

# Annual Greenhouse Gas Emissions Report 2023/24

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. 2023/24 is the fourteenth year of reporting and 2009/10 represents the baseline year.

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 (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs) and sulphur hexafluoride (SF<sub>6</sub>) and are reported in terms of tonnes of carbon dioxide equivalent.

## Greenhouse gas emissions reporting period April 2009 – March 2024

Table one shows Vale of White Horse District Council greenhouse gas emissions between 2009/10 and 2023/24 measured in tonnes of CO<sub>2</sub> equivalent (tCO<sub>2</sub>e). Across all scopes, gross emissions have fallen by 2,693 tCO<sub>2</sub>e – equivalent to a 48 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 864 tCO<sub>2</sub>e, equivalent to a 30 per cent reduction. Scope two emissions from purchased electricity have fallen by 79 per cent – equivalent to a reduction of 1,257 tCO<sub>2</sub>e. Scope three emissions from business mileage, contractor energy and fuel use, well to tank (WTT) processes and transmission and distribution losses have decreased by 572 tCO<sub>2</sub>e, equal to a reduction of 49 per cent.

**Table One: Vale of White Horse District Council greenhouse gas emissions 2009/10 – 2023/24<sup>123</sup>**

Scope	tCO <sub>2</sub> e															Change since 2009/10	% change since 2009/10
	Baseline 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		
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	-864	-30%
Scope two	1,583	1,426	1,320	1,250	1,146	1,047	991	929	775	680	462	247	324	354	327	-1,257	-79%
Scope three	1,168	1,043	951	930	973	951	915	851	848	837	731	574	651	615	595	-572	-49%
Gross emissions	<b>5,588</b>	<b>5,311</b>	<b>4,900</b>	<b>4,816</b>	<b>4,682</b>	<b>4,646</b>	<b>4,585</b>	<b>4,134</b>	<b>3,932</b>	<b>3,898</b>	<b>3,502</b>	<b>2,641</b>	<b>3,174</b>	<b>2,963</b>	<b>2,895</b>	<b>-2,693</b>	<b>-48%</b>
Carbon offsets	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		
Net Total Emissions	<b>5,588</b>	<b>5,311</b>	<b>4,900</b>	<b>4,816</b>	<b>4,682</b>	<b>4,646</b>	<b>4,585</b>	<b>4,134</b>	<b>3,932</b>	<b>3,898</b>	<b>3,502</b>	<b>2,641</b>	<b>3,174</b>	<b>2,963</b>	<b>2,895</b>	<b>-2,693</b>	<b>-48%</b>

Since 2019/20, the baseline year for Vale of White Horse's Climate Emergency targets, gross emissions have fallen by 607 tCO<sub>2</sub>e – equivalent to a 17 per cent reduction. Scope one emissions have decreased by 336 tCO<sub>2</sub>e, a 15 per cent reduction. Scope two emissions have fallen by 135 tCO<sub>2</sub>e, equivalent to a 29 per cent reduction. Scope three emissions have decreased by 136 tCO<sub>2</sub>e, equal to a reduction of 19 per cent.

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

<sup>2</sup> 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 nor to republish the Climate Action Plan.

<sup>3</sup> Please note that there has been a change in the figures for 2022/23. This was the result of an inconsistency in the external data collection process for electricity usage during Q3 at one of our leisure centres.

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 – 2023/24<sup>45678</sup>**

