travel (excluding accommodation costs and subsistence)	930	797	781	897	748	690	660	693	800

Note

1 This does not include Newcastle Office gas expenditure as it is included in the service charge.

Data Collection Methodologies

This data is not weather adjusted.

In 2015-16 our carbon footprint was restated for all years in order to account for material changes to the conversion factors provided by the Department for Environment, Food & Rural Affairs (Defra) for company reporting purposes.

London Office data – Scope 1 and 2

Calculated using first hand data retrieved from the Office's Building Management System.

The data does not include the scope 1 and 2 emissions produced by National Audit Office (NAO) tenants.

Tenants' electricity consumptions is calculated based upon their metered supply.

Gas is metered at its point of entry into the building and so the tenants' consumption is estimated based on the floor space they occupy.

Newcastle Office data – Scope 1 and 2

As in London, electricity is metered on to the office floor but gas is calculated as a percentage of occupied space.

Scope 3

Scope 3 emissions from the NAO's business travel are calculated by the NAO's travel management company and a report is provided on a quarterly basis.

WASTE

		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Non-financial indicators (tonnes)										
Total waste			127.4	126.8	123	134.1	151.5	124.8	117.5	118.4
Hazardous waste total			0.8	1.0	1.0	1.0	1.0	1.0	0.5	0.0
Non-hazardous waste	Landfill	Not available	0	0	0	0	0	0	0	0
	Reused/recycled		111.2	121.8	116.1	129.1	148.9	122.9	116.5	94.2
	Incinerated/energy reused		17	5	6.9	4	1.5	1.8	0.5	24.2
Financial Indicators (£000)										
Total disposal cost		39	39.8	30.9	32.1	37	43.9	43.7	35.2	34.0
Hazardous waste – total disposal cost			0.5	0.5	1	1	1.2	1.0	1.2	1.8
Non-hazardous waste – total disposal cost	Landfill	Not available	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Reused/recycled		21.2	16.5	31.1	36	42.7	42.7	34	30.3
	Incinerated/energy reused		18.1	13.9	Nil	Nil	Nil	Nil	Nil	1.9

Data Collection Methodologies**London Office data**

The waste data above includes waste generated by NAO tenants.

Waste disposal is outsourced to Mitie Waste and Environmental. Monthly reports detailing the weight of generated waste and a breakdown of waste by type are provided.

Newcastle Office data

The Landlord provides a general waste disposal service as part the lease's service contract and does not provide data on general waste.

Disposal of all recycled waste is outsourced to Mitie Waste and Environmental. Monthly reports detailing the weight of generated waste and a breakdown by type are provided.

WATER

		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Finite Resource Consumption – Water										
Non-financial indicators (m3)										
Water consumption	Supplied	7,038	7,172	5,520	6,794	6,093	6,388	6,107	6,195	4,685
	Abstracted	–	–	–	–	–	–	–	–	–
Financial Indicators (£000)										
Water supply costs¹		17.6	15.4	16.7	16.9	15.8	16.5	14.9	16.8	12.5

Note

¹ This does not include Newcastle Office water expenditure as it is included in the service charge.

Data Collection Methodologies**London Office data**

Water consumption is calculated using data retrieved from the Office's Building Management System. However, there are no separate meters for sublet space so water consumption includes tenant consumption and the calculation of the target ratio is based upon the number of building users (both NAO and tenant full-time equivalent).

Newcastle Office data

As in London, water is metered into the building but not on to the office floor. For this office, consumption is calculated as a percentage of occupied space.