

Annual Greenhouse Gas Emissions Report 2024/25

for Vale of White Horse
District Council



Greenhouse gas emissions reporting requirements

Since 2011, the Department for Energy Security and Net Zero has required local authorities to measure and report greenhouse gas emissions from their estate and operations. 2024/25 is the fifteenth year of reporting and 2009/10 represents the first year of reporting.

Their guidance draws on the principles of the Greenhouse Gas Protocol, an internationally recognised standard for corporate accounting and reporting of greenhouse gas emissions. Under the protocol all six greenhouse gases are taken into consideration namely, carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs) and sulphur hexafluoride (SF₆) and are reported in terms of tonnes of carbon dioxide equivalent.

Greenhouse gas emissions reporting period April 2009 – March 2025

Table one shows Vale of White Horse District Council greenhouse gas emissions between 2009/10 and 2024/25 measured in tonnes of CO₂ equivalent (tCO₂e). Across all scopes, gross emissions have fallen by 2,515 tCO₂e – equivalent to a 45 per cent reduction – since 2009/10. Scope one emissions from gas and oil use in buildings and fuel use in fleet vehicles have decreased by 641 tCO₂e, equivalent to a 23 per cent reduction. Scope two emissions from purchased electricity have fallen by 83 per cent – equivalent to a reduction of 1,318 tCO₂e. Scope three emissions from business mileage, contractor energy and fuel use, well to tank (WTT) processes and transmission and distribution losses have decreased by 556 tCO₂e, equal to a reduction of 48 per cent.

Table One: Vale of White Horse District Council greenhouse gas emissions 2009/10 – 2024/25¹²

Scope	tCO ₂ e																Change since 2009/10	% change since 2009/10
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25		
Scope one	2,837	2,842	2,629	2,635	2,563	2,648	2,680	2,354	2,309	2,380	2,309	1,820	2,199	1,994	1,973	2,196	-641	-23%
Scope two	1,583	1,426	1,320	1,250	1,146	1,047	991	929	775	680	462	247	324	354	327	265	-1,318	-83%
Scope three	1,168	1,043	951	930	973	951	915	851	848	837	731	574	651	615	595	612	-556	-48%
Gross emissions	5,588	5,311	4,900	4,816	4,682	4,646	4,585	4,134	3,932	3,898	3,502	2,641	3,174	2,963	2,895	3,073	-2,515	-45%
Carbon offsets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Green tariff	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Net Total Emissions	5,588	5,311	4,900	4,816	4,682	4,646	4,585	4,134	3,932	3,898	3,502	2,641	3,174	2,963	2,895	3,073	-2,515	-45%

Since 2019/20, the baseline year for Vale of White Horse's Climate Emergency targets, gross emissions have fallen by 429 tCO₂e – equivalent to a 12 per cent reduction. Scope one emissions have decreased by 113 tCO₂e, a 5 per cent reduction. Scope two emissions have fallen by 197 tCO₂e, equivalent to a 43 per cent reduction. Scope three emissions have decreased by 119 tCO₂e, equal to a reduction of 16 per cent.

¹ As a result of rounding, the totals presented may be slightly different to the sum of the individual values.

² In light of the Vale's Climate Emergency declaration and the increased corporate priority given to climate change, the council reviewed its procedures for reporting carbon emissions in 2021/22. As a result of this work, an anomaly regarding the reporting of shared use leisure centre emissions came to light. Historically, the Vale had recorded these emissions in full even though a proportion of the energy bill from each shared leisure has been paid directly by Oxfordshire County Council under Joint Use Agreements. From 2021/22 onwards this has changed, and the council now only reports its share of leisure centre emissions in line with the percentage of utilities paid. It is not the Vale's intention to amend any previously published data.

Table two shows in greater detail the sources of greenhouse gas emissions for each scope

Table Two: Vale of White Horse District Council greenhouse gas emissions 2009/10 – 2024/25³⁴⁵⁶

		tCO2e																		
Scope	Source	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	Change since 2009/10	% Change since 2009/10	
One	Gas Consumption	1,530	1,633	1,495	1,530	1,372	1,455	1,499	1,205	1,174	1,259	1,252	639	998	735	764	896	-634	-41%	
	Oil Consumption	31	30	31	52	52	25	32	93	0	59	83	0	0	17	12	14	-17	-56%	
	Facilities Fleet							3	1	0	1	2	3	2	2	2	2			
	Waste Team											1	0							
	Waste Fleet	1,223	1,170	1,101	1,051	1,136	1,163	1,144	1,051	1,130	1,057	970	1,158	1,116	1,173	1,138	1,216	-7	-1%	
	Grounds Maintenance												19	81	65	55	68			
	Technical Services												1	1	2	1	1			
	Environmental Health	9	4	3	3	3	4	2	4	5	5									
	DSO Fleet	44	4																	
	Total scope one	2,837	2,842	2,629	2,635	2,563	2,648	2,680	2,354	2,309	2,380	2,309	1,820	2,199	1,994	1,973	2,196	-641	-23%	
Two	Purchased electricity	1,583	1,426	1,320	1,250	1,146	1,047	991	929	775	680	462	247	324	354	327	265	-1,318	-83%	
	Total scope two	1,583	1,426	1,320	1,250	1,146	1,047	991	929	775	680	462	247	324	354	327	265	-1,318	-83%	
Three	WTT Gas	150	160	146	158	210	195	202	164	178	190	163	83	171	125	126	148	-2	-1%	
	WTT Oil	6	6	6	11	11	5	6	17	0	13	19	0	0	4	3	3	-3	-46%	
	WTT Facilities Fleet							0.6	0.2	0.0	2.9	0.6	0.7	0.5	0.5	0.4	0.5			
	WTT Waste Team											0.3	0.0							
	WTT Waste Fleet	254	243	229	237	252	259	257	223	269	252	231	277	271	280	277	296	41	16%	
	WTT Grounds Maintenance												5	20	16	13	17			
	WTT Technical Services												0.3	0.3	0.5	0.3	0.2			
	WTT Environmental Health	2	1	1	1	1	1	1	1	1	1									
	WTT DSO Fleet	8	1																	
	Finance contractor	31	22	13	13	12	13	12	9	6	7	7	6	6	6	6	6	-25	-81%	
	Leisure contractor	19	3	3	4	4	2	5	6	6	5	5	1	2	1	1	1	-18	-94%	
	Waste contractor	117	69	45	53	36	46	51	38	20	40	28	26	26	20	20	13	-104	-89%	
	Grounds Maintenance Contractor	141	168	119	94	95	107	89	105	110	102	109	83							
	Cleaning contractor			13	7	8	8	8	7	5	4	7	5							
	Facilities contractor								2	4										
	Car parks contractor								2	3	5	5	5	4	5	5	5			
	Property contractor								0.2	0.2										
	Council business travel	84	50	61	52	51	49	42	41	37	32	47	24	30	33	36	36	-48	-57%	
	WTT electricity	230	205	202	201	196	173	160	152	135	119	70	37	92	92	79	64	-166	-72%	
	T&D losses electricity	125	115	113	99	98	92	82	84	73	64	39	21	29	32	28	23	-102	-81%	
	Total scope three	1,168	1,043	951	930	973	951	915	851	848	837	731	574	651	615	595	612	-556	-48%	
	Total emissions		5,588	5,311	4,900	4,816	4,682	4,646	4,585	4,134	3,932	3,898	3,502	2,641	3,174	2,963	2,895	3,073	-2,515	-45%

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⁵ WTT refers to emissions associated with the extraction, refining and transportation of raw fuels before their combustion.

