



# 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 2024 - March 2025, including the use of gas and electricity in council owned buildings, emissions from the vehicle fleet and the operation of its three Leisure Centres. 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 2024/25 financial year saw a decrease in carbon emissions of 29.24%, or an overall reduction of 2222 tonnes of carbon compared to the 2018/19 baseline.

A significant reduction of over 55% from the baseline has been seen in the carbon emissions associated with electricity use in the Council's buildings. This can be attributed to a reduction in overall electricity consumption across all Council occupied assets, as well as the continued decarbonisation of the electricity grid at a national level, thanks to increased contribution from renewable electricity generation.

A reduction is also reported for gas used in Council buildings. Over the past year alone, the amount of carbon associated with gas consumption decreased by 76 tonnes since 2023/24, factoring a total 15.43% reduction from the 2018/19 baseline. The collective emissions associated with the gas and electric consumption of the leisure centres has decreased by 199 tonnes since the last reporting year, a decrease of 46.75% from the baseline. However, the Council can confirm that there has been an uplift in refrigerant-related carbon emissions by 78 tonnes for 2024/25, largely due to escaped f-gas from equipment at the Grantham Meres Leisure Centre. Overall, this represents an increase of 3806.50% since the baseline and places the contribution of refrigerants at 1% of the Council's total emissions for 2024/25. The responsible poolside Air Handling Units are already set to be replaced under the wider Public Sector Decarbonisation Scheme, with one already removed.

The carbon emissions from the operation of the Council's vehicle fleet remains consistently high, showing little change from the 2018/19 baseline. The fleet is now the largest contributor to the Council's carbon emissions, responsible for 36% of emitted carbon during the 2024/25 financial year.

Business travel associated with staff and councillor movement in personal vehicles has seen a significant decrease of 35.80% since the baseline as more meetings and conferences are now held online. As part of the Green Fleet Strategy staff travel within own vehicles will be reviewed in further detail to understand where reductions in travel or use of SKDC vehicles can be used to travel to complete duties.

Whilst some important reductions in carbon emissions have been seen in select categories, the Council continues to look for further decarbonisation opportunities to ensure a downward trajectory in emissions towards the declared carbon reduction target of at least 30% by 2030. Several upcoming decarbonisation and energy efficiency projects will contribute to significant projected carbon savings for the Council.

Confidence	Description
	Moderate Level of confidence in the data supplied. May include estim proxy data.
	High Level of confidence in the data supplied.
	Low Level of confidence in the data supplied.

Source	Frequency	Confidence
Electric	Quarterly	
Fleet	Quarterly	
Gas	Quarterly	
Green Waste	Annual	
Lesiure Centres	Variable	
Member Travel	Monthly	
Refridgerants	Annual	
Solar	Annual	
Staff Travel	Quarterly	
Waste	Quarterly	
Water	Annual	

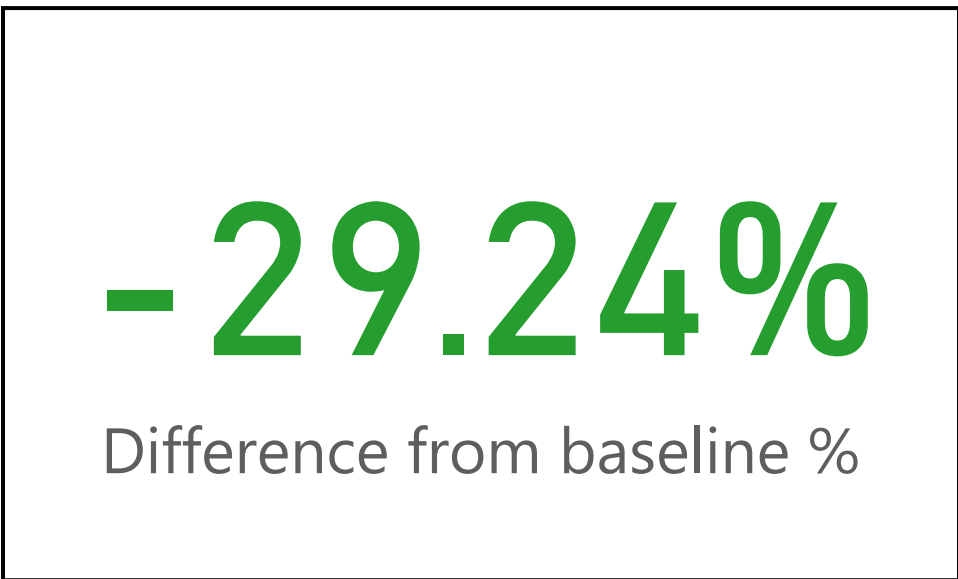
# South Kesteven District Council Emissions 2024/2025