		tCO <sub>2</sub> e															Change since 2009/10	% Change since 2009/10	
Scope	Source	Baseline 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			
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	-766	-50%	
	Oil Consumption	31	30	31	52	52	25	32	93	0	59	83	0	0	17	12	-19	-60%	
	Facilities Fleet							3	1	0	1	2	3	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	-85	-7%	
	Grounds Maintenance												19	81	65	55			
	Technical Services												1	1	2	1			
	Environmental Health	9	4	3	3	3	4	2	4	5	5								
	DSO Fleet	44	4																
<b>Total scope one</b>	<b>2,837</b>	<b>2,842</b>	<b>2,629</b>	<b>2,635</b>	<b>2,563</b>	<b>2,648</b>	<b>2,680</b>	<b>2,354</b>	<b>2,309</b>	<b>2,380</b>	<b>2,309</b>	<b>1,820</b>	<b>2,199</b>	<b>1,994</b>	<b>1,973</b>	<b>-864</b>	<b>-30%</b>		
Two	Purchased electricity	1,583	1,426	1,320	1,250	1,146	1,047	991	929	775	680	462	247	324	354	327	-1,257	-79%	
	<b>Total scope two</b>	<b>1,583</b>	<b>1,426</b>	<b>1,320</b>	<b>1,250</b>	<b>1,146</b>	<b>1,047</b>	<b>991</b>	<b>929</b>	<b>775</b>	<b>680</b>	<b>462</b>	<b>247</b>	<b>324</b>	<b>354</b>	<b>327</b>	<b>-1,257</b>	<b>-79%</b>	
Three	WTT Gas	150	160	146	158	210	195	202	164	178	190	163	83	171	125	126	-23	-16%	
	WTT Oil	6	6	6	11	11	5	6	17	0	13	19	0	0	4	3	-3	-51%	
	WTT Facilities Fleet							0.6	0.2	0.0	2.9	0.6	0.7	0.5	0.5	0.4			
	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	23	9%	
	WTT Grounds Maintenance												5	20	16	13			
	WTT Technical Services												0.3	0.3	0.5	0.3			
	WTT Environmental Health	2	1	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	20	-97	-83%
	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			
	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	79	-152	-66%
	T&D losses electricity	125	115	113	99	98	92	82	84	73	64	39	21	29	32	28	28	-97	-77%
<b>Total scope three</b>	<b>1,168</b>	<b>1,043</b>	<b>951</b>	<b>930</b>	<b>973</b>	<b>951</b>	<b>915</b>	<b>851</b>	<b>848</b>	<b>837</b>	<b>731</b>	<b>574</b>	<b>651</b>	<b>615</b>	<b>595</b>	<b>-572</b>	<b>-49%</b>		
<b>Total emissions</b>	<b>5,588</b>	<b>5,311</b>	<b>4,900</b>	<b>4,816</b>	<b>4,682</b>	<b>4,646</b>	<b>4,585</b>	<b>4,134</b>	<b>3,932</b>	<b>3,898</b>	<b>3,502</b>	<b>2,641</b>	<b>3,174</b>	<b>2,963</b>	<b>2,895</b>	<b>-2,693</b>	<b>-48%</b>		

<sup>4</sup> As a result of rounding, the totals presented may be slightly different to the sum of the individual values.

<sup>5</sup> 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 nor to republish the Climate Action Plan.

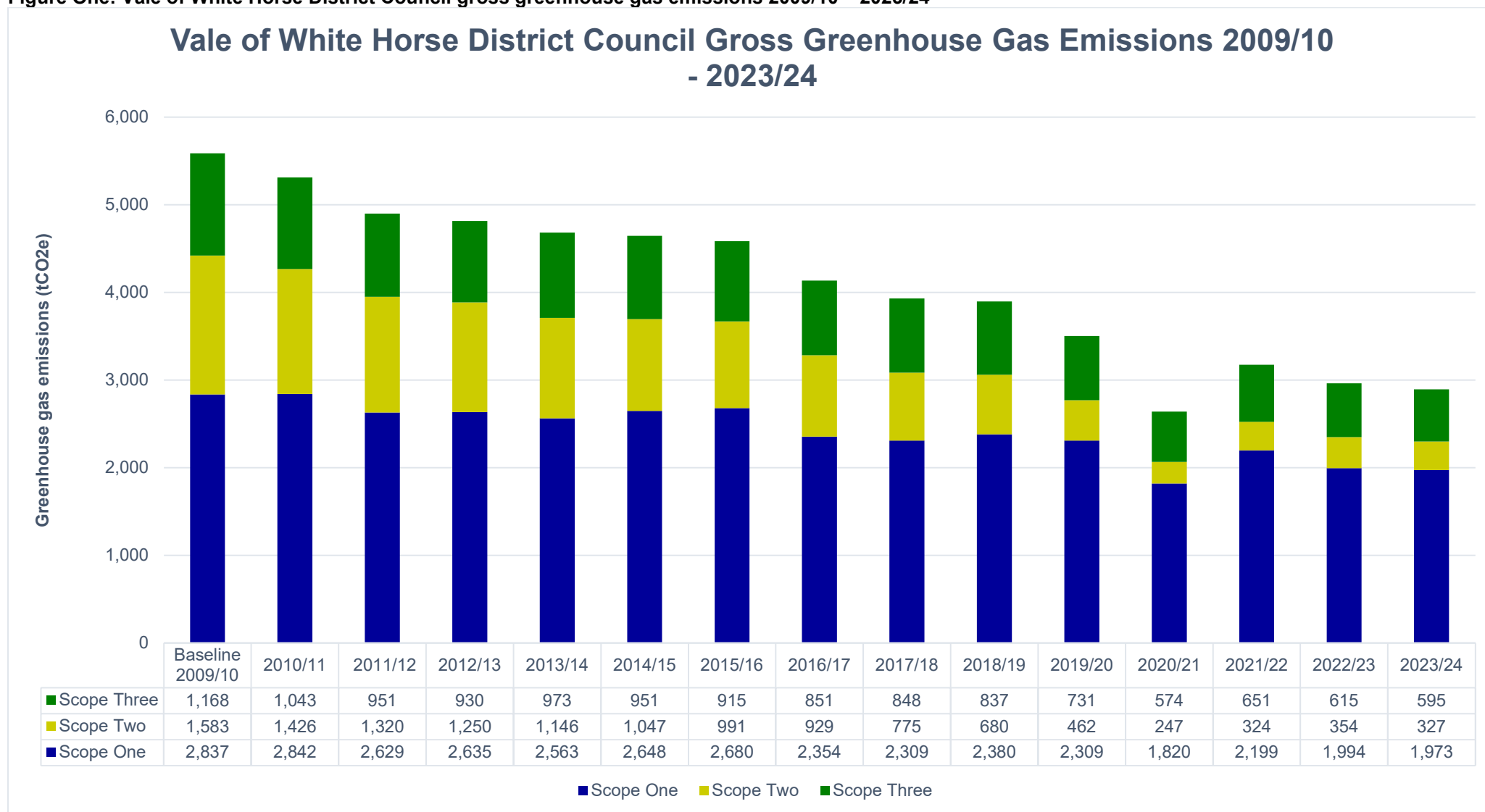
<sup>6</sup> WTT refers to emissions associated with the extraction, refining and transportation of raw fuels before their combustion.

