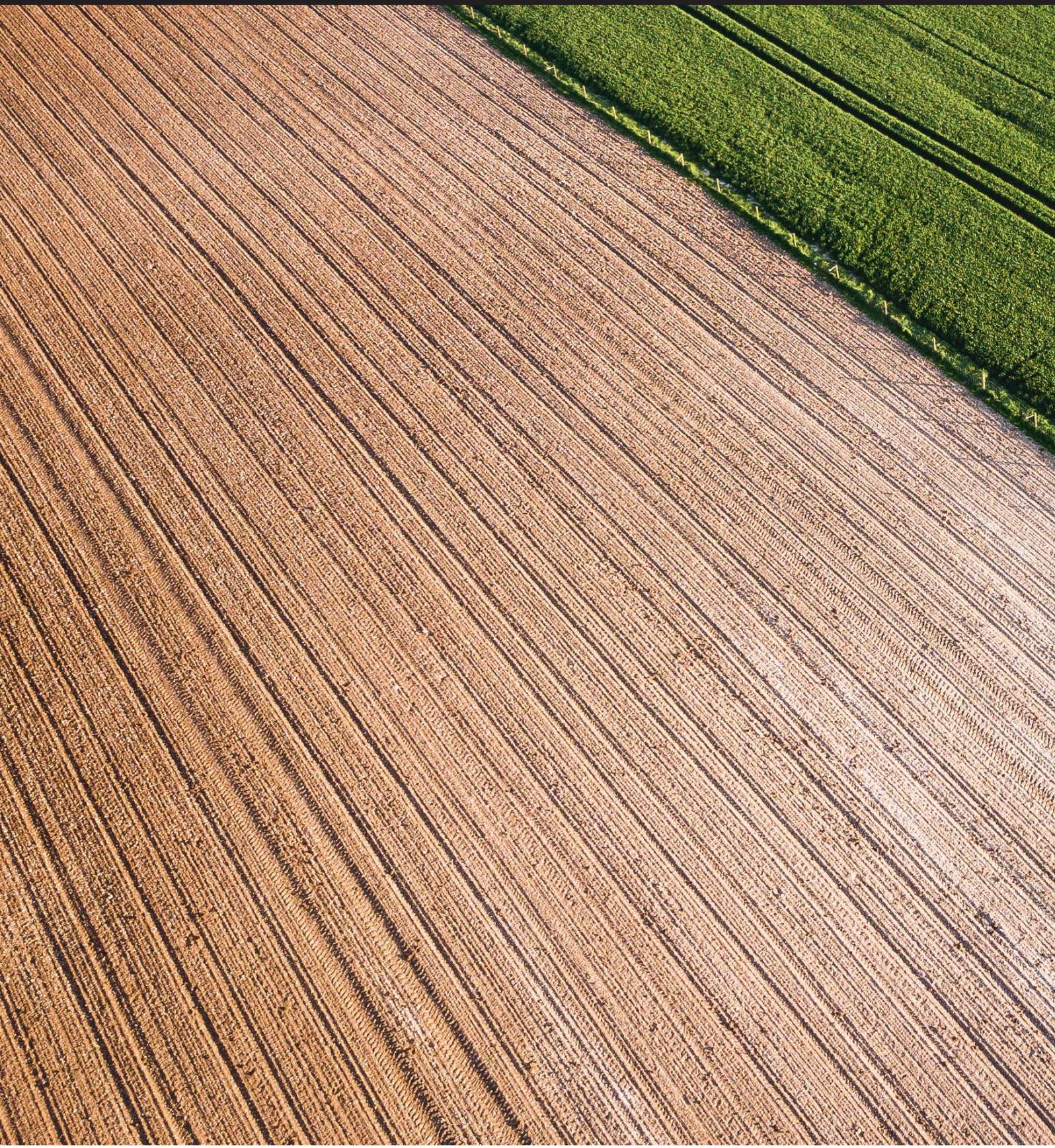


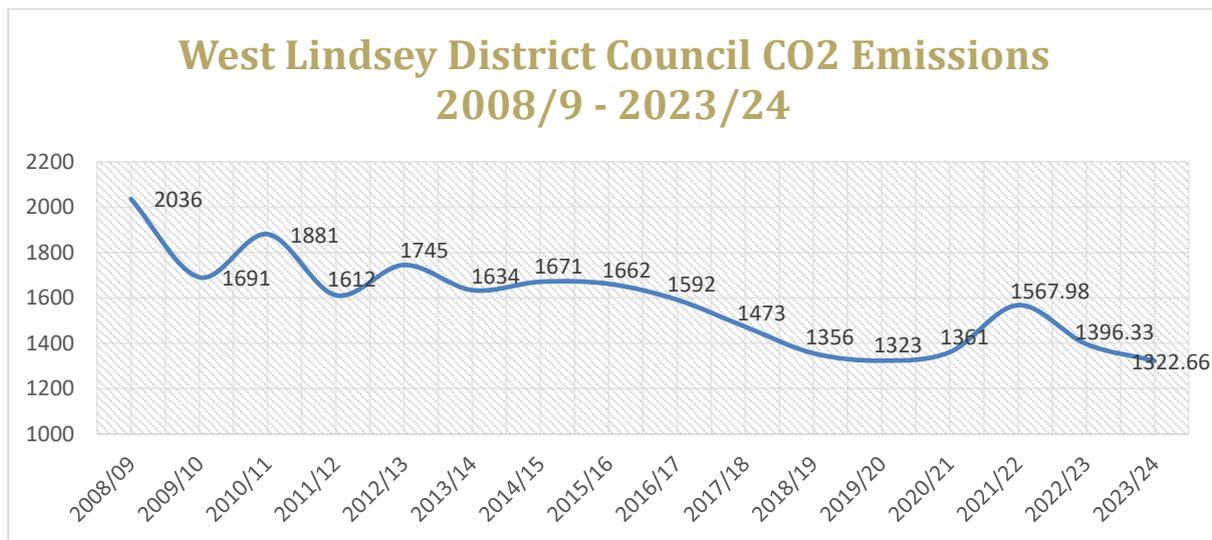
Greenhouse Gas (GHG) Emissions Report 2023/2024



Overview

As in previous years this emissions report is a smaller, more concise version which will be published. This report will be broken down into 2 main areas being Buildings and Vehicles, these will then be broken down into 3 subcategories with some commentary to accompany the figures.

This year we have seen our CO₂e emissions decreased by 73.67T.



This years figure is 1322.66.77T and is another decrease from last year's 1396.33T emissions, there has been a mix on decreases and increases this year but an overall decrease on emissions.