⁶ T&D losses refers to the emissions associated with the electricity lost in transmission and distribution.

Figure one shows gross greenhouse gas emissions from council operations between 2009/10 and 2024/25 across each scope.

Figure One: Vale of White Horse District Council gross greenhouse gas emissions 2009/10 – 2024/25

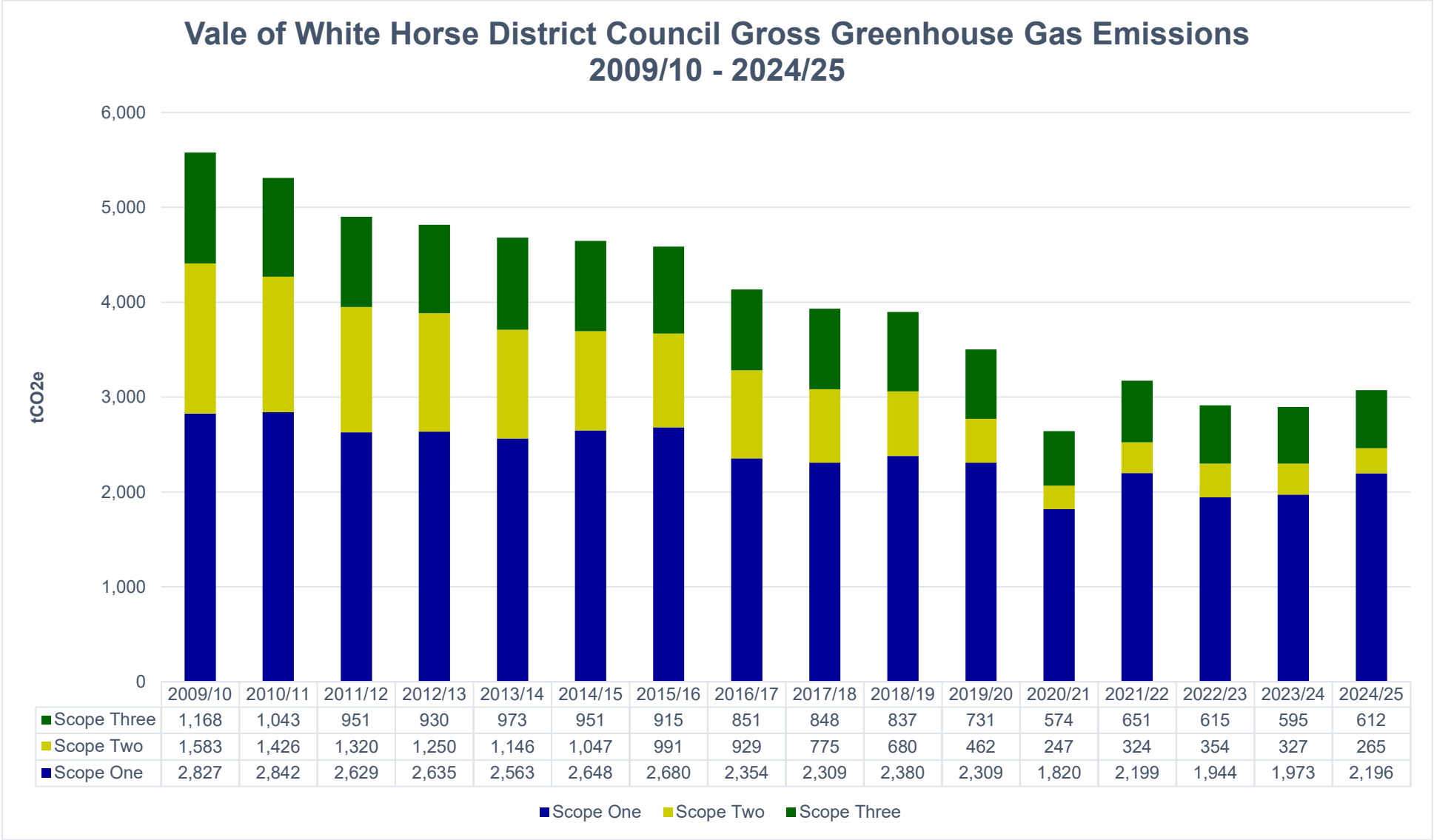


Table three shows the breakdown of greenhouse gas emissions by gas type.

Table Three: 2024/25 CO₂, CH₄ and N₂O emissions⁷

Scope	2024/25		
	CO ₂	CH ₄	N ₂ O
Scope one	2,176.6	1.6	17.4
Scope two	262.6	1.2	1.6
Scope three	71.4	0.2	0.4
Total	2,510.6	2.9	19.3

Contextual analysis

In 2019, Vale of White Horse declared a Climate Emergency. This committed the council to working towards reducing its impact upon the environment. To facilitate this, a Climate Emergency Advisory Committee was established to advise on how the Vale can contribute to carbon reduction targets and minimise damage to the environment through its policies and practices. The council’s target is to become net zero in its operations by 2030 and a net zero district by 2045.

Action on climate and nature recovery is one of the key themes of Vale’s Council Plan 2025-29. This Plan commits the council to protecting and enhancing the environment, building resilience and adapting to the effects of climate change, and leading the district to net zero. In March 2025, Cabinet adopted the Joint South Oxfordshire and Vale of White Horse Nature and Climate Action Plan (NCAP) 2025-2029. The NCAP set out the actions that the council will take to progress towards its net zero targets.