<sup>7</sup> T&D losses refers to the emissions associated with the electricity lost in transmission and distribution.

<sup>8</sup> Please note that there has been a change in the figures for 2022/23. This was the result of an inconsistency in the external data collection process during Q3 for electricity usage at one of our leisure centres.

Figure one shows gross greenhouse gas emissions from council operations between 2009/10 and 2023/24 across each scope.

Figure One: Vale of White Horse District Council gross greenhouse gas emissions 2009/10 – 2023/24<sup>9</sup>



<sup>9</sup> Please note that there has been a change in the figures for 2022/23. This was the result of an inconsistency in the external data collection process for electricity usage during Q3 at one of our leisure centres.

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

**Table Three: 2023/24 CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O emissions<sup>10</sup>**

Scope	2022/23		
	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
Scope one	1955.3	1.3	16.1
Scope two	323.2	1.4	1.9
Scope three	82.3	0.3	0.5
<b>Total</b>	<b>2360.7</b>	<b>3.0</b>	<b>18.5</b>

## 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 Committee recommended that Vale of White Horse should:

- reduce council carbon emissions by 75 per cent by 2025 and become a carbon neutral local authority by 2030.
- reduce district carbon emissions by 75 per cent by 2030 with an ambition to become carbon neutral by 2045.

These targets were endorsed by the Cabinet on 6 December 2019.

Tackling the Climate Emergency is also one of the key themes of the Vale’s Corporate Plan 2020-24. As part of the council’s activities in this area, it has developed a Climate Action Plan (CAP) which outlines the steps that will be taken to achieve its aim of becoming carbon neutral within its own operations by 2030. The CAP was adopted by the Cabinet on 4 February 2022.

The proportion of the waste contractor’s emissions attributed to Vale of White Horse in 2023/24 was 48.9 per cent of the total emissions (a slight 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.

While 2023/24 saw a decrease in the overall fuel use of Vale’s waste fleet, it remains significantly above the figures for 2019/20 (453,118 litres compared to 374,048 litres). This higher level of fuel usage has been driven by a combination of factors including continued growth in the number of properties being serviced, an increase in garden waste customers and an additional round being introduced for garden waste.

In 2023/24 we installed a pool cover at the Abbey Meadows outdoor pool. We also installed new energy efficient lighting at Faringdon Leisure Centre squash courts, and Wantage Leisure Centre. The White Horse Leisure and Tennis Centre pool hall benefited from destratification fans. After a review of industry standards, we reduced the pool circulation pump speeds at Faringdon and White Horse Leisure Centres.

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

During Q4 2023/24, the Vale completed the refurbishment of public conveniences at Portway, Wantage. In addition to energy saving measures, the refurbished amenities benefit from solar panels and rainwater harvesting. The solar panels will provide electricity for toilet operation with any excess energy being exported to the grid. We will include data on solar energy generated in future reports.