1682  
Leased Asset Co2e

-46.75%

Leased asset change from 2018/19 baseline



63.6  
Business travel CO2e

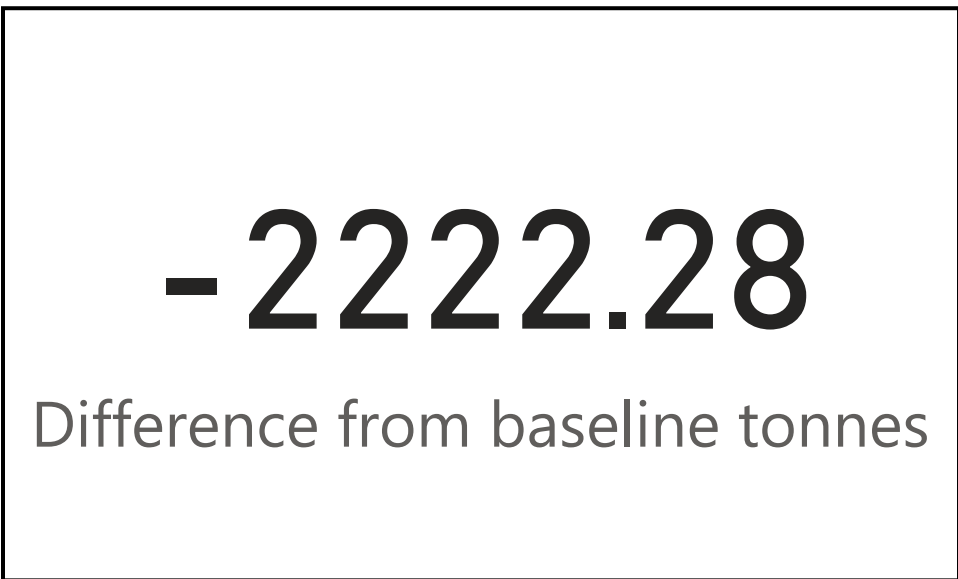
-35.80%

Business travel change from 2018/19 baseline



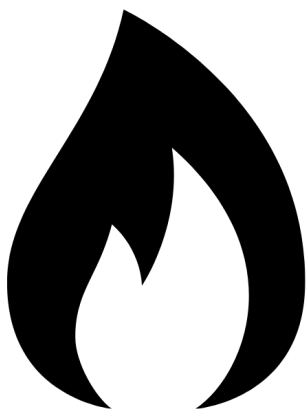
1957.1  
Fleet CO2e  
2.04%

Fleet change from 2018/19 baseline



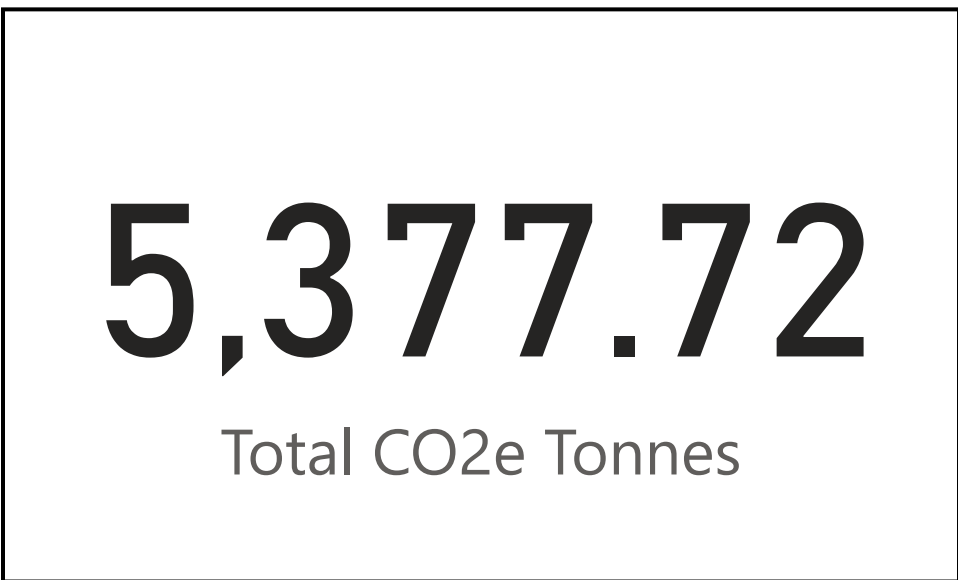
6.69  
Water CO2e  
33.74%

Water change from 2018/19 baseline



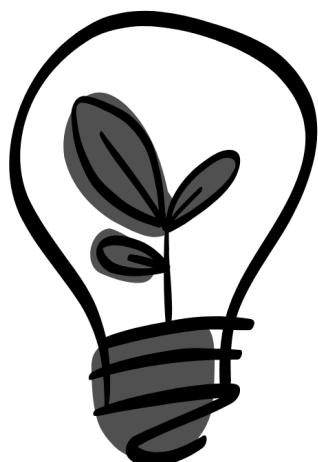
1,136.68  
Gas CO2e  
-15.43%

Gas change from 2018/19 baseline



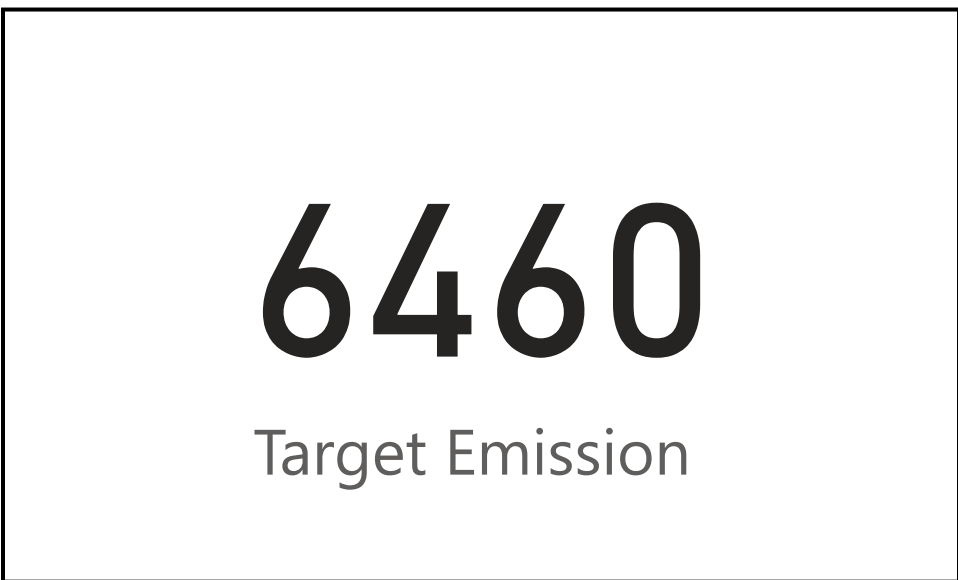
0.76  
Waste CO2e  
