



South Kesteven District
Council Carbon Emissions
Tracker

Commentary :

This dashboard provides an overview of South Kesteven District Council's carbon emissions for the period of April 2022 to March 2023, including the use of gas and electricity, emissions from the vehicle fleet and operation of leisure centres in the district. Greater understanding of carbon emission changes is essential to track progress towards the Council's carbon reduction target of at least 30% by 2030 and to net zero carbon as soon as viable before 2050.

The 2022/23 financial year saw a decrease in carbon emissions of 23.9%, or an overall reduction of 1817 tonnes of carbon compared to our baseline year of 2018/19. A significant contributor to this sharp reduction is due to reduced gas, electric and fuel oil consumption for the leisure centres through closure of the Deepings leisure centre, as well as slightly reduced consumption at the Stamford, Bourne and Grantham facilities. This contributed towards a reduction in carbon emissions from the leisure centres alone of over 41%.

Carbon emissions associated with electricity use in Council buildings also dropped significantly, due to a reduction in electricity used during the year as well as the ongoing national decarbonisation of the grid. A reduction is also reported for gas used in Council buildings due to decreased overall consumption. The relocation of the Council main offices at the beginning of 2023 to a significantly smaller and electrically heated facility have contributed to a slight reduction in both gas and electricity consumption.

The carbon emissions from the operation of the Council's vehicle fleet remains stubbornly high, demonstrating little change since 2018/19. Reporting includes a breakdown of Council department the vehicle is used within, with waste management and street cleansing responsible for the majority of fuel consumption. Business travel associated with staff and councillor travel in own vehicles has seen a reduction on the previous year.

While reductions reported from leisure centres in South Kesteven has provided a large contribution towards the Council's carbon reduction target of at least 30% by 2030, further opportunities need to be pursued to maintain a downward trajectory.

Data Quality Index :

Source	Frequency	Confidence
Electric	Quarterly	
Environment SK	Annual	
Fleet	Quarterly	
Gas	Quarterly	
Leisure Centres	Variable	
Member Travel	Monthly	
Refrigerants	Annual	
Solar	Annual	
Staff Travel	Quarterly	
Waste	Quarterly	
Water	Annual	

Confidence Description

	High level of confidence in the data supplied.
	Moderate Level of confidence in the data supplied. May include estimated or proxy data.
	Low level of confidence in the data supplied. Data may be incomplete or has not been effectively validated.

South Kesteven District Council Emissions 2022/2023



1849

Leased Asset CO₂e

-41.43%

Leased Asset change from 2018/19 Baseline



1941

Fleet CO₂e

1.19%

Fleet change from 2018/19 Baseline



1310

Gas CO₂e

-2.50%

Gas change from 2018/19 Baseline



602

Electric CO₂e

-43.80%

Electric change from 2018/19 Baseline

-23.90%

Difference From Baseline (%)

-1817

Difference From Baseline (Tonnes)