In order to give a more accurate indication of the greenhouse gas emissions generated, and to better 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 has increased by 7.1 per cent in the last year (due to a rise in natural gas use in electricity generation and a decrease in renewable generation). This has impacted on the scope two emissions reported by the council. The carbon factor for electricity has, however, still 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 emission 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	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
Fuel used in waste collection vehicle fleet		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
			Fugitive emissions

## 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 2023/24 have been reported in line with the guidance published in June 2013<sup>11</sup> and calculated using the 2023 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.

## Carbon offsetting

### Tree Planting on council owned land

The council and community groups have planted trees on land owned by Vale of White Horse.

### Green tariff

The council purchases electricity from a 100 per cent renewable energy tariff however this is not 'additional' and is already taken account of in the carbon factor for electricity.

### Carbon offsets - renewable technologies

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.

<sup>11</sup> <https://www.gov.uk/guidance/measuring-and-reporting-environmental-impacts-guidance-for-businesses>

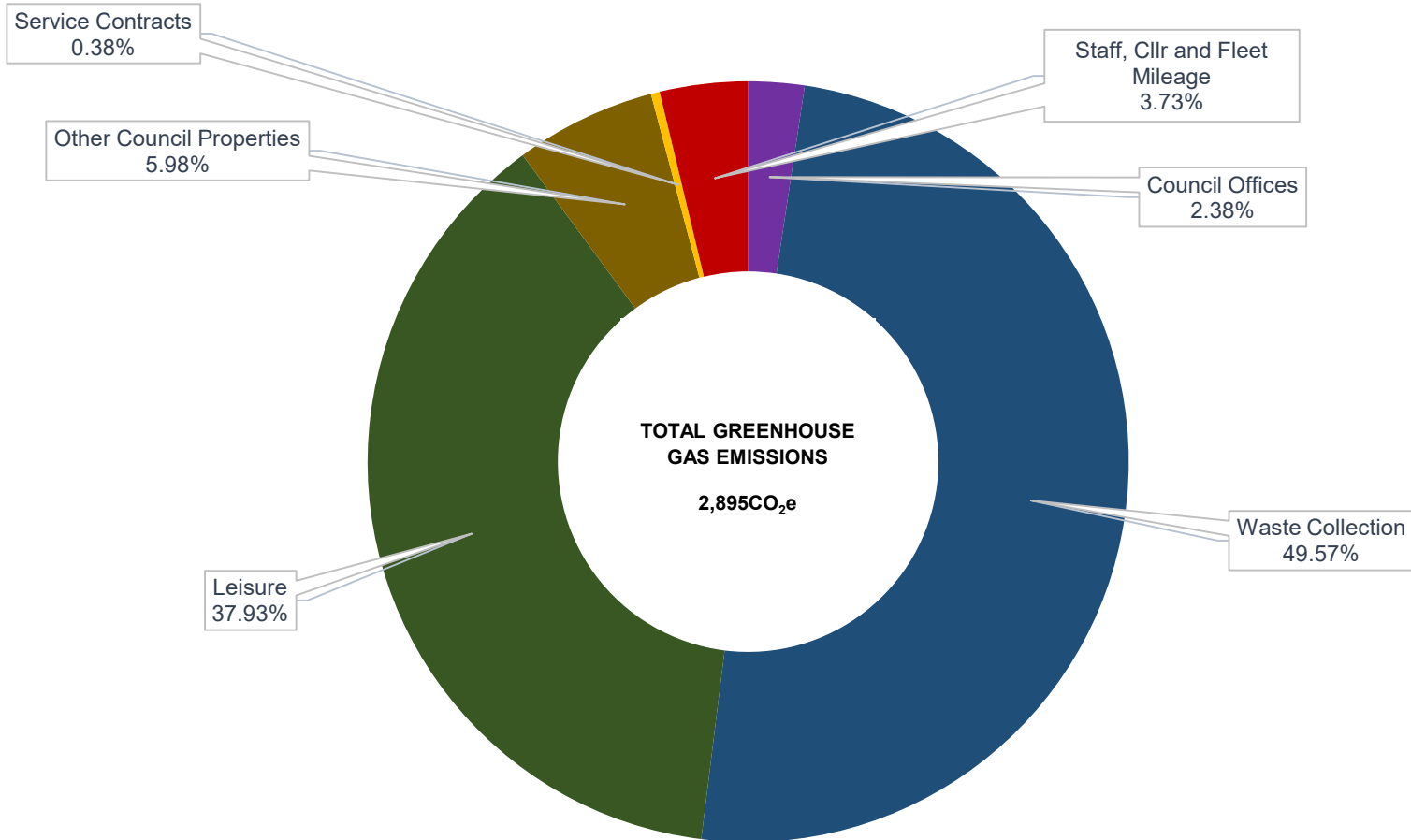


## Appendix One – Vale of White Horse Greenhouse Gas Emissions (kgCO2e) by source 2023/24<sup>12</sup>

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO2e)	Conversion to tCO2e
		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 Mileage	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		
<b>Grand Total</b>									<b>2,894,574</b>	<b>2,895</b>	