-74.57%

Waste change from 2018/19 baseline



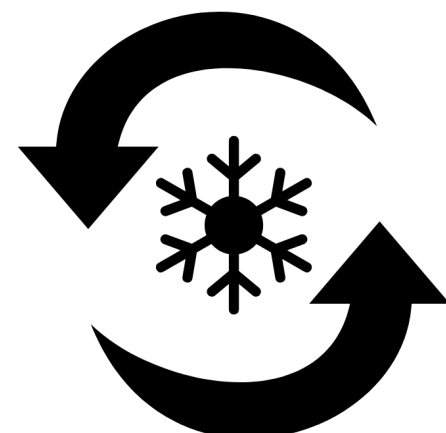
481  
Electric CO2e  
-55.09%

Electric change from 2018/19 baseline



78.13  
Refrigerants CO2e  
3806.50%

Refrigerants change from 2018/19 baseline

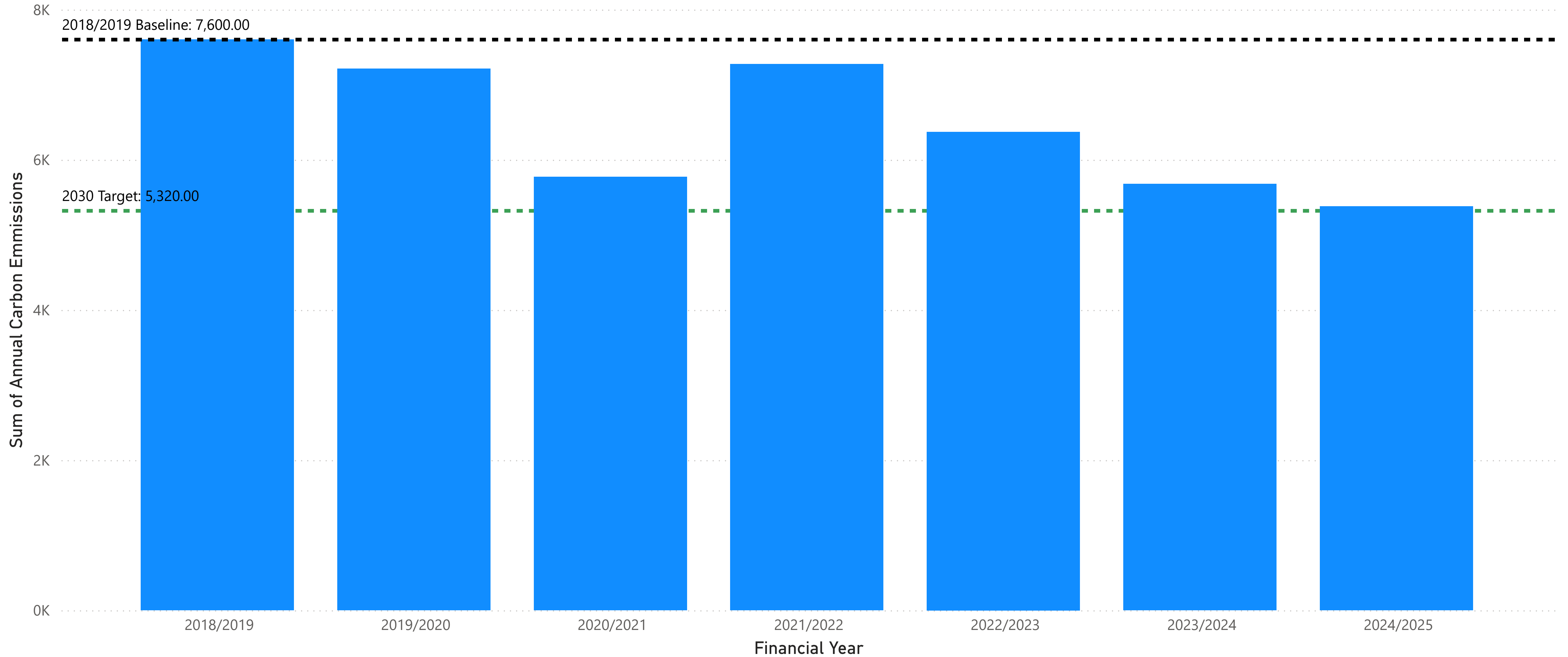




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## South Kesteven District Council Carbon Emissions Tracker - Annual Comparison

Yearly Emissions - CO2e Tonnes





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## South Kesteven District Council Carbon Emissions Tracker - Leisure Centres