Gas usage in buildings owned/operated by the council increased between 2023/24 and 2024/25 (from 4,177,571 kWh to 4,897,254 kWh). This rise the use of gas was driven by an increase in the number of degree days in 2024/25 compared to the previous year (1,656 compared to 1,468).⁸ The increase in gas usage at the council’s buildings contributed to a 132 tCO₂e increase in Vale’s natural gas scope one GHG emissions (from 764 tCO₂e to 896 tCO₂e) and a 22 tCO₂e increase in Vale’s natural gas scope three GHG emissions (from 126 tCO₂e to 148 tCO₂e). On a weather-adjusted basis, which considers the impact of degree days, Vale’s natural gas scope one CO₂ GHG emissions were also higher in 2024/25 (1,330 tCO₂) than in 2023/24 (1,280 tCO₂).

MAJOR EMISSIONS SOURCES

The proportion of the waste contractor’s emissions attributed to Vale of White Horse in 2024/25 was 49 per cent of the total emissions (an increase on the previous year). This figure will continue to be updated on an annual basis to reflect the respective number of properties within South and Vale.

⁷ As a result of rounding, the totals presented may be slightly different to the sum of the individual values.
⁸ A degree day is a unit used in various fields, primarily in energy management and agriculture, to quantify the difference between a day’s mean temperature and a specific "base" temperature

2024/25 saw an increase in the overall fuel use of Vale's waste fleet (483,875 litres compared to 453,118 litres). The increase in the council's waste fleet fuel usage contributed to a 78 tCO₂e increase in Vale's waste fleet diesel scope one GHG emissions (from 1,1138 tCO₂e to 1,216 tCO₂e) and a 19 tCO₂e increase in Vale's waste fleet diesel scope three GHG emissions (from 277 tCO₂e to 296 tCO₂e).

In addition, waste fleet fuel usage also remains significantly above the figure for 2019/20 (374,048 litres). The consistently higher level of fuel usage seen over the last five years has been driven by a combination of factors including operational changes, continued growth in the number of properties being serviced, large peaks in tonnage forcing vehicles to carry out extra tip runs and an increase in garden waste customers.

OTHER FACTORS

- Following a reassessment of the sites that the council monitors, Vale of White Horse has recommenced recording the energy usage figures for sewage treatment works and pumping stations. We are also now recording energy usage figures for the Grounds Maintenance depot at Hithercroft – the total energy usage figure is divided on a 79:21 basis between Vale and South.
- During August 2024, the public convenience and ground maintenance teams took receipt of two electric vans. These replaced existing diesel/petrol vehicles. In the autumn of 2024, South and Vale took delivery of their first electric food waste collection vehicle as part of their plans to decarbonise the waste vehicle fleet.
- The council purchases electricity from a 100 per cent green tariff however this is not 'additional' and is already taken account of in the carbon factor for electricity.
- The refurbished public conveniences at Portway, Wantage benefit from solar panels which will provide electricity for toilet operation with any excess energy being exported to the grid.
- To reflect the shared nature of the workforce, staff mileage is divided equally between South Oxfordshire and Vale of White Horse.
- The carbon factor for electricity remained at a similar level to last year. The carbon factor for electricity has, however, decreased overall by 58.1 per cent since 2009.

Data Set

The approach set out in the Greenhouse Gas Protocol is to identify and categorise emissions-releasing activities into three groups, known as scopes. The guidance recommends reporting scope one and scope two emissions, but states that reporting scope three emissions is discretionary. The three scopes are:

Scope one, direct emissions:

Activities owned or controlled by the council that release emissions straight into the atmosphere. Scope one emissions include emissions from combustion in owned or controlled boilers, furnaces and vehicles.

Scope two, indirect energy:

Emissions being released into the atmosphere associated with the council's consumption of purchased electricity. These are indirect emissions that are a consequence of the council's activities, but which occur at sources the council does not own or control.

Scope three, other indirect:

Emissions that are a consequence of the council's actions that occur at sources which the council does not own or control and which are not classed as scope two emissions. Examples of scope three emissions are business travel by means not owned or controlled by the council, well to tank processes and electricity transmission and distribution losses.

The Department for Energy Security and Net Zero has not imposed exact instructions on what local authorities should include in their annual greenhouse gas emissions report. The Vale has identified activities which are responsible for greenhouse gas emissions being released into the atmosphere. These include energy use in buildings and fuel use in plant, equipment or vehicles, when occupied or operated by the council or its key contractors.

Emissions from residential waste collection are included under scope one however, emissions from the treatment and disposal of residential waste are not included. Emissions from the collection and disposal of waste from council offices, water use and staff commuting have also been excluded due to insufficient data and difficulties obtaining data. The council will work towards including these emissions in future reports. Emissions of PFCs, HFCs and SF6 have not been included in this report as council activities are not significant sources of these gases.

Emissions associated with the extraction, refining and transportation of raw fuels before their combustion are referred to as well to tank (WTT) processes and form part of scope three emissions. Emissions associated with electricity transmission and distribution losses are also included in scope three.

Table Four: Council greenhouse gas emissions sources under each scope (scope four emissions are not included)

Scope One	Scope Two	Scope Three	Scope Four
Gas and oil use in council offices, civic buildings, leisure centres and temporary accommodation hostels	Electricity use in council offices, civic buildings, leisure centres, temporary accommodation hostels, car parks, CCTV, public conveniences, pumping stations and sewage treatment works	Major contractor electricity, gas, oil and fuel use and mileage	Perfluorocarbons, hydrofluorocarbons and sulphur hexafluoride
Fuel used in council vehicle fleet		Business mileage by car	Staff commuting
		Business mileage by public transport	Council office waste collection, treatment and disposal
		WTT processes and transmission and distribution losses	Water
Residential waste treatment and disposal			
Fuel used in waste collection vehicle fleet			Fugitive emissions (industrial leaks)

Data collection and methodology

The Department for Energy Security and Net Zero publish guidance for local authorities on how to report and measure their greenhouse gas emissions including annually updated greenhouse gas conversion factors. Greenhouse gas emissions for 2024/25 have been reported in line with the guidance published in June 2013⁹ and calculated using the 2024 conversion factors.

Energy and fuel use in council and contractor buildings, plant, equipment and vehicles and the resulting carbon dioxide emissions have been reported annually since 2007 when the council established its carbon management plan. Data is collected on either a monthly or quarterly basis. Each service area is responsible for assembling and collating information on energy consumed in delivering their services. Contractors are responsible for gathering and passing data to client managers.