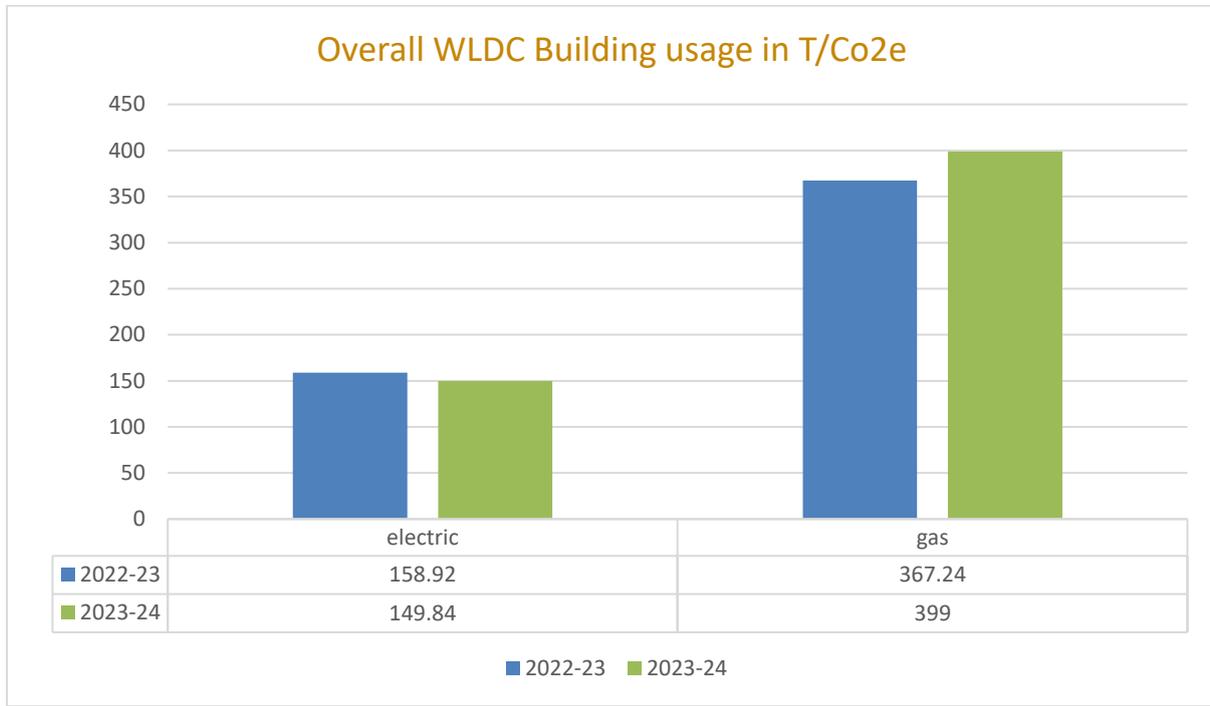
Caenby Depot has had a decrease of 9% from last year's fuel usage giving the depot fuel usage an overall decrease of 27,840.54 Litres, a part reason for this decrease may be due to the uptake of Electric Vehicles used by the depot managers. Following the trend of decreasing figures, we have a drop in building electricity usage by 13.3% for a total decrease of 123,555.79 kWhs, which is due to a good maintenance program to ensure all plant items are working as efficiently as possible.

There has been an increase in building gas usage in our operational buildings which calculates to a 10.1% increase from last year with the overall increase being 212,149.42 kWhs used, I believe this is due to last years weather being colder all year round on average leading to heating systems/hot water systems needing to be on for longer and at higher temperatures.

There has also been a slight decrease of 8504 in the Street Lighting kWhs used however, due to a change in the conversion factor this years Co₂e Tonnage has slightly increased.

