

South Cambridgeshire District Council – Using data to inform climate action

Grace Vaudin – Climate Strategy Officer
grace.vaudin@scambs.gov.uk



About the Council



Tier two local authority
with a population
~172,000 (2024, ONS)



Few land assets for
nature recovery, and low
canopy cover



Challenges of reducing
emissions in area of
growth



Corporate Plan
objective: Green to
Our Core

Climate & Nature



- Adaptation & Resilience
- Transport
- Energy and Retrofit
- Nature and Water
- Sustainable Food
- Waste Minimisation
- Community Support and Behaviour Change
- Businesses, Supply Chain and Finance



Climate and Nature Strategy

2026-2030

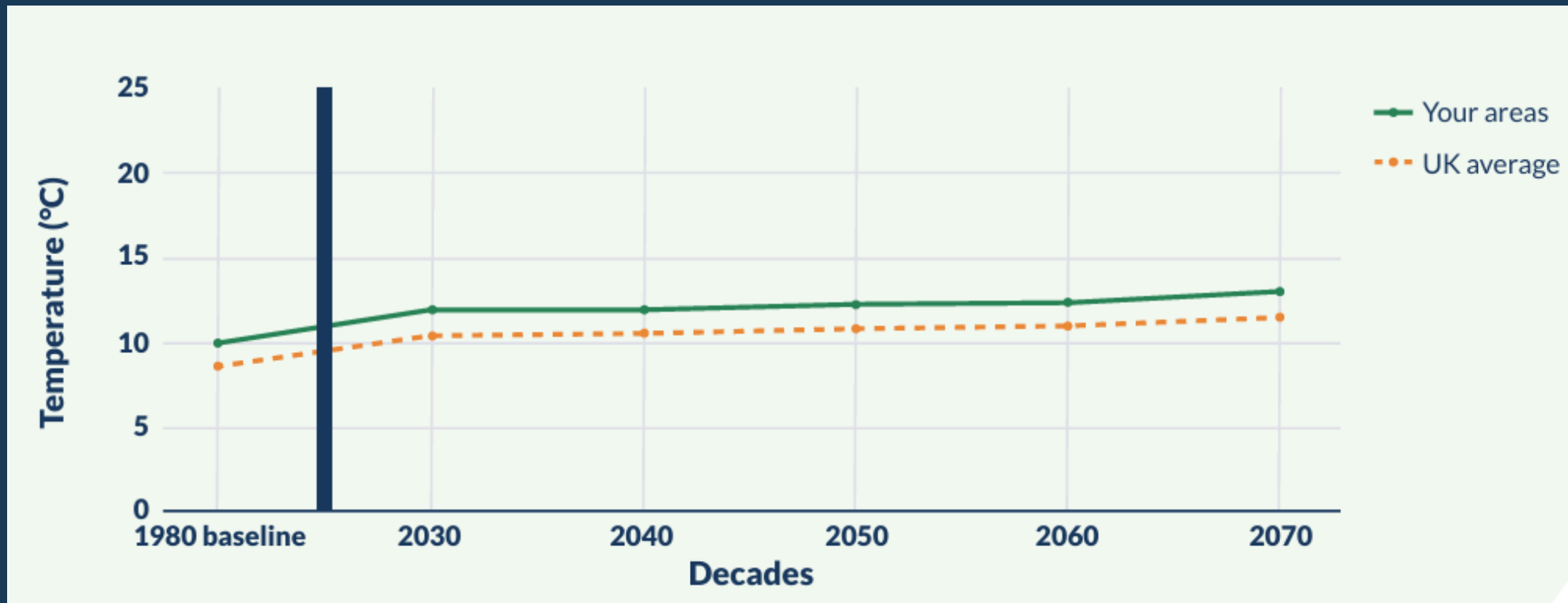
scambs.gov.uk
f x i n



Using data to inform our strategy



Future projected average temperature increase in South Cambridgeshire vs the UK to 2070