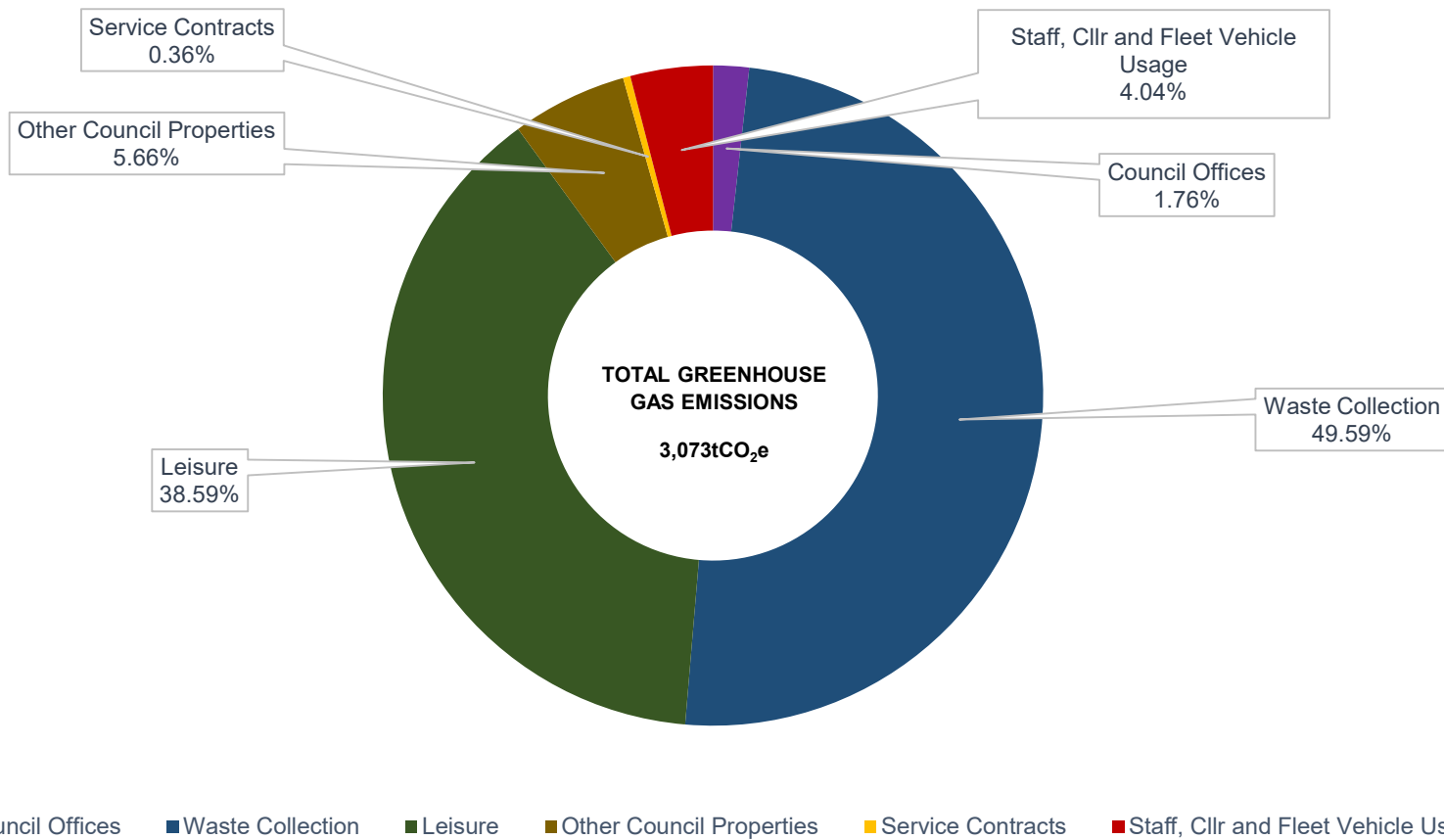
⁹ <https://www.gov.uk/guidance/measuring-and-reporting-environmental-impacts-guidance-for-businesses>

Appendix One – Vale of White Horse Greenhouse Gas Emissions (kgCO2e) by source 2024/25¹⁰

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO2e)	
		Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG		kgCO2e	tCO2e
Council Offices	Abbey House	27,703	16,354	3,626	314	1,445		4,576	54,018	54,018	54
Waste Collection	Biffa Fleet	1,215,876						295,652	1,511,529	1,524,298	1,524
	Biffa Buildings			2,130	184	849	9,607	0	12,769		
Leisure	Faringdon Leisure Centre	82,425	41,009	9,091	786	3,625		13,614	150,550	1,186,114	1,186
	Wantage Leisure Centre	154,260	48,683	10,792	933	4,303		25,479	244,451		
	White Horse Leisure and Tennis Centre	538,350	104,953	23,266	2,012	9,276		88,920	766,778		
	Abingdon Outdoor Pool and Kiosk	13,515	4,939	1,095	95	436		3,074	23,154		
	Leisure Mileage						923	258	1,181		
Other Council Properties	The Beacon	47,474	11,100	2,461	213	981		7,841	70,071	173,706	174
	District Community Centre	21,082	6,317	1,400	121	558		3,482	32,961		
	Temporary Accommodation Hostels	24,414	3,209	711	62	284		4,033	32,712		
	Public Conveniences		7,581	1,681	145	670			10,077		
	Abingdon Multi Storey Car Park		6,434	1,426	123	569			8,552		
	Car Parks		9,798	2,172	188	866			13,024		
	CCTV		559	124	11	49			743		
	Sewage Treatment Works and Pumping Stations		2,639	585	51	233			3,508		
	Hithercroft Grounds Maintenance Depot		1,548	343	30	137			2,058		
Service Contracts	Capita			686	59	273	4,492	298	5,809	10,601	11
	Saba						3,745	1,047	4,792		
Staff, Cllr and Fleet Vehicle Usage	Facilities Fleet	1,873						458	2,330	124,237	124
	Grounds Maintenance	67,927	157	35	3	14		16,667	84,803		
	Technical Services (Cleaning)	650						203	853		
	Staff and Councillor Business Travel						28,681	7,569	36,251		
Grand Total									3,072,973	3,073	

¹⁰ As a result of rounding, the totals presented may be slightly different to the sum of the individual values.