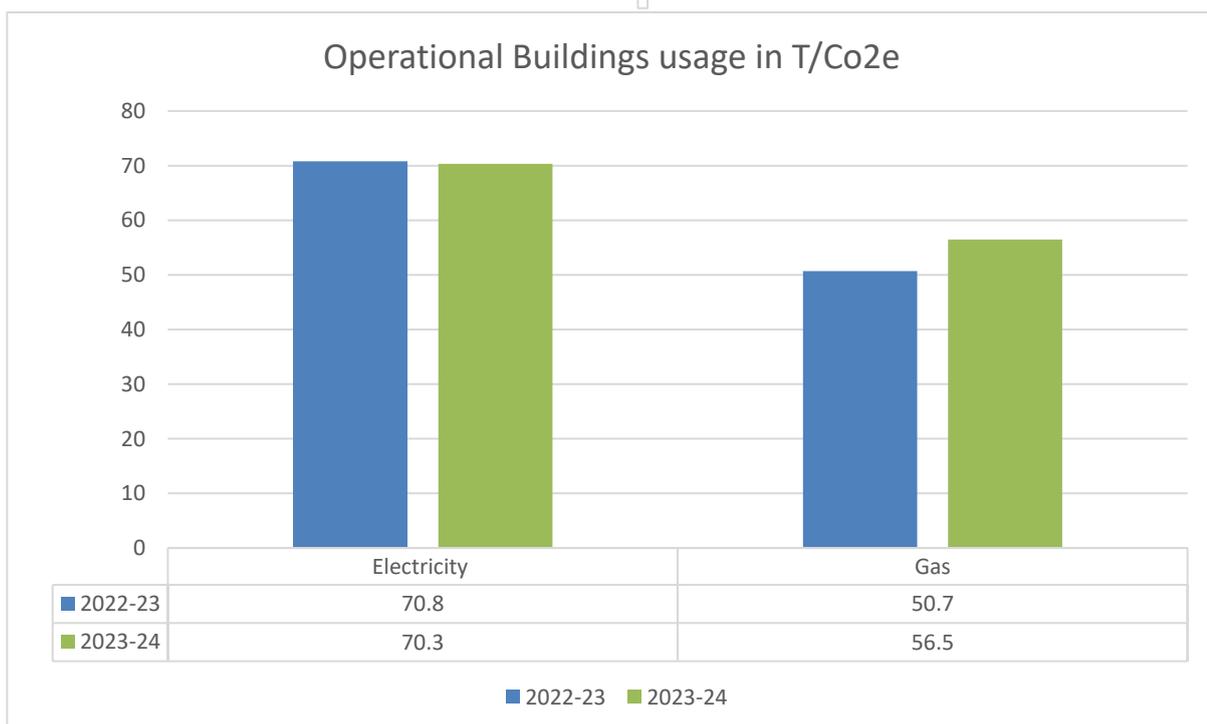
Buildings

Overall Building Usage



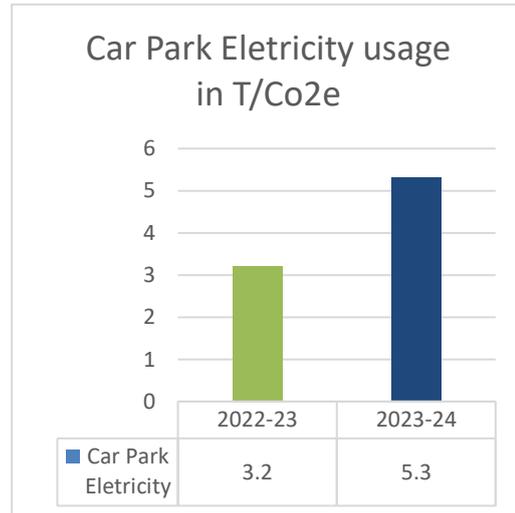
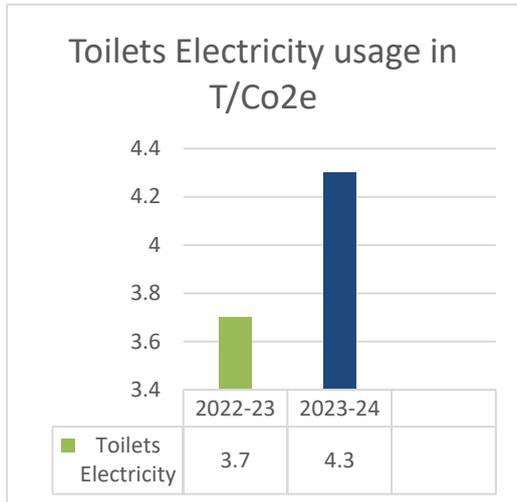
Year on year WLDC have seen a reduction in their overall carbon output across gas and electric, however as mentioned previously there has been an increase of gas usage across the board due to the reasons mentioned above.