<sup>12</sup> 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



■ Council Offices ■ Waste Collection ■ Leisure ■ Other Council Properties ■ Service Contracts ■ Staff and Cllr Mileage

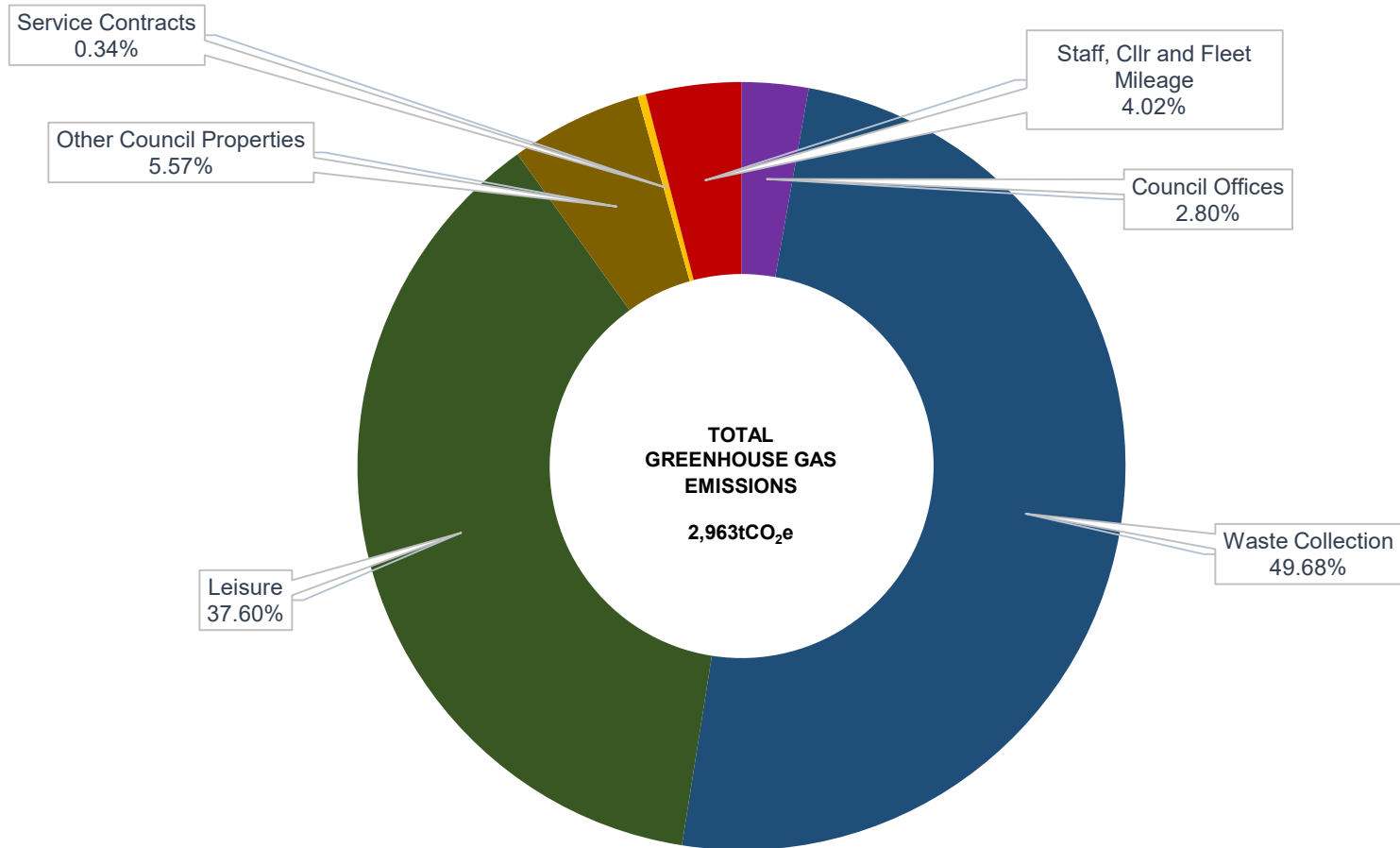
## Appendix Two – Vale of White Horse Greenhouse Gas Emissions (kgCO<sub>2</sub>e) by source 2022/23<sup>1314</sup>

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO <sub>2</sub> e)	Conversion to tCO <sub>2</sub> 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 Mileage	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		
<b>Grand Total</b>									<b>2,963,389</b>	<b>2,963</b>	

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

<sup>14</sup> Please note that there has been a change in the figures for 2022/23. This was the result of an inconsistency in the external data collection process for electricity usage during Q3 at one of our leisure centres.