Vale of White Horse District Council Greenhouse Gas Emissions 2024/25

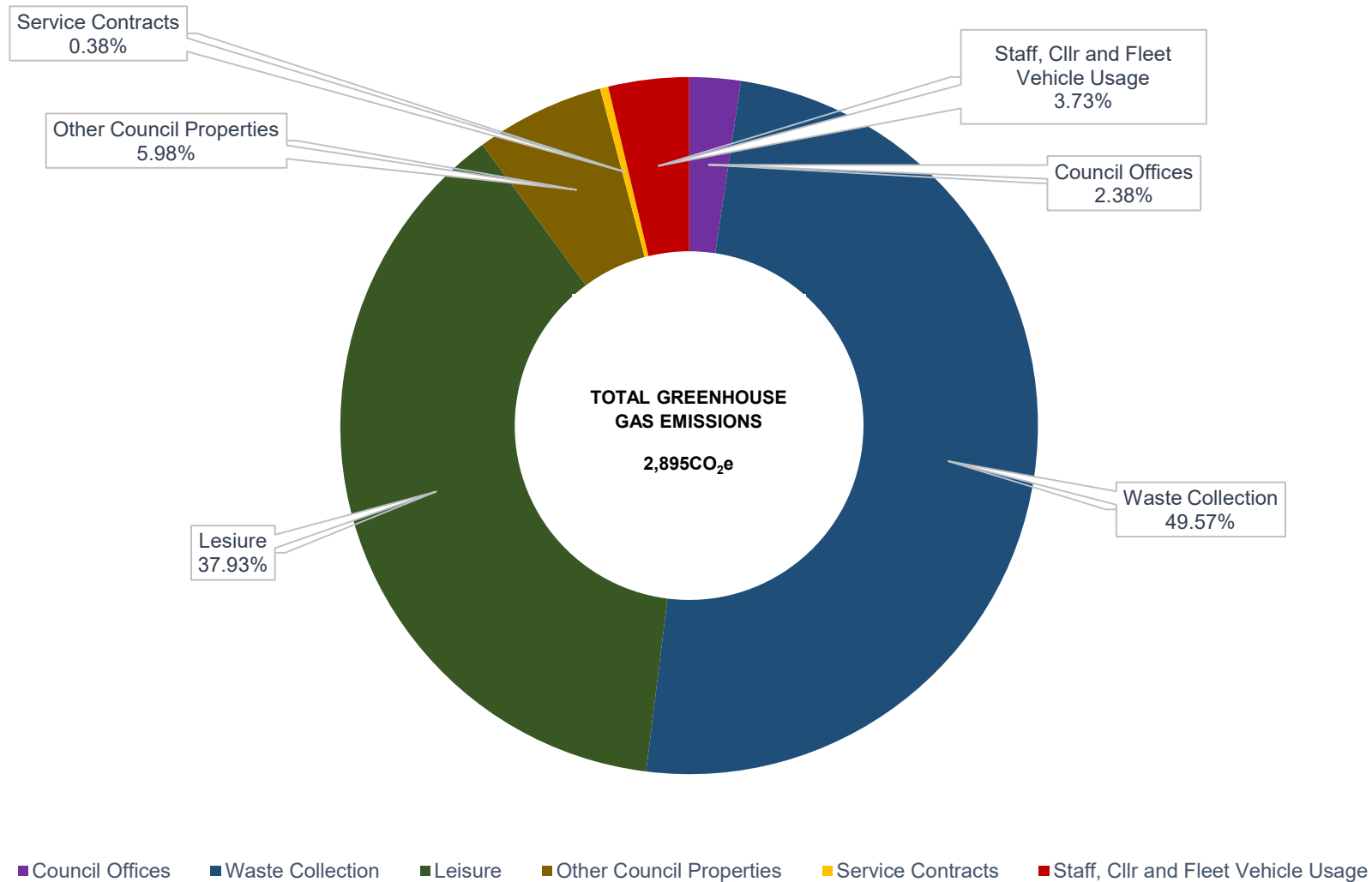


Appendix Two – Vale of White Horse Greenhouse Gas Emissions (kgCO₂e) by source 2023/24¹¹

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO ₂ e)	Conversion to tCO ₂ e
		Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG			
Council Offices	Abbey House	32,268	23,943	5,307	459	2,071		5,329	69,378	69,378	69
Waste Collection	Biffa Fleet	1,138,261						276,860	1,415,121	1,435,310	1,435
	Biffa Buildings and Business Mileage			3,371	292	1,316	15,210	0	20,189		
Leisure	Faringdon Leisure Centre	87,305	38,040	8,432	729	3,291		14,418	152,216	1,098,250	1,098
	Wantage Leisure Centre	134,120	45,565	10,100	874	3,942		22,149	216,749		
	White Horse Leisure and Tennis Centre	423,105	164,009	36,354	3,144	14,189		69,874	710,677		
	Abingdon Outdoor Pool and Kiosk	12,420	1,612	357	31	139		2,820	17,380		
	Leisure Mileage						962	267	1,229		
Other Council Properties	The Beacon	41,335	14,062	3,117	270	1,217		6,826	66,826	172,647	173
	District Community Centre	22,519	6,102	1,353	117	528		3,719	34,338		
	Temporary Accommodation Hostels	23,546	4,303	954	82	372		3,889	33,146		
	Public Conveniences		7,316	1,622	140	633			9,711		
	Abingdon Multi Storey Car Park		9,068	2,010	174	785			12,037		
	Car Parks		11,940	2,647	229	1,033			15,848		
	CCTV		559	124	11	48			742		
Service Contracts	Capita			686	59	268	4,473	293	5,779	10,591	11
	Saba						3,767	1,046	4,813		
Staff, Cllr and Fleet Vehicle Usage	Facilities Fleet	1,706						417	2,122	108,398	108
	Grounds Maintenance	54,824						13,473	68,297		
	Technical Services (Cleaning)	1,319						323	1,641		
	Staff and Councillor Business Travel						28,790	7,547	36,337		
Grand Total										2,894,574	2,895

¹¹ As a result of rounding, the totals presented may be slightly different to the sum of the individual values.