**-1475** ↓

tCO2e difference from 18/19 baseline

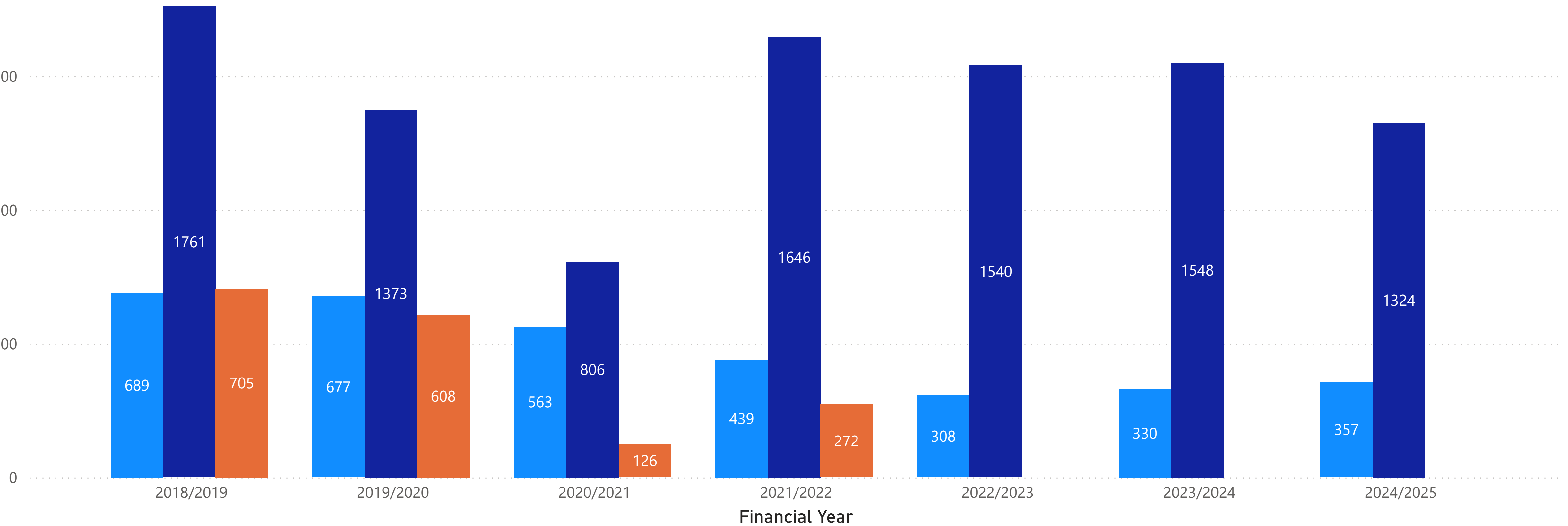
**-197** ↓

tCO2e difference from previous year

### Leisure Centre CO2 Emissions By Financial Year

● LC Electricity ● LC Gas ● LC Fuel Oil

LC Electricity, LC Gas and LC Fuel Oil







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# South Kesteven District Council Carbon Emissions Tracker - Fleet