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



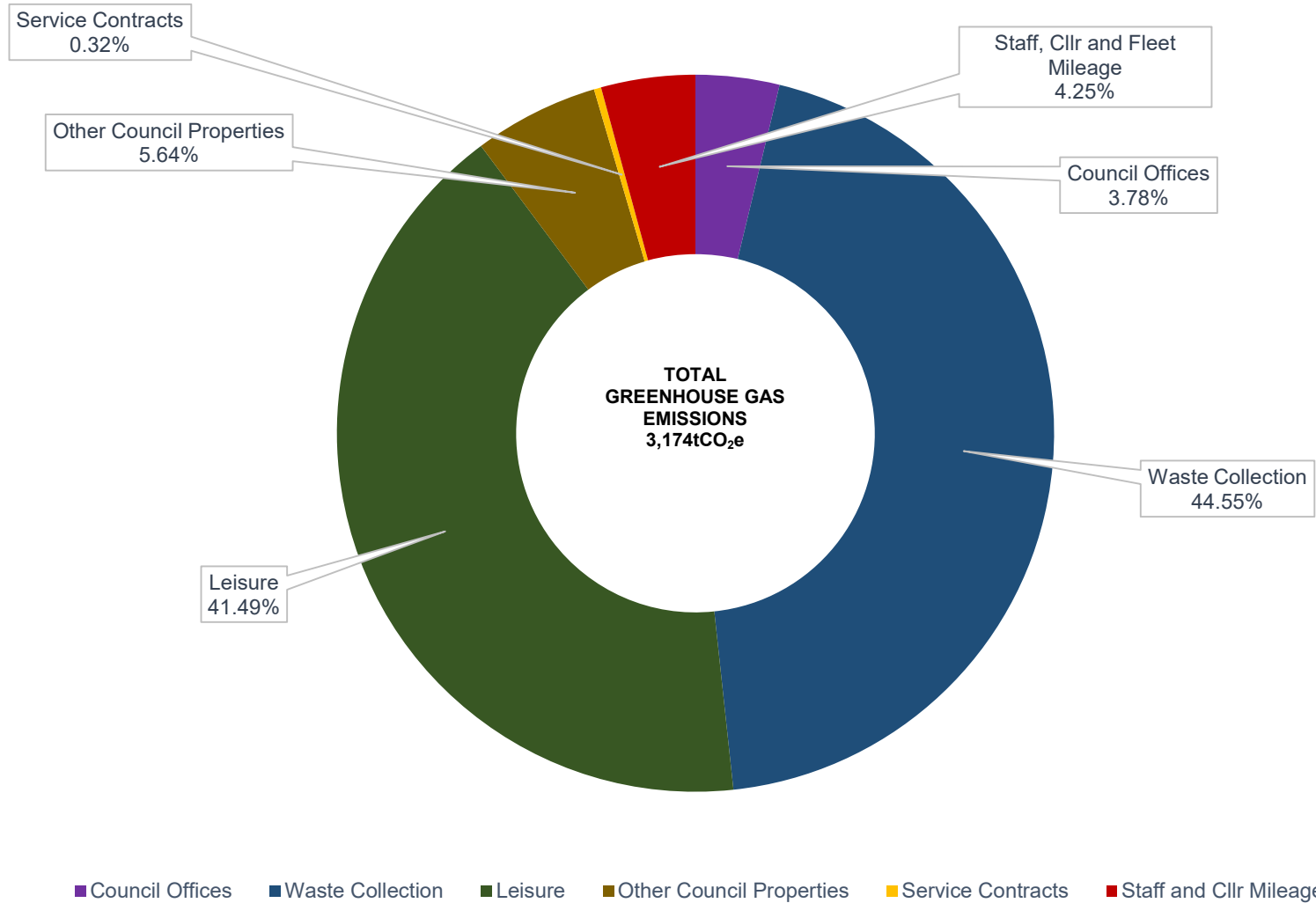
■ Council Offices   ■ Waste Collection   ■ Leisure   ■ Other Council Properties   ■ Service Contracts   ■ Staff and Cllr Mileage