Vale of White Horse District Council Greenhouse Gas Emissions 2023/24

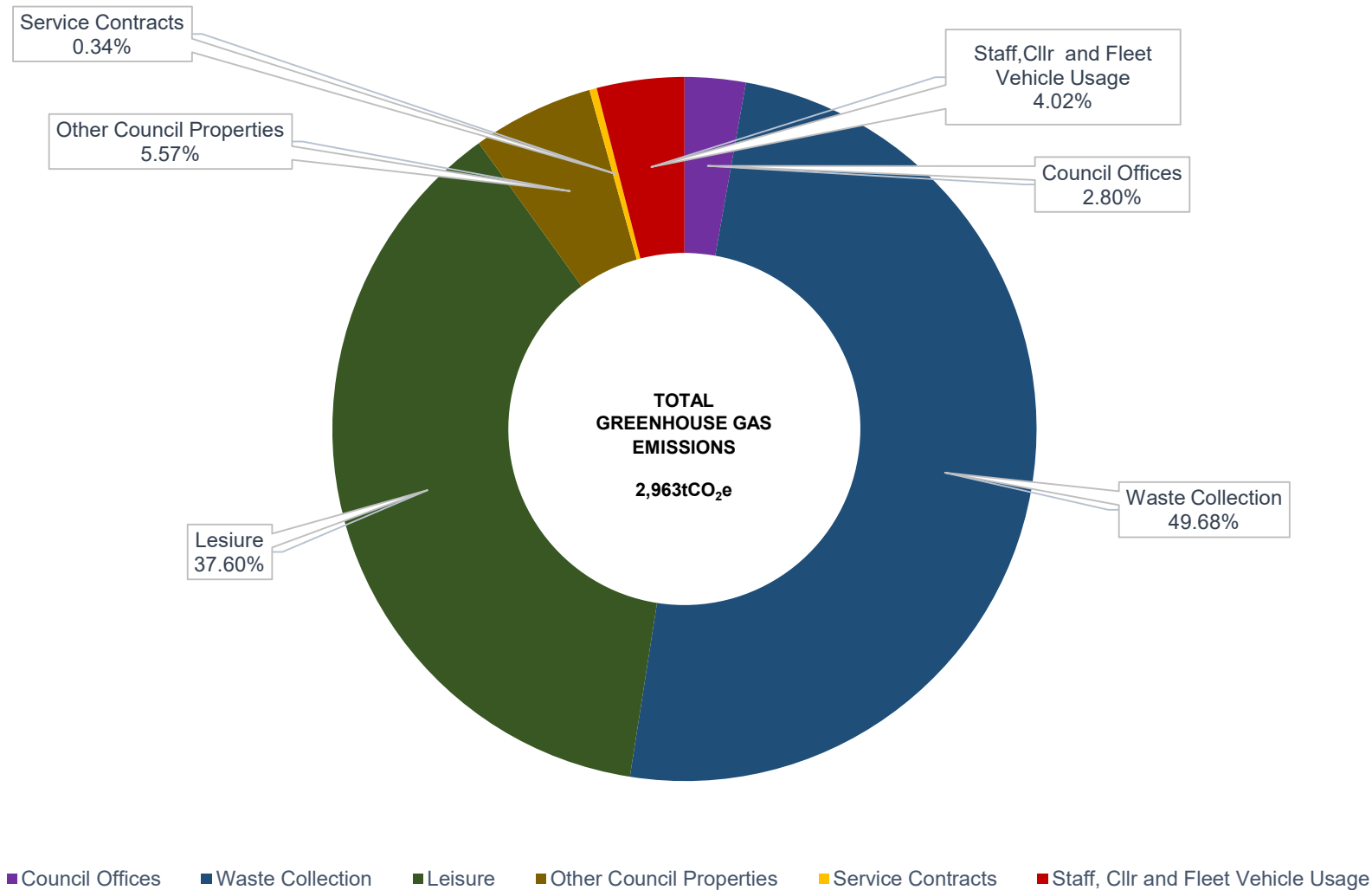


Appendix Three – Vale of White Horse Greenhouse Gas Emissions (kgCO₂e) by source 2022/23¹²

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO ₂ e)	Conversion to tCO ₂ e
		Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG			
Council Offices	Milton Park	10,552	7,453	1,783	163	682		1,798	22,431	83,396	83
	Abbey House	31,500	17,818	4,261	390	1,630		5,367	60,966		
Waste Collection	Biffa Fleet	1,172,700						279,604	1,452,304	1,472,124	1,472
	Biffa Buildings and Business Mileage			3,505	321	1,341	14,654	0	19,820		
Leisure	Faringdon Leisure Centre	79,080	32,114	7,681	702	2,938		13,473	135,989	1,114,453	1,114
	Wantage Leisure Centre	134,484	46,534	11,129	1,018	4,257		22,912	220,334		
	White Horse Leisure and Tennis Centre	395,275	198,758	47,536	4,348	18,182		67,344	731,443		
	Abingdon Outdoor Pool and Kiosk	17,387	2,842	680	62	260		3,987	25,217		
	Leisure Mileage						1,144	326	1,470		
Other Council Properties	The Beacon	44,822	13,250	3,169	290	1,212		7,637	70,380	164,529	165
	District Community Centre	19,874	5,331	1,275	117	488		3,386	30,471		
	Temporary Accommodation Hostels	19,514	3,606	862	79	330		3,325	27,716		
	Public Conveniences		6,404	1,532	140	586			8,661		
	Abingdon Multi Storey Car Park		9,126	2,183	200	835			12,343		
	Car Parks		10,537	2,520	230	964			14,252		
	CCTV		522	125	11	48			706		
Service Contracts	Capita			691	63	264	4,259	290	5,567	10,374	10
	Saba						3,759	1,047	4,806		
Staff, Cllr and Fleet Vehicle Usage	Facilities Fleet	2,095						534	2,629	118,512	119
	Grounds Maintenance	64,573						15,613	80,187		
	Technical Services (Cleaning)	1,912						487	2,398		
	Staff and Councillor Business Travel						26,329	6,969	33,298		
Grand Total										2,963,389	2,963

¹² As a result of rounding, the totals presented may be slightly different to the sum of the individual values.