5,783

Total CO₂e Tonnes

6840

Target Emissions

70.23

Business Travel CO₂e

-29.06%

Business Travel change from 2018/19 Baseline

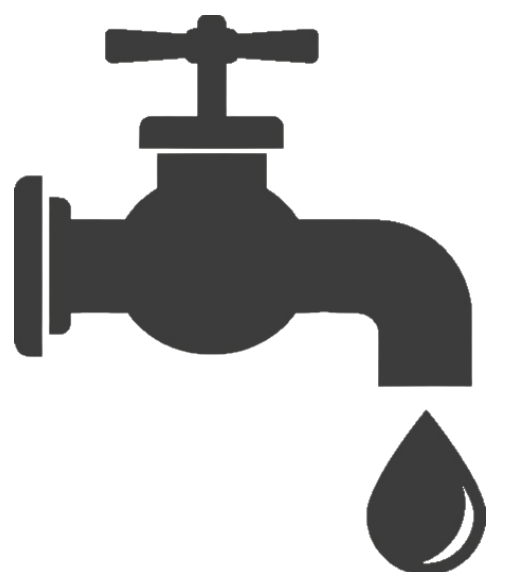


2.27

Water CO₂e

-54.51%

Water change from 2018/19 Baseline



3.03

Waste CO₂e

1.15%

Waste change from 2018/19 Baseline