38.1



tCO2e difference from 18/19 baseline

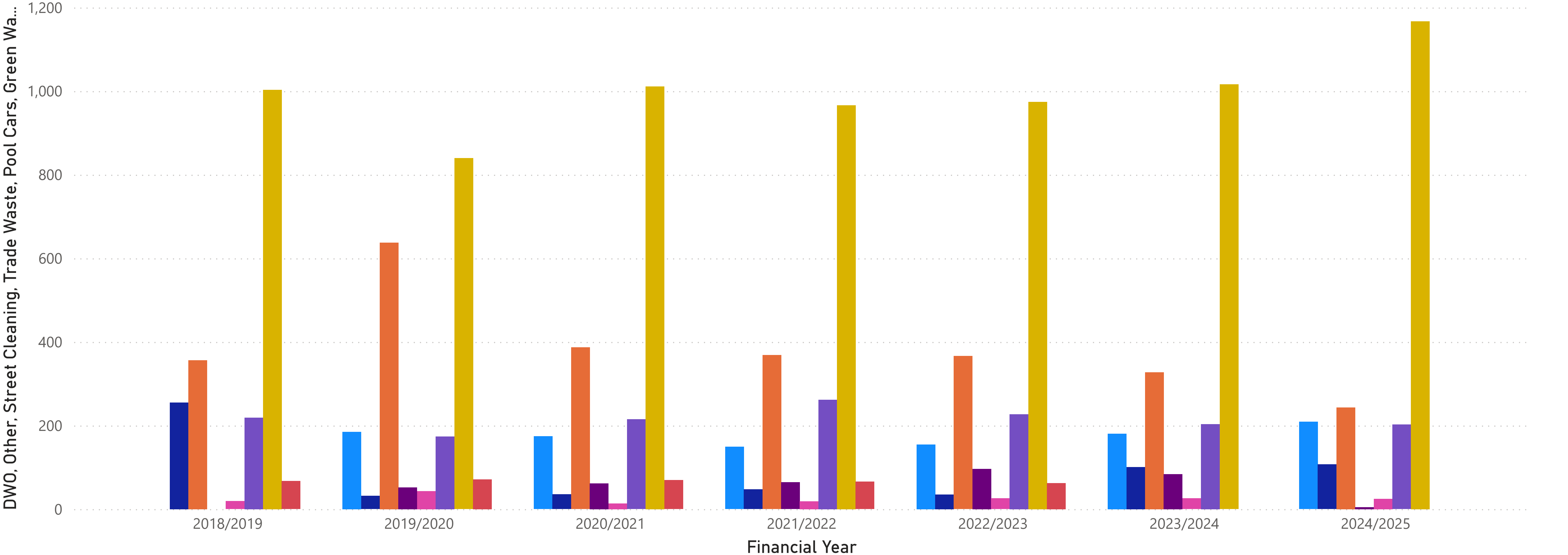
19.1



tCO2e difference from previous year

Fleet CO2 Emissions by Financial Year

DWO Other Street Cleaning Trade Waste Pool Cars Green Waste Waste Management Environment SK