## Appendix Three – Vale of White Horse Greenhouse Gas Emissions (kgCO<sub>2</sub>e) by source 2021/22<sup>15</sup>

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO <sub>2</sub> e)	Conversion to tCO <sub>2</sub> 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		
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 Mileage	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		
<b>Grand Total</b>									<b>3,174,043</b>	<b>3,174</b>	

<sup>15</sup> 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

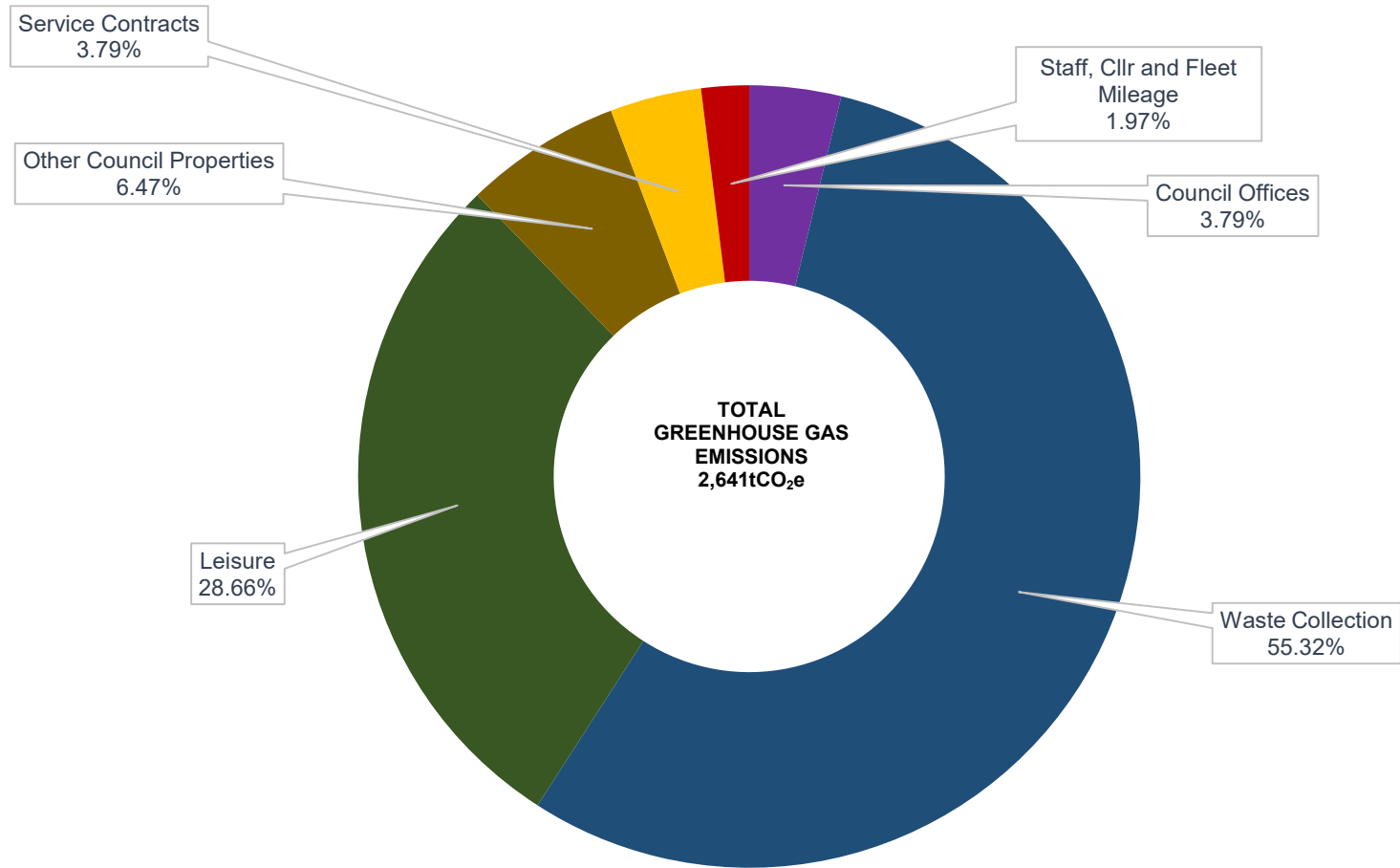


## Appendix Four – Vale of White Horse Greenhouse Gas Emissions (kgCO<sub>2</sub>e) by source 2020/21<sup>16</sup>

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO <sub>2</sub> e)	Conversion to tCO <sub>2</sub> 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 Mileage	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		
<b>Grand Total</b>									<b>2,640,974</b>	<b>2,641</b>	

<sup>16</sup> 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 and Cllr Mileage