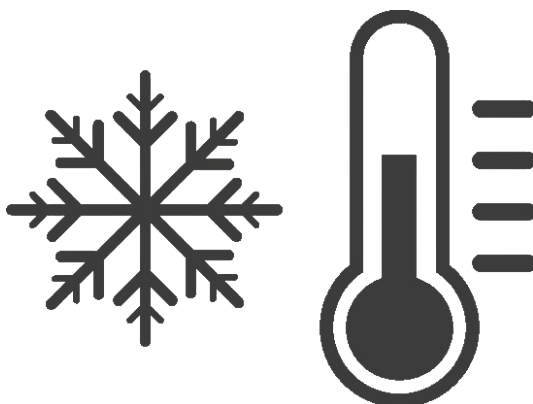


0.00

Refrigerants CO₂e

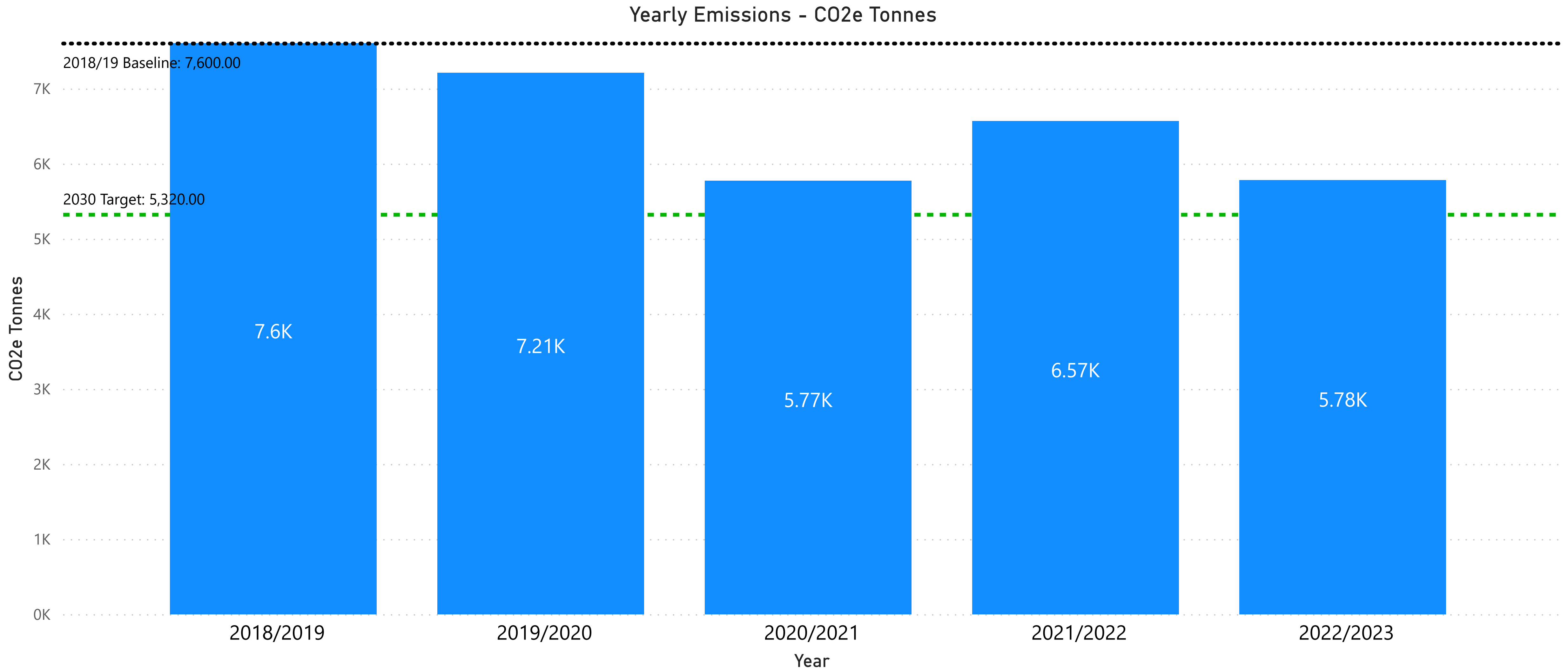
-100.00%

Refrigerants change from 2018/19 Baseline





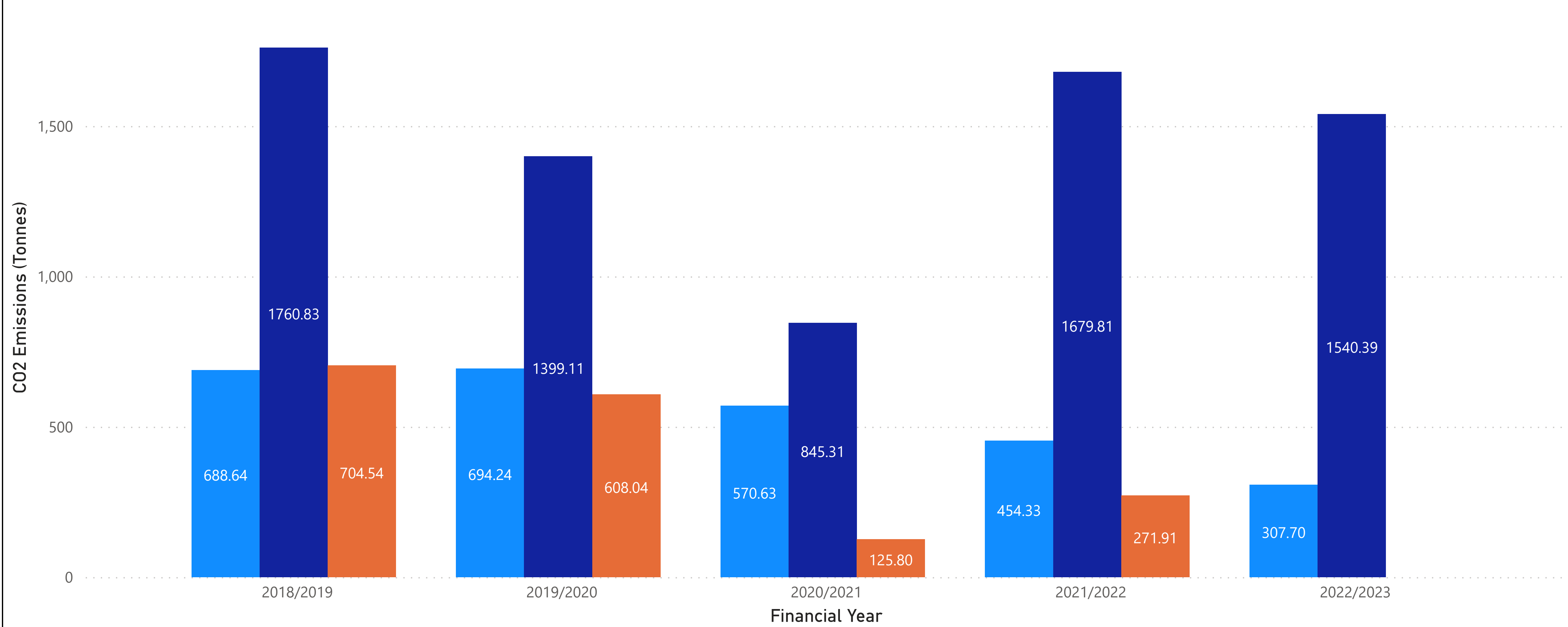
South Kesteven District Council Carbon Emissions Tracker - Annual Comparison