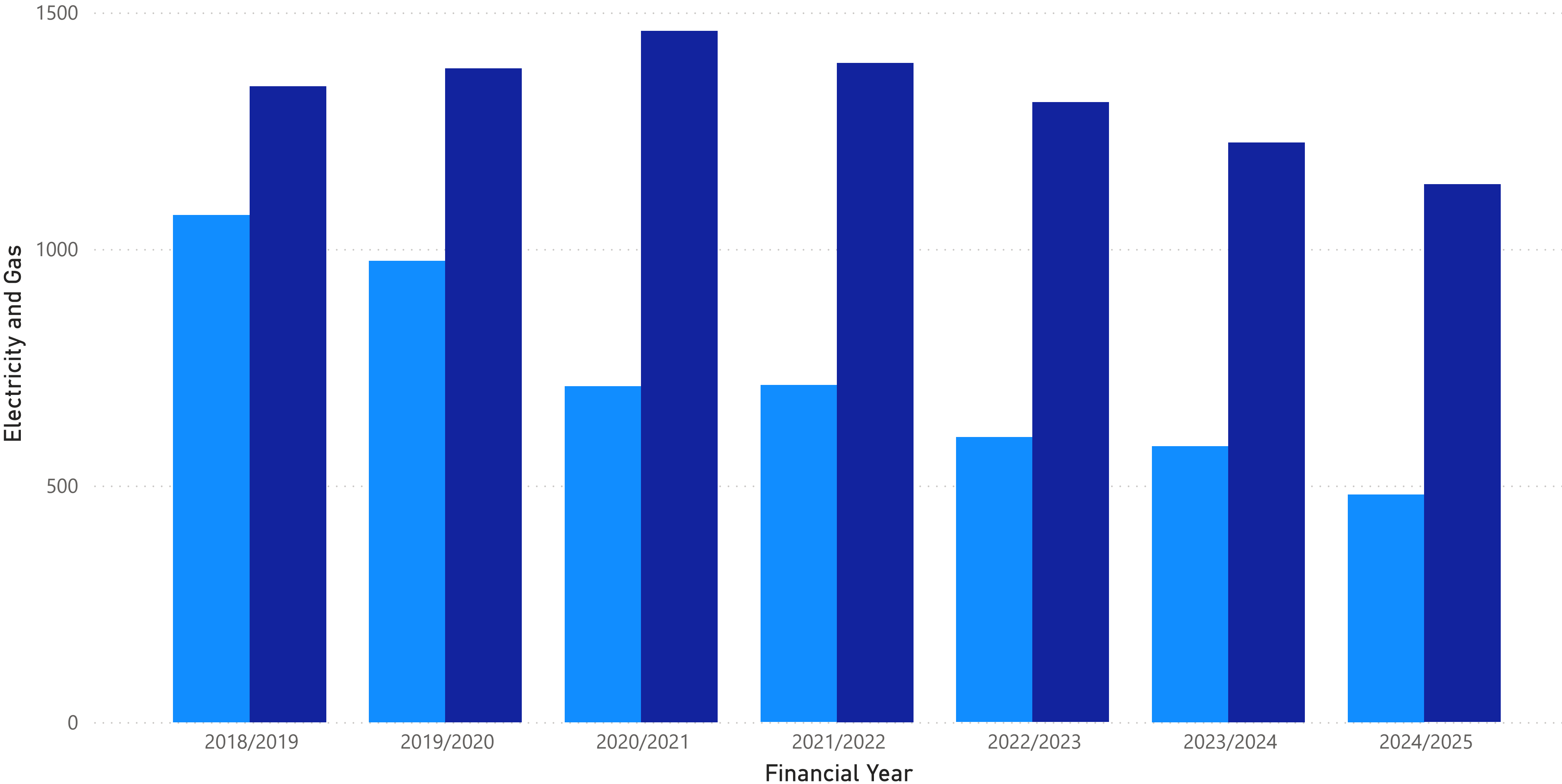


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# South Kesteven District Council Carbon Emissions Tracker - SK Gas & Electric

SK Gas & Electric CO2 Emissions By Financial Year

Electricity Gas



**-207.322** ↓

tCO2e difference from 18/19 baseline (gas)

**-88.322** ↓

tCO2e difference from previous year (gas)