Breakdown of operational buildings



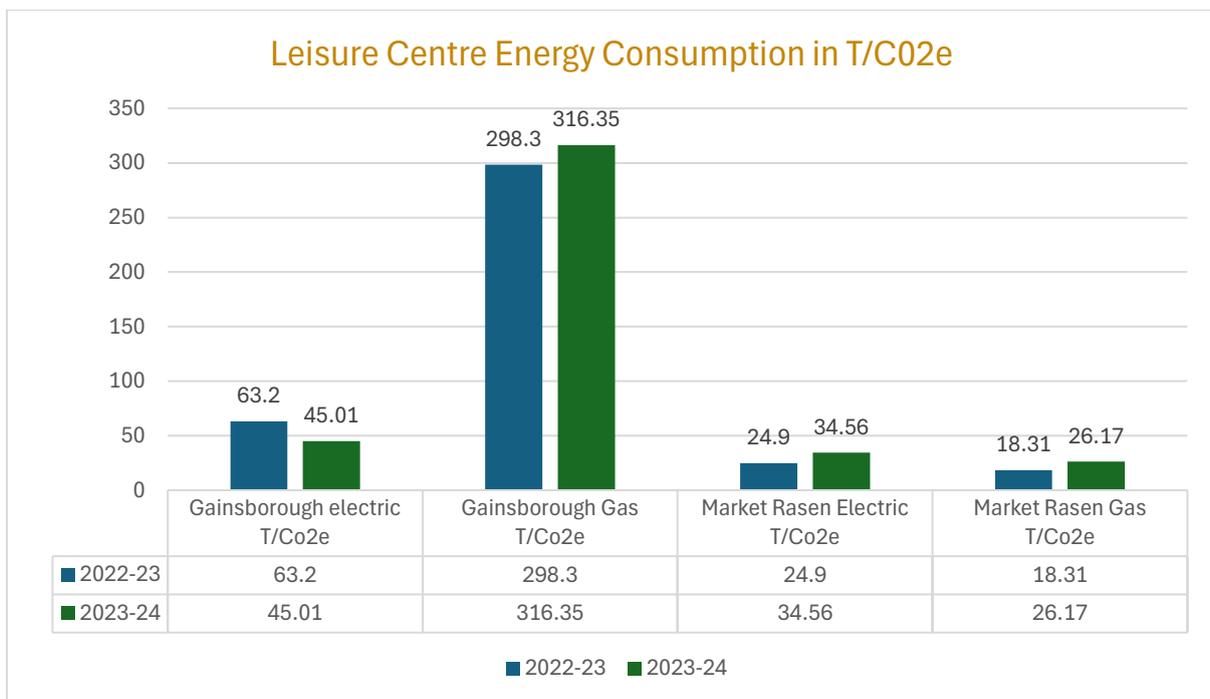
The above graph shows the operational buildings that West Lindsey District Council own and occupy. Overall, we have seen a decrease in carbon emissions by 0.5 tonnes for electric and an increase by 6.2 tonnes for gas.

Toilets and Carparks



Across our Toilets and car park lighting we have seen an increase of 2.7T/Co2e, the increase for our toilets will be due to an increase in usage and our car parks will again be due to extended darker periods last year due to weather.