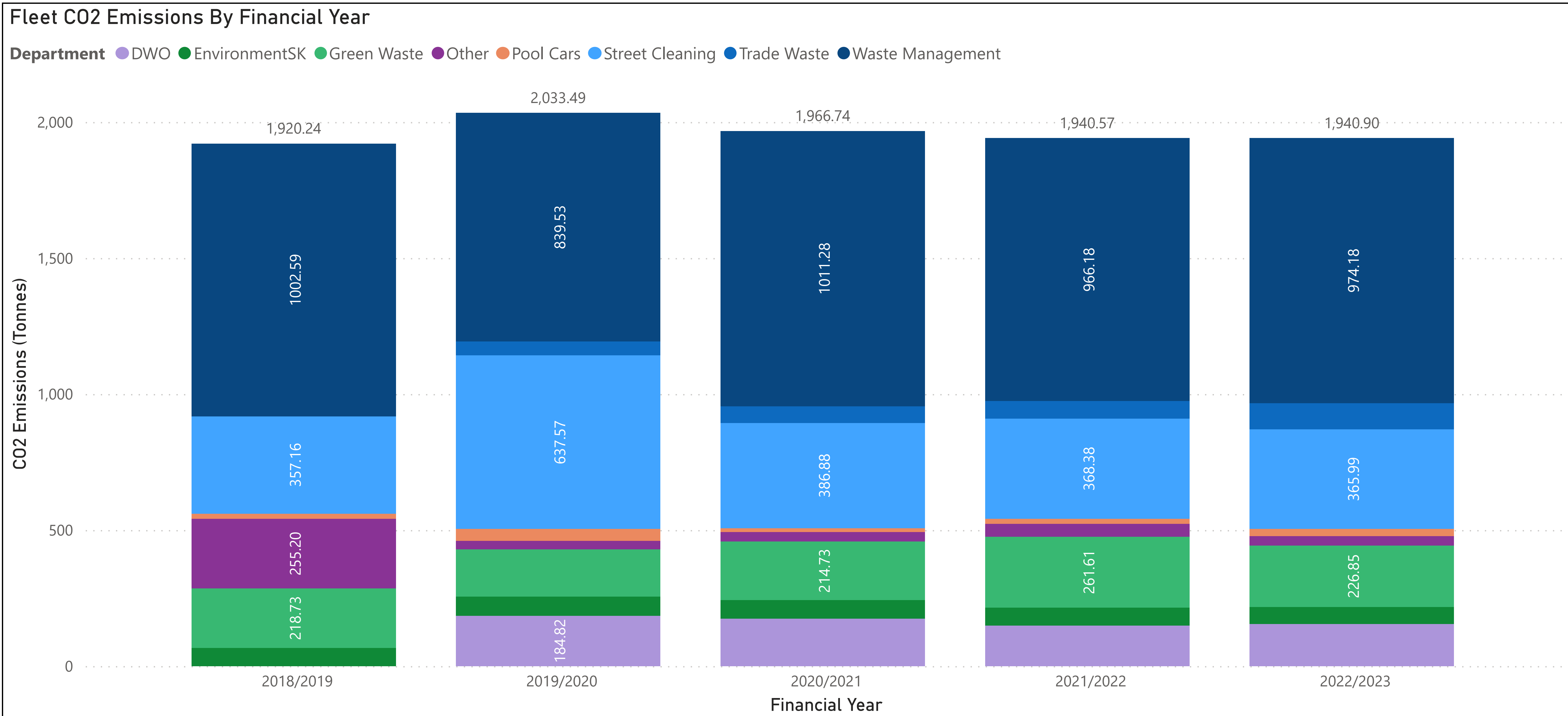
Leisure Centre CO2 Emissions By Financial Year