Vale of White Horse District Council Greenhouse Gas Emissions 2022/23

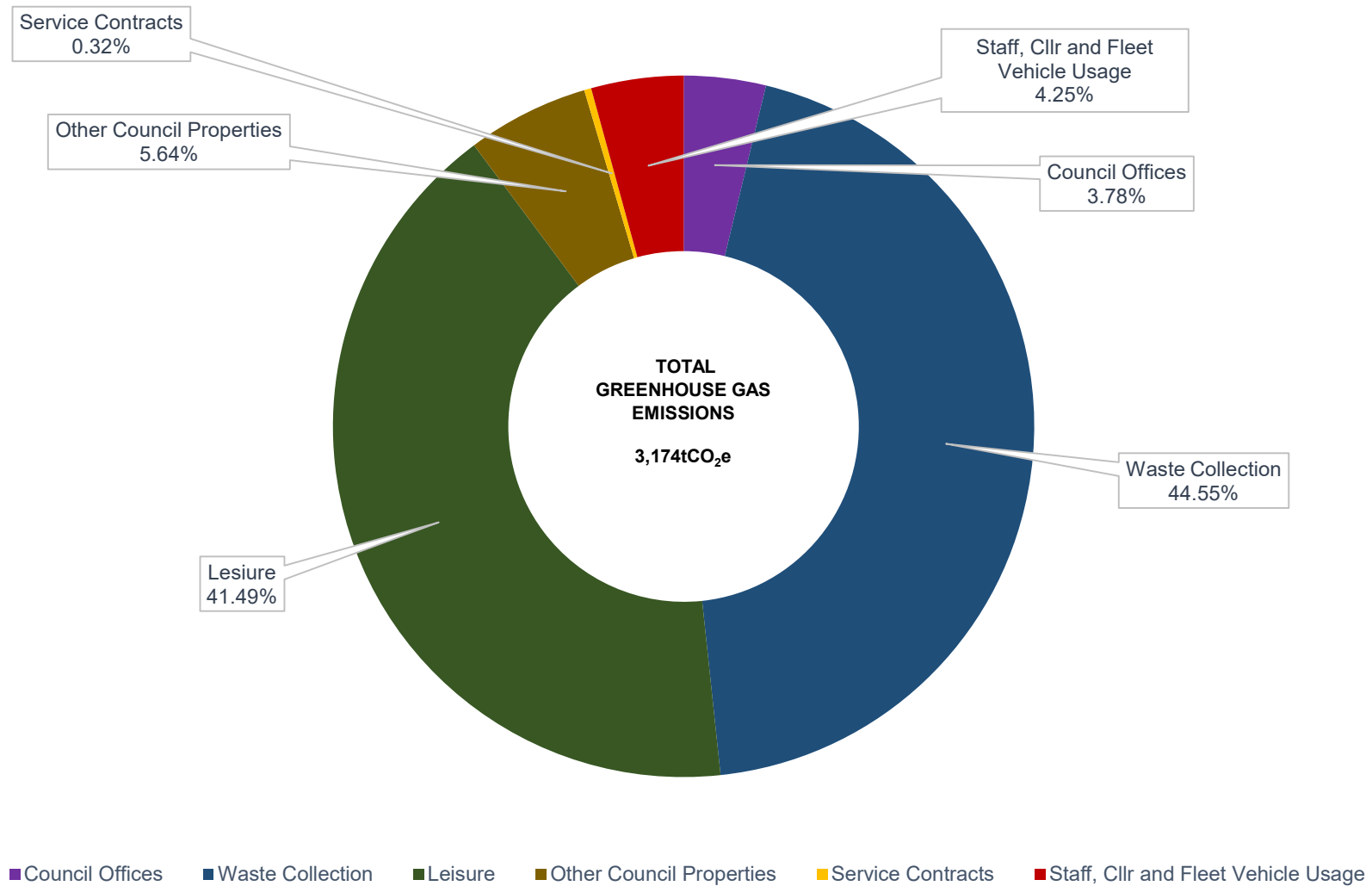


Appendix Four – Vale of White Horse Greenhouse Gas Emissions (kgCO₂e) by source 2021/22¹³

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO ₂ e)	Conversion to tCO ₂ e
		Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG			
Council Offices	Milton Park	58,524	21,361	5,562	492	1,890		10,017	97,847	120,047	120
	Abbey House	10,567	7,161	1,865	165	634		1,809	22,200		
Waste Collection	Biffa Fleet	1,116,430						271,010	1,387,440	1,413,619	1,414
	Biffa Buildings and Business Mileage			4,969	439	1,689	19,082	0	26,179		
Leisure	Faringdon Leisure Centre	101,259	31,643	8,240	729	2,800		17,332	162,002	1,316,583	1,317
	Wantage Leisure Centre	173,114	45,232	11,778	1,042	4,003		29,630	264,798		
	White Horse Leisure and Tennis Centre	564,856	159,546	41,545	3,674	14,119		96,682	880,422		
	Abingdon Outdoor Pool and Kiosk	0	5,619	1,463	129	497		0	7,709		
	Leisure Mileage						1,290	362	1,652		
Other Council Properties	The Beacon	61,688	15,225	3,964	351	1,347		10,559	93,133	178,697	179
	District Community Centre	18,229	5,164	1,345	119	457		3,120	28,434		
	Temporary Accommodation Hostels	9,952	2,785	725	64	246		1,703	15,475		
	Public Conveniences		7,301	1,901	168	646			10,016		
	Abingdon Multi Storey Car Park		10,624	2,766	245	940			14,575		
	Car Parks		11,864	3,089	273	1,050			16,277		
	CCTV		573	149	13	51			787		
Service Contracts	Capita			826	73	281	4,507	285	5,972	10,406	10
	Saba						3,472	962	4,434		
Staff, Cllr and Fleet Vehicle Usage	Facilities Fleet	2,147						524	2,670	134,691	135
	Grounds Maintenance	80,776						19,833	100,610		
	Technical Services (Cleaning)	1,401						342	1,742		
	Staff and Councillor Business Travel						23,534	6,135	29,669		
Grand Total										3,174,043	3,174

¹³ As a result of rounding, the totals presented may be slightly different to the sum of the individual values.