**-590.555** ↓

tCO2e difference from 18/19 baseline (electric)

**-101.555** ↓

tCO2e difference from previous year (electric)

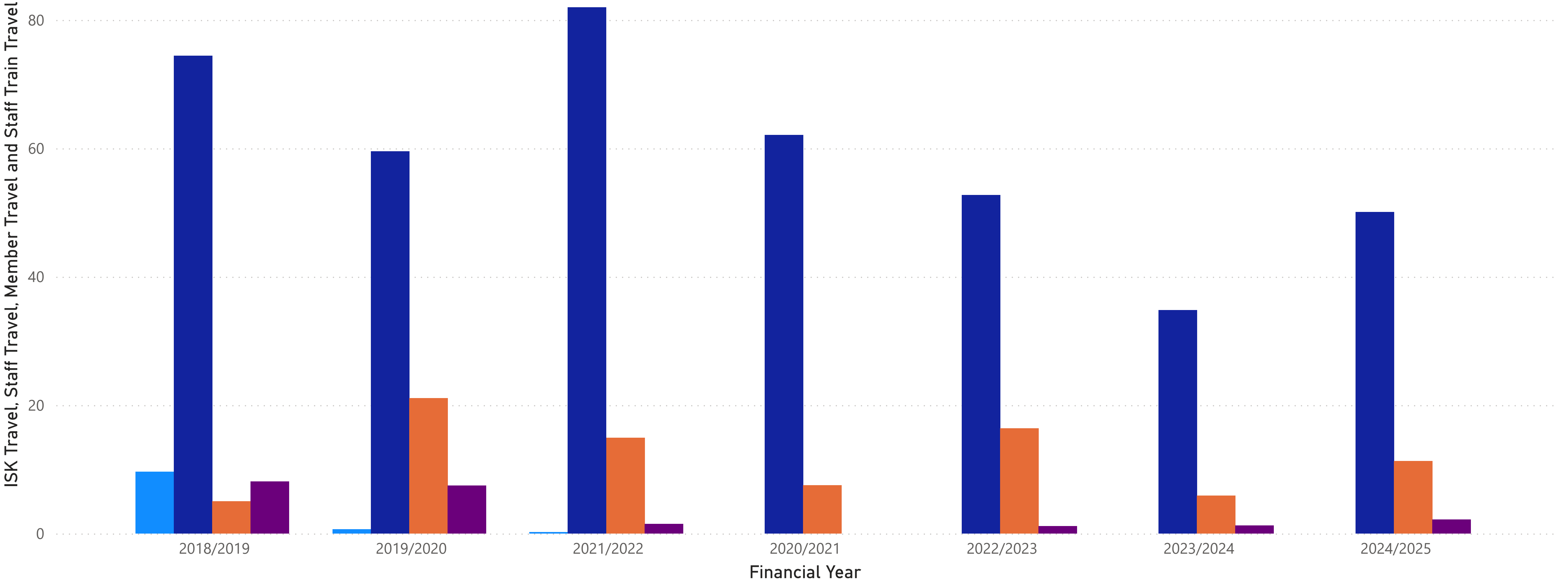


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# South Kesteven District Council Carbon Emissions Tracker - Staff & Councillor Travel