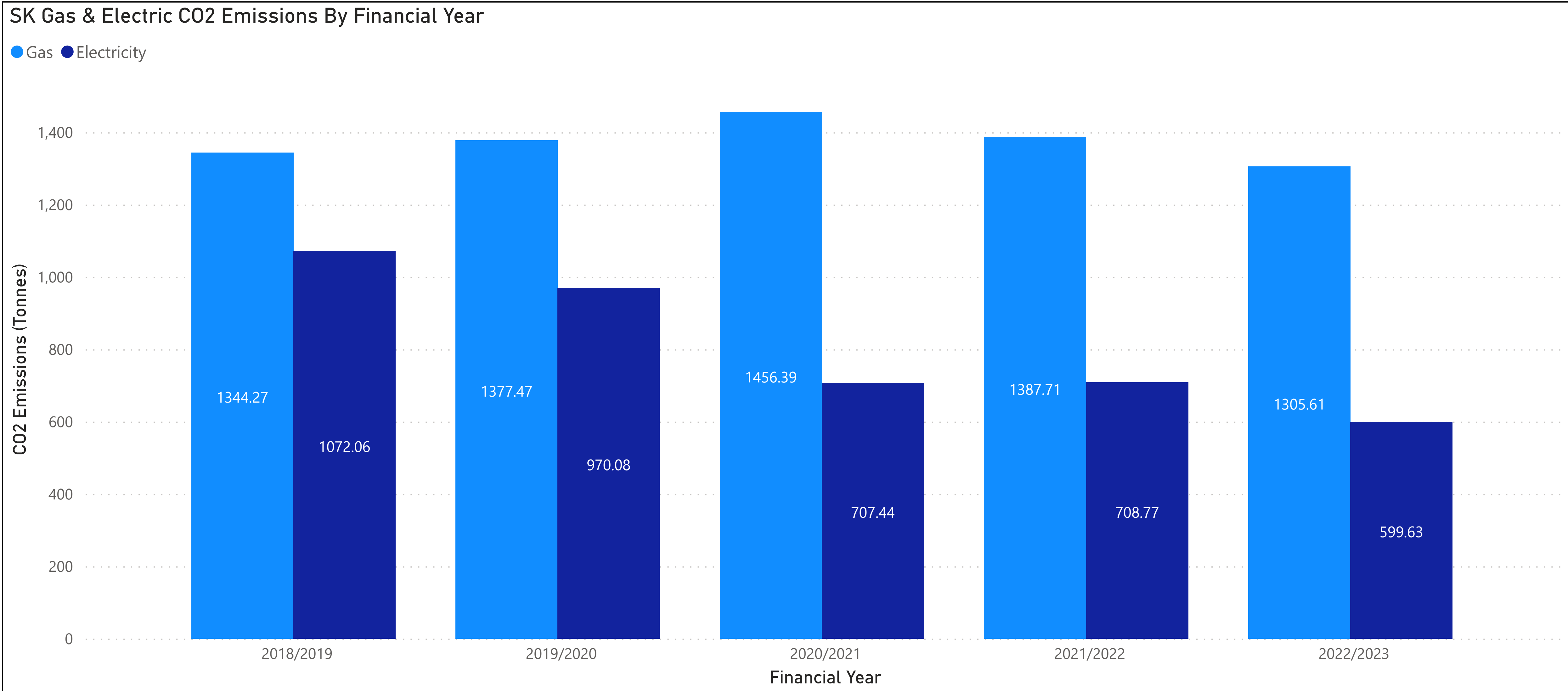
● LC Electricity ● LC Gas ● LC Fuel Oil





South Kesteven District Council Carbon Emissions Tracker - Fleet



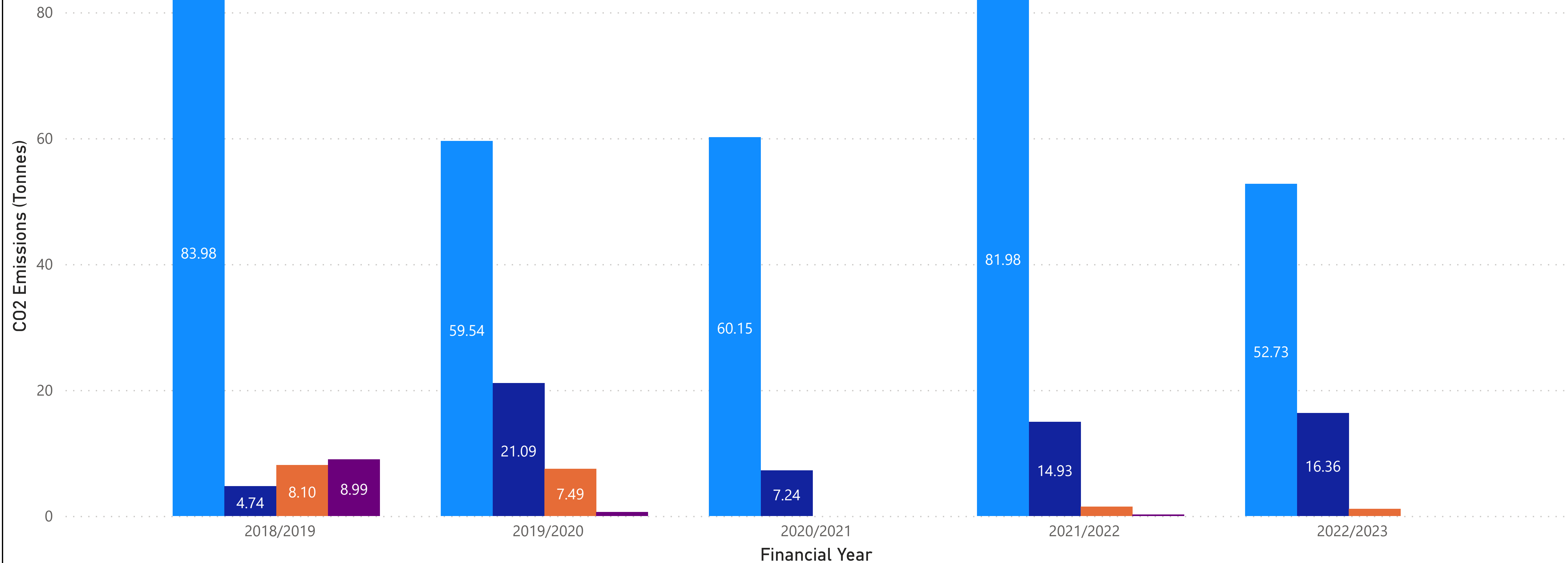