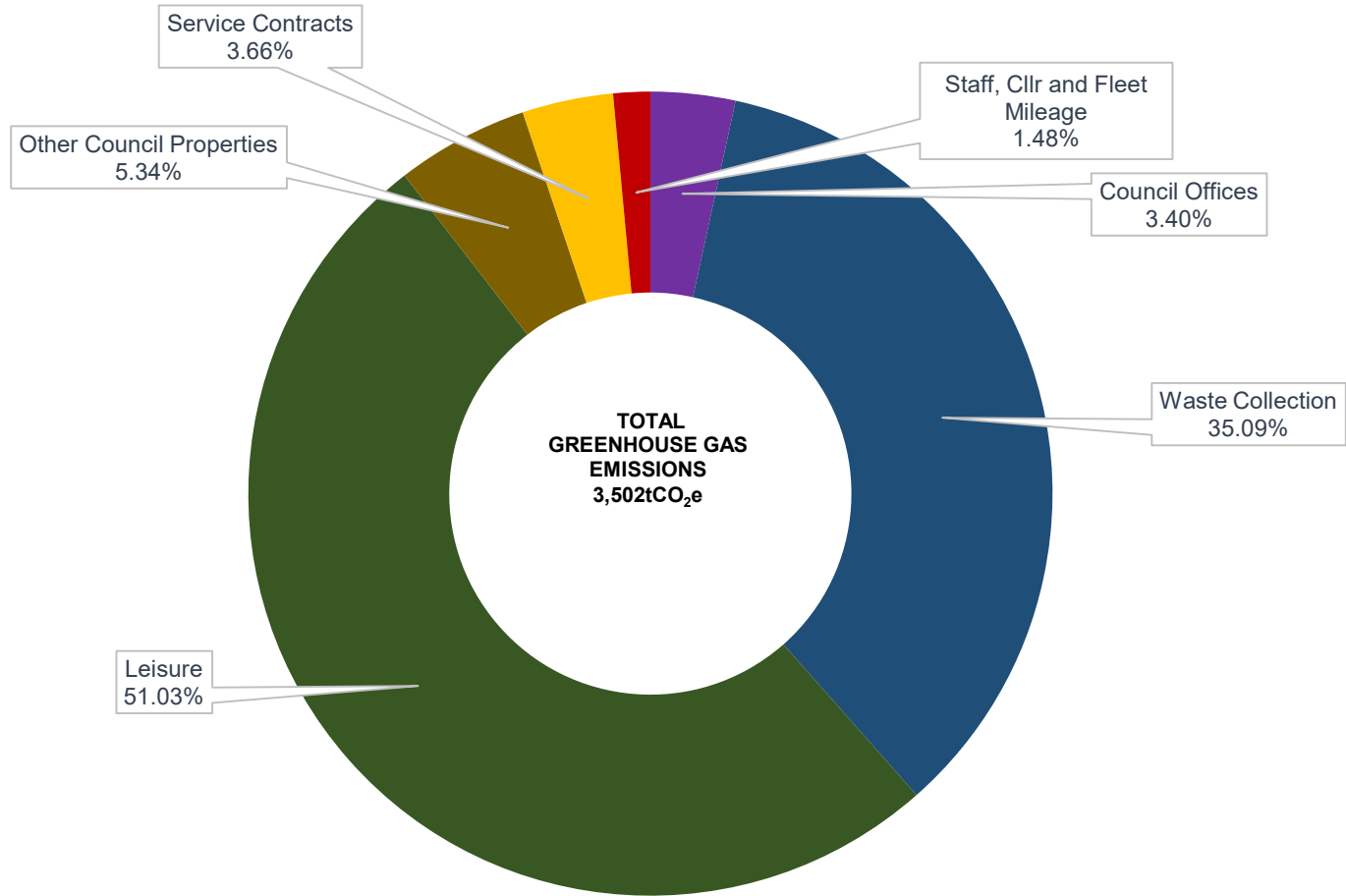


## Appendix Five – Vale of White Horse Greenhouse Gas Emissions (kgCO<sub>2</sub>e) by source 2019/20<sup>17</sup>

		Scope One	Scope Two	Scope Three							
				Electricity							
				WTT: Generation	WTT: T&D	T&D Losses	Indirect Emissions	WTT	Total	Total GHG (kgCO <sub>2</sub> e)	Conversion to tCO <sub>2</sub> 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 Mileage	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		
<b>Grand Total</b>									<b>3,501,997</b>	<b>3,502</b>	

<sup>17</sup> 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



■ Council Offices ■ Waste Collection ■ Leisure ■ Other Council Properties ■ Service Contracts ■ Staff and Cllr Mileage