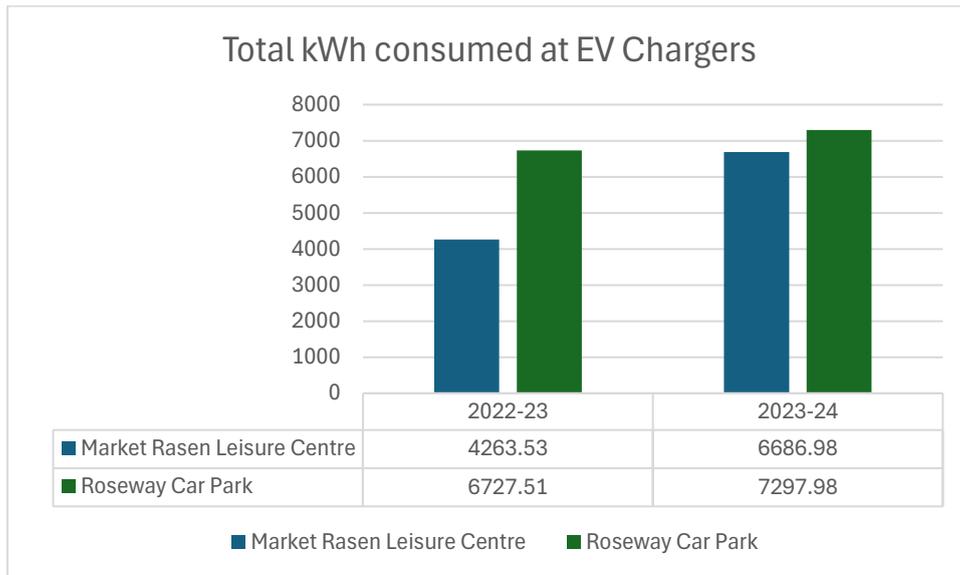
Leisure Centres



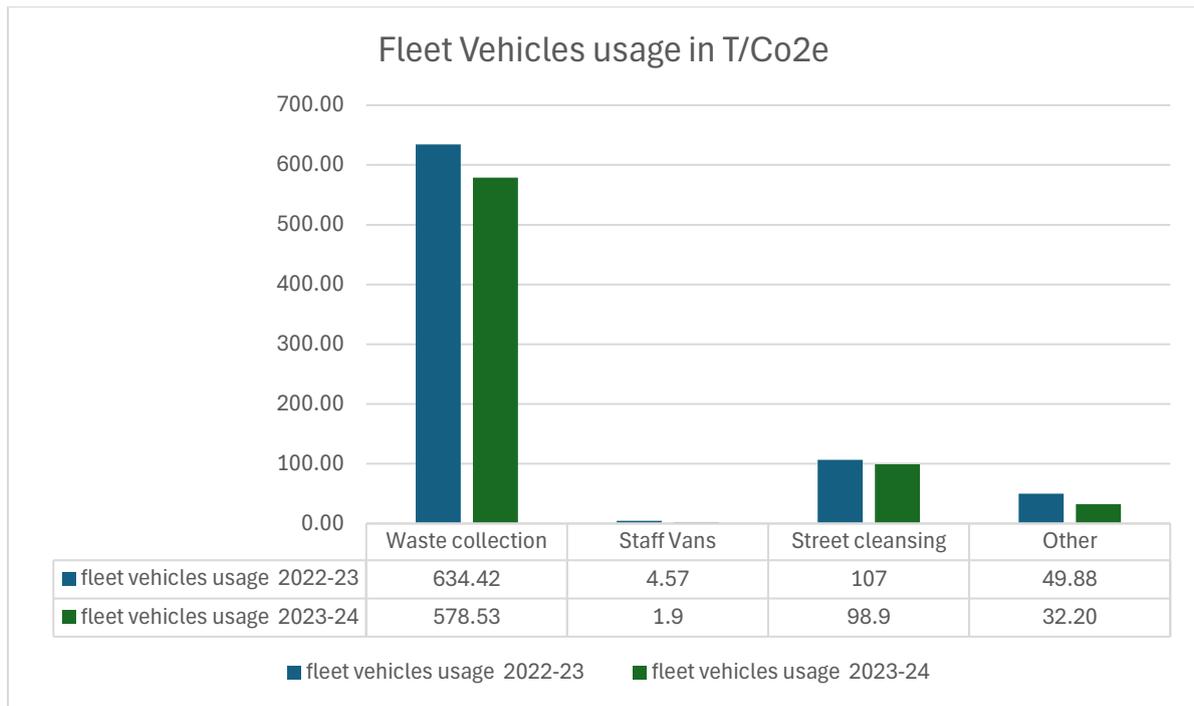
As you can see with regards to the leisure centre's usage there is an overall increase

in gas and electric. Gainsborough leisure centre has had a 28.8% decrease in electricity usage compared to the increase of 38% at the Market Rasen Leisure Centre, this increase will be due to the increased footfall at the building and increased uptake of EV charging. There has been an increase on overall gas usage but again this will be due to the colder months of last year. Planned for 2024/25 is an extended solar array for the Gainsborough Leisure Centre which should hopefully see reductions in Co2e.