South Kesteven District Council Carbon Emissions Tracker - Staff & Councillor Travel

Staff Travel CO2 Emissions By Financial Year

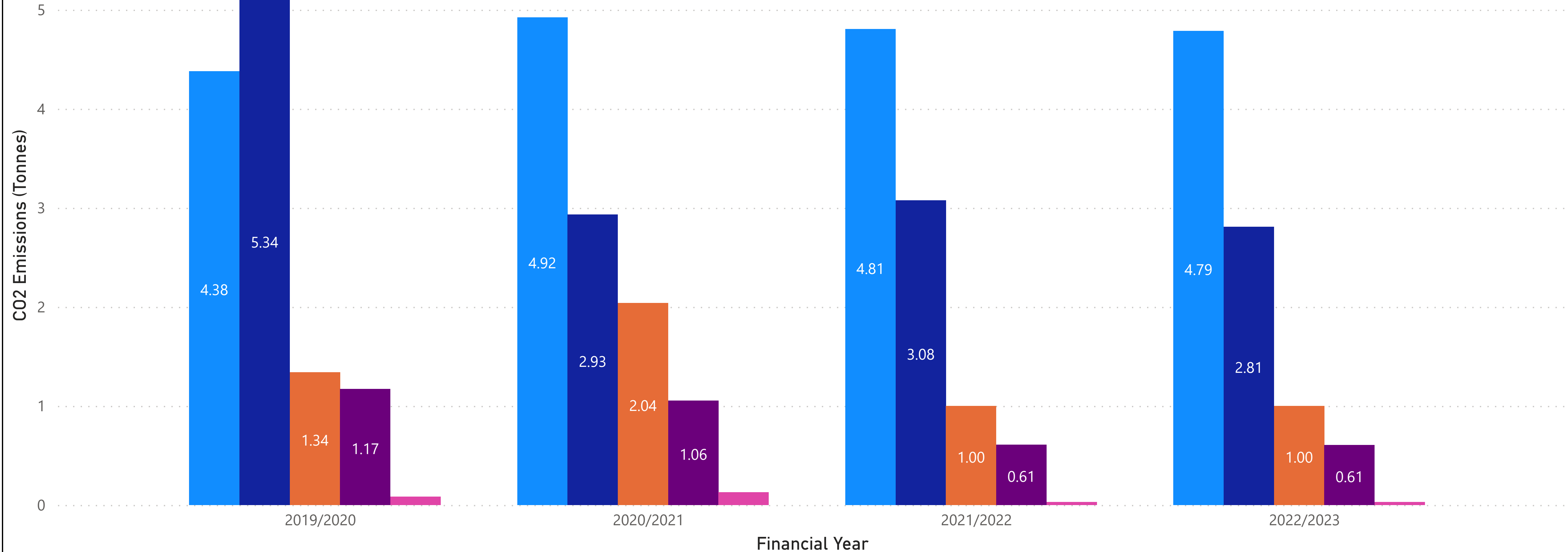
● Staff Travel ● Member Travel ● Staff Train Travel ● ISK Travel