Vale of White Horse District Council Greenhouse Gas Emissions 2021/22

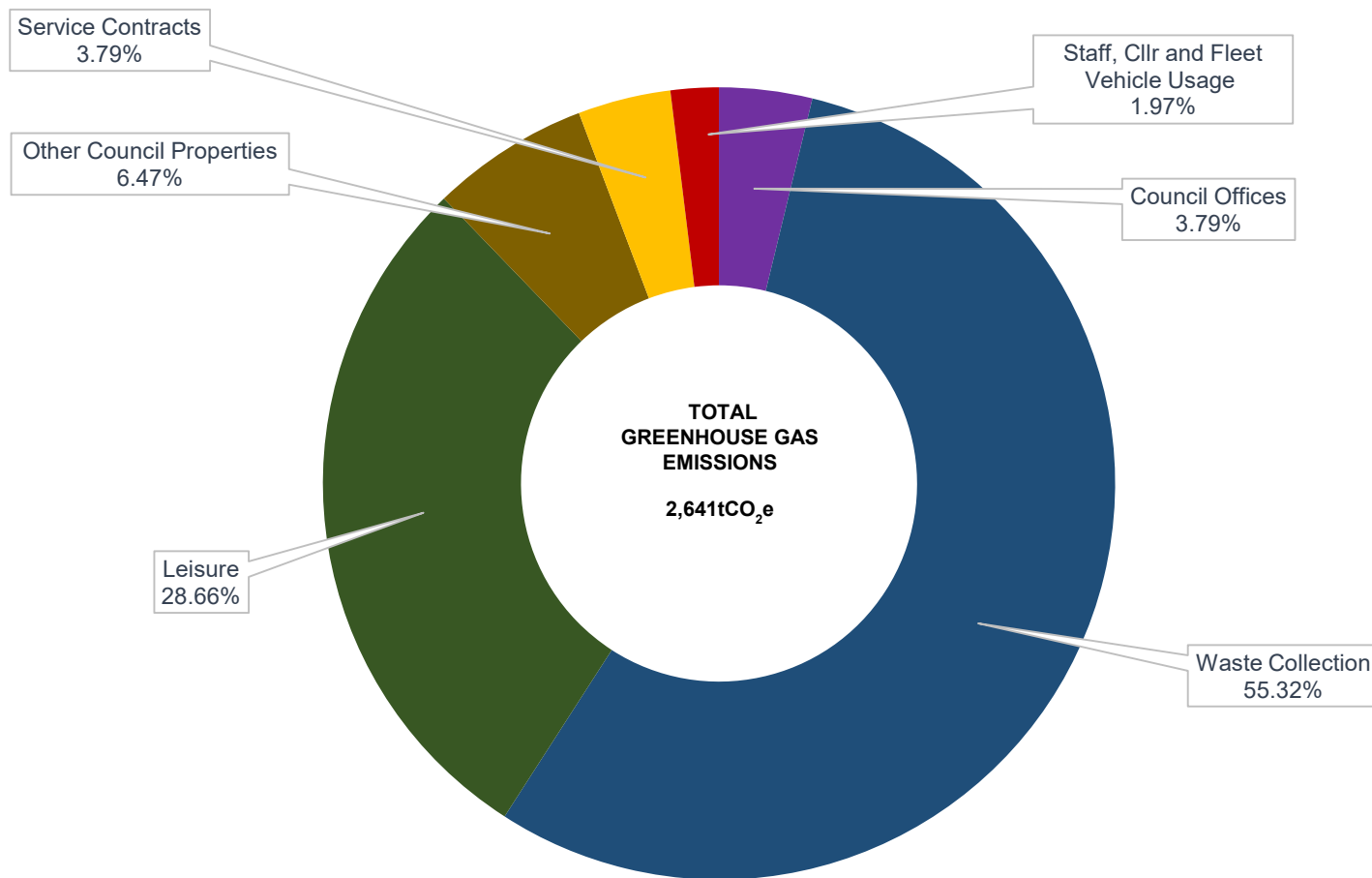


Appendix Five – Vale of White Horse Greenhouse Gas Emissions (kgCO₂e) by source 2020/21¹⁴

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO ₂ e)	Conversion to tCO ₂ e
		Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG			
Council Offices	Milton Park	48,516	21,752	3,002	258	1,871		6,309	81,708	100,391	100
	Abbey House	9,245	6,664	920	79	573		1,202	18,683		
Waste Collection	Biffa Fleet	1,157,701						277,440	1,435,141	1,460,899	1,461
	Biffa Buildings and Business Mileage			2,876	248	1,792	20,842	0	25,758		
Leisure	Faringdon Leisure Centre	56,162	19,519	2,693	232	1,679		7,303	87,588	756,733	757
	Wantage Leisure Centre	72,628	26,330	3,633	313	2,264		9,444	114,612		
	White Horse Leisure and Tennis Centre	361,875	116,204	16,035	1,381	9,994		47,057	552,546		
	Abingdon Outdoor Pool & Kiosk	0	649	90	8	56		0	803		
	Leisure Mileage						929	255	1,184		
Other Council Properties	The Beacon	49,756	10,634	1,467	126	915		6,470	69,368	171,021	171
	District Community Centre	11,777	2,409	332	29	207		1,531	16,285		
	Temporary Accommodation Hostels	29,223	5,287	730	63	455		3,800	39,558		
	Public Conveniences		5,660	781	67	487			6,995		
	Abingdon Multi Storey Car Park		17,428	2,405	207	1,499			21,539		
	Car Parks		13,350	1,842	159	1,148			16,499		
	CCTV		629	87	7	54			777		
Service Contracts	Capita			481	41	300	5,280	370	6,472	99,605	100
	Saba						4,254	1,130	5,384		
	Sodexo						66,879	16,156	83,035		
	Healthmatic						3,803	911	4,714		
Staff, Cllr and Fleet Vehicle Usage	Waste Team	0						0	0	52,325	52
	Facilities Fleet	2,868						690	3,558		
	Grounds Maintenance	19,122						4,646	23,768		
	Technical Services (Cleaning)	1,116						268	1,384		
	Staff and Councillor Business Travel						18,787	4,828	23,615		
Grand Total										2,640,974	2,641

¹⁴ As a result of rounding, the totals presented may be slightly different to the sum of the individual values.

Vale of White Horse District Council Greenhouse Gas Emissions 2020/21



■ Council Offices ■ Waste Collection ■ Leisure ■ Other Council Properties ■ Service Contracts ■ Staff, Cllr and Fleet Vehicle Usage

Appendix Six – Vale of White Horse Greenhouse Gas Emissions (kgCO₂e) by source 2019/20¹⁵

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO ₂ e)	Conversion to tCO ₂ e
		Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG	Total GHG			
Council Offices	Milton Park	41,425	36,604	5,105	434	3,108		5,387	92,063	118,957	119
	Abbey House	9,684	12,903	1,800	153	1,095		1,259	26,894		
Waste Collection	Biffa Fleet	970,322						230,821	1,201,143	1,229,391	1,229
	Biffa Buildings and Business Mileage			3,187	271	1,940	22,850		28,248		
Leisure	Faringdon Leisure Centre	154,622	59,976	8,365	711	5,092		20,109	248,875	1,786,907	1,787
	Wantage Leisure Centre	286,024	96,126	13,407	1,140	8,161		37,198	442,056		
	White Horse Leisure and Tennis Centre	683,783	161,748	22,560	1,917	13,732		88,927	972,667		
	Abingdon Outdoor Pool & Kiosk	82,746	13,806	1,926	164	1,172		18,976	118,790		
	Leisure Mileage						3,554	965	4,519		
Other Council Properties	The Beacon	46,733	21,811	3,042	259	1,852		6,078	79,775	186,805	187
	Temporary Accommodation Hostels	29,873	5,803	809	69	493		3,885	40,932		
	Public Conveniences		5,911	824	70	502			7,307		
	Abingdon Multi Storey Car Park		28,874	4,027	342	2,451			35,694		
	Car Parks		17,993	2,510	213	1,528			22,244		
	CCTV		690	96	8	59			853		
Service Contracts	Capita			533	45	324	5,872	432	7,206	128,301	128
	Saba						4,337	1,141	5,478		
	Sodexo						87,517	21,021	108,538		
	Healthmatic						5,719	1,360	7,079		
Staff, Cllr and Fleet Vehicle Usage	Waste Team	1,085						259	1,344	51,636	52
	Facilities Fleet	2,339						559	2,898		
	Staff and Councillor Business Travel						37,723	9,671	47,394		
Grand Total										3,501,997	3,502

¹⁵ As a result of rounding, the totals presented may be slightly different to the sum of the individual values.

Vale of White Horse District Council Greenhouse Gas Emissions 2019/20