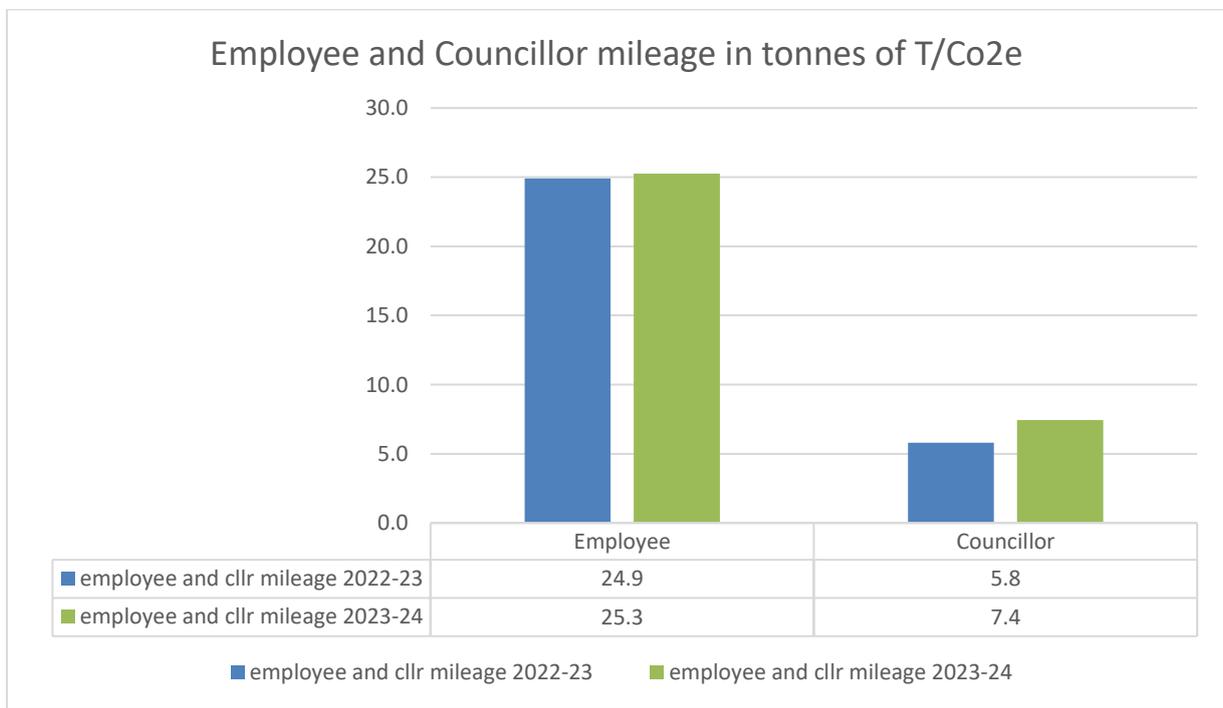
Vehicles



Across the district we have 2 sites that have public EV charging stations, one at Roseway carpark in Gainsborough and another in Market Rasen Leisure Centre. As can be seen in the figures above the demand for such facilities has grown again this year. Roseway usage has grown by 8.5% in the space of a year, Market Rasen has grown by a massive 61.5% in the same time frame.



The West Lindsey District Council fleet of waste collection vehicles has dropped across the board last year with every area of usage, decreasing by a total of 84.34 tonnes of Co2.



A slight increase in business mileage claim in 23/24 this is due to more outside of office business to attend to out of area and of course around the district as well.

Definitions

Co2e – Carbon Dioxide Equivalent

T - Tonnes

REGOs – Renewable Energy Guarantees of Origin

kWh – Kilowatt hours

EV – Electric Vehicle

Graph Breakdown

Operational Buildings:

The Guildhall, North Warren Road, Trinity Arts Centre, Lea Fields Crematorium,

Caenby Corner Operational Depot

Car parks and Toilets:

Caistor Toilets, John Street Toilets, Roseway Toilets, Bridge Street Car Park,

Roseway Carpark



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