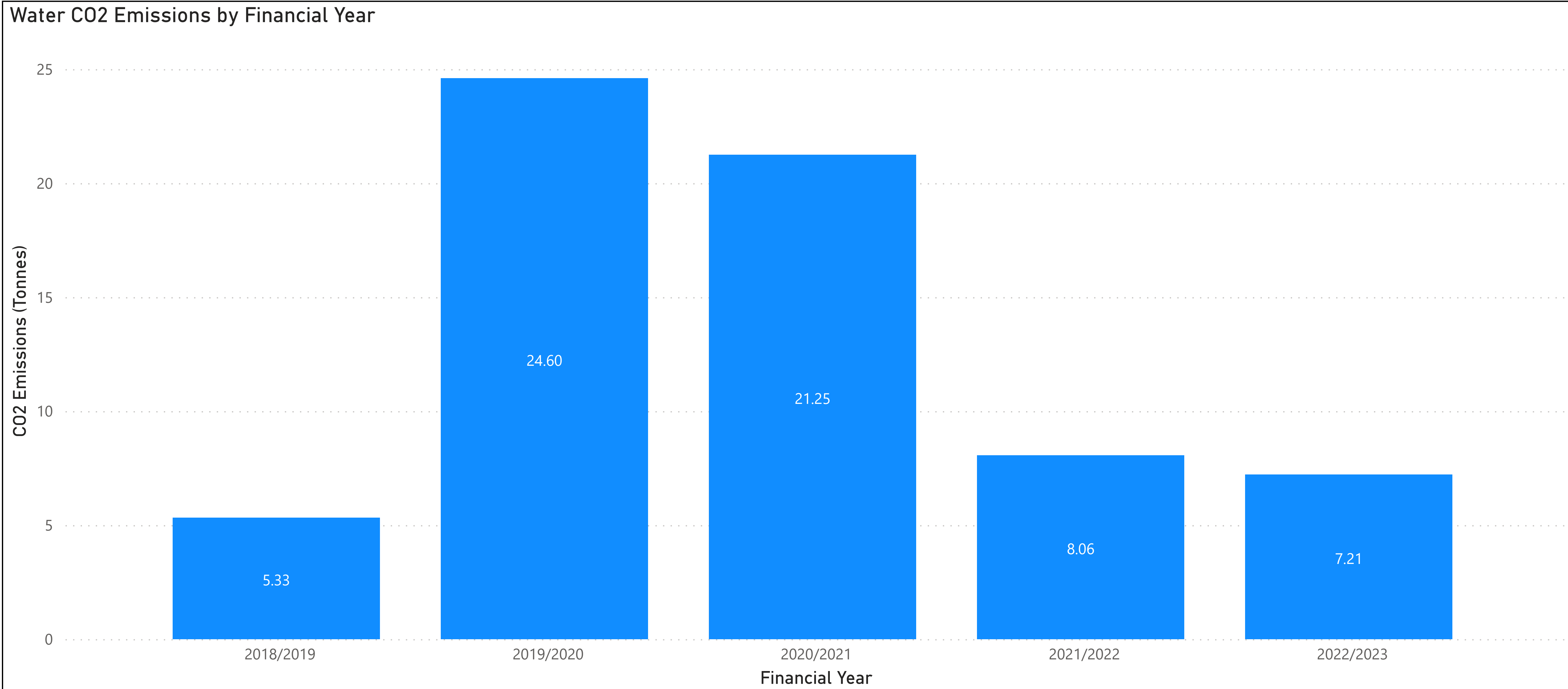
ESK C02 Emissions By Financial Year

● ESK Gas ● ESK Electric ● ESK Waste ● ESK Green Waste ● ESK Water





South Kesteven District Council Carbon Emissions Tracker - Water





South Kesteven District Council Carbon Emissions Tracker - Solar

SK Equivalent Tonnes of CO2 saved through use of Solar Power