Using data to inform our strategy



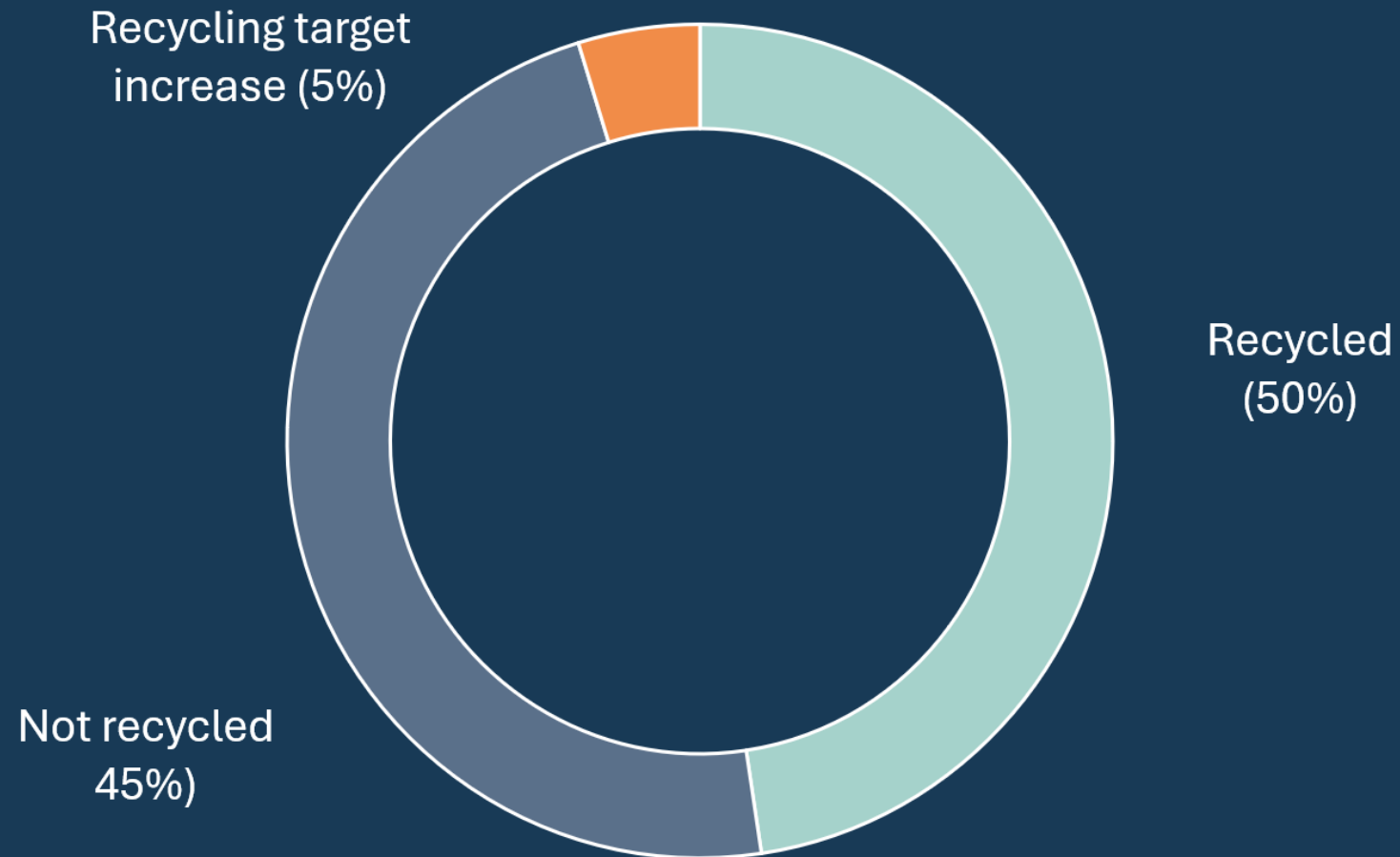
Land use by proportion in South Cambridgeshire (2022)



Using data to inform our strategy



