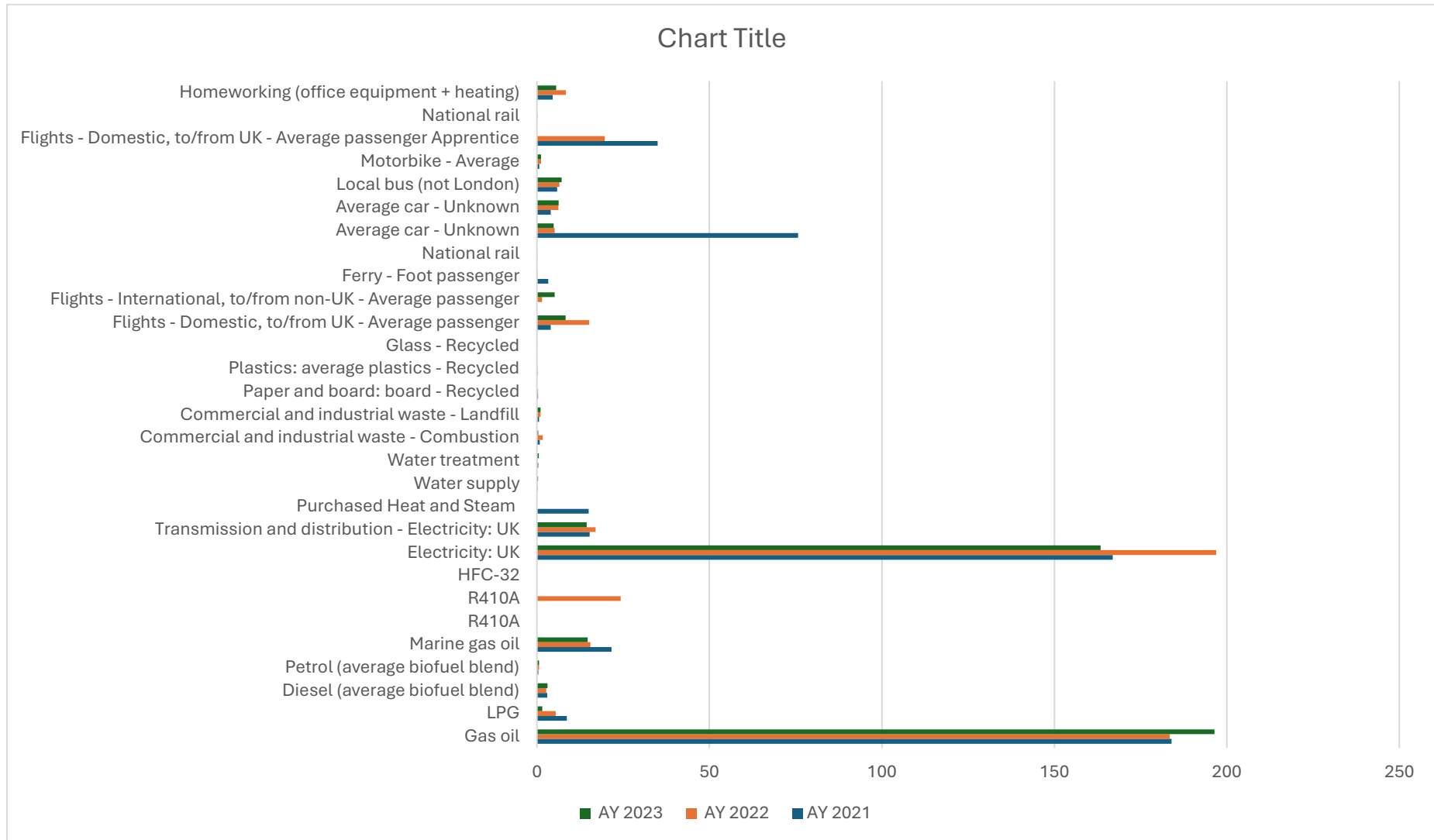


UHI Shetland Race to Zero Annual Results Report 2024.

Comparative Figures of PDCCD Reported tCO2e for Academic Years 2021/22, 2022/23 and 2023/24.

		AY 2021	AY 2022	AY 2023
Fuels	Gas oil	184	183.45	196.46
Fuels	LPG	8.7	5.41	1.56
Fuels	Diesel (average biofuel blend)	3	2.73	3.08
Fuels	Petrol (average biofuel blend)	0.4	0.64	0.60
Fuels	Marine gas oil	21.6	15.49	14.70
Refrigerants	R410A	0	-	-
Refrigerants	R410A	0	24.28	-
Refrigerants	HFC-32	0	-	-
Electricity	Electricity: UK	166.9	196.94	163.39
Electricity	Transmission and distribution - Electricity: UK	15.3	17.04	14.44
Heat and Steam	Purchased Heat and Steam	15	-	-
Water	Water supply	0.2	0.11	0.32
Water	Water treatment	0.4	0.21	0.57
Waste	Commercial and industrial waste - Combustion	0.8	1.72	0.43
Waste	Commercial and industrial waste - Landfill	0.6	1.04	1.04
Waste	Paper and board: board - Recycled	0.3	0.32	0.02
Waste	Plastics: average plastics - Recycled	0.2	0.19	0.06
Waste	Glass - Recycled	0	0.11	0.03
Transport - public	Flights - Domestic, to/from UK - Average passenger	4	15.12	8.29
Transport - public	Flights - International, to/from non-UK - Average passenger	0	1.50	5.17
Transport - public	Ferry - Foot passenger	3.3	0.20	0.11
Transport - public	National rail	0.1	0.14	-
Transport - car	Average car - Unknown	75.7	5.18	4.87
Transport - car	Average car - Unknown	4	6.26	6.27
Transport - public	Local bus (not London)	5.9	6.52	7.17
Transport - car	Motorbike - Average	0.7	1.18	1.18
Transport - public	Flights - Domestic, to/from UK - Average passenger Apprentice	35	19.69	-
Transport - public	National rail	0	0.20	-
Homeworking	Homeworking (office equipment + heating)	4.6	8.42	5.57
	Total for year	550.7	514.10	435.30

This report compares the data from our annual statutory PDCCD reports from AY 2021/22, UHI Shetland's inauguration year, through to its AY 2023/24 PDCCD.



This short report will be reviewed annually. Each year the results will be compared to show how effective our Race to Zero actions are.

As you can see from the data, our emissions are going down overall. We have reduced our emissions by 115.4 tCO₂e since 2021.

The reductions can be explained as follows:

- We have stopped booking apprentice travel and this is now the responsibility of their companies. The travel is still happening but is work related and will in the future be accounted for by companies. We still account for our own student travel.
- We closed the Lerwick campus for six weeks during summer and didn't put the air conditioning HVAC back on immediately after reopening.
- We have reduced our staff headcount.
- We don't have the Train Shetland building anymore so Heat and Steam are no longer being bought.
- We stopped using skips to remove general waste at the Lerwick campus.
- We are being much more frugal generally.

Improvements this year:

We are composting kitchen vegetable waste from our canteen.

Challenges that we need to consider:

- We are using more water due to our halls of residence being fully open. More people taking showers.
- We are doing more international business travel.
- The accuracy of our business travel reporting slipped in AY 2023/24.
- Homeworking has gone down, possibly due to overall staff reductions.

Plan for 2025

We will engage a company to do a feasibility study on how we can move to a single campus. This will have a long term positive impact on our emissions and help us to Race to Zero by allowing us to focus our energies and funds, on a single campus.

We will consider the challenges listed above and improve where we can. This will include bringing in a new Travel Form which automatically collects the data required for PDCCD reporting.