Staff Travel CO2 Emissions By Financial Year

ISK Travel   Staff Travel   Member Travel   Staff Train Travel



-35.4↓

tCO2e difference from 18/19 baseline

21.59↑

tco2e difference from previous year (tonnes)



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## South Kesteven District Council Carbon Emissions Tracker - Water

**-3.11**



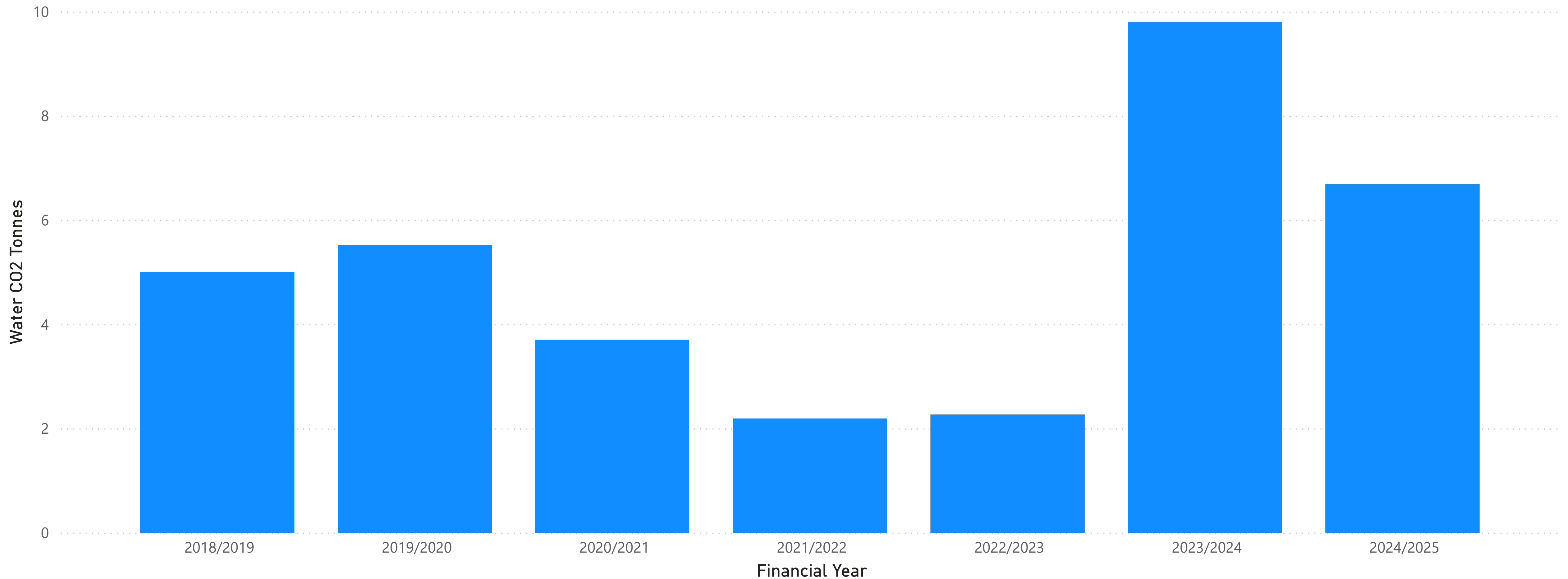
tCO2e difference from previous year

**1.69**



tCO2e difference from 18/19 baseline

Water CO2 Tonnes by Financial Year







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## South Kesteven District Council Carbon Emissions Tracker - Solar

**19.1** ↓

tCO2e difference previous year

**38.1** ↓

tCO2e difference from 18/19 baseline

Tonnes of Carbon avoided due to solar generation by Financial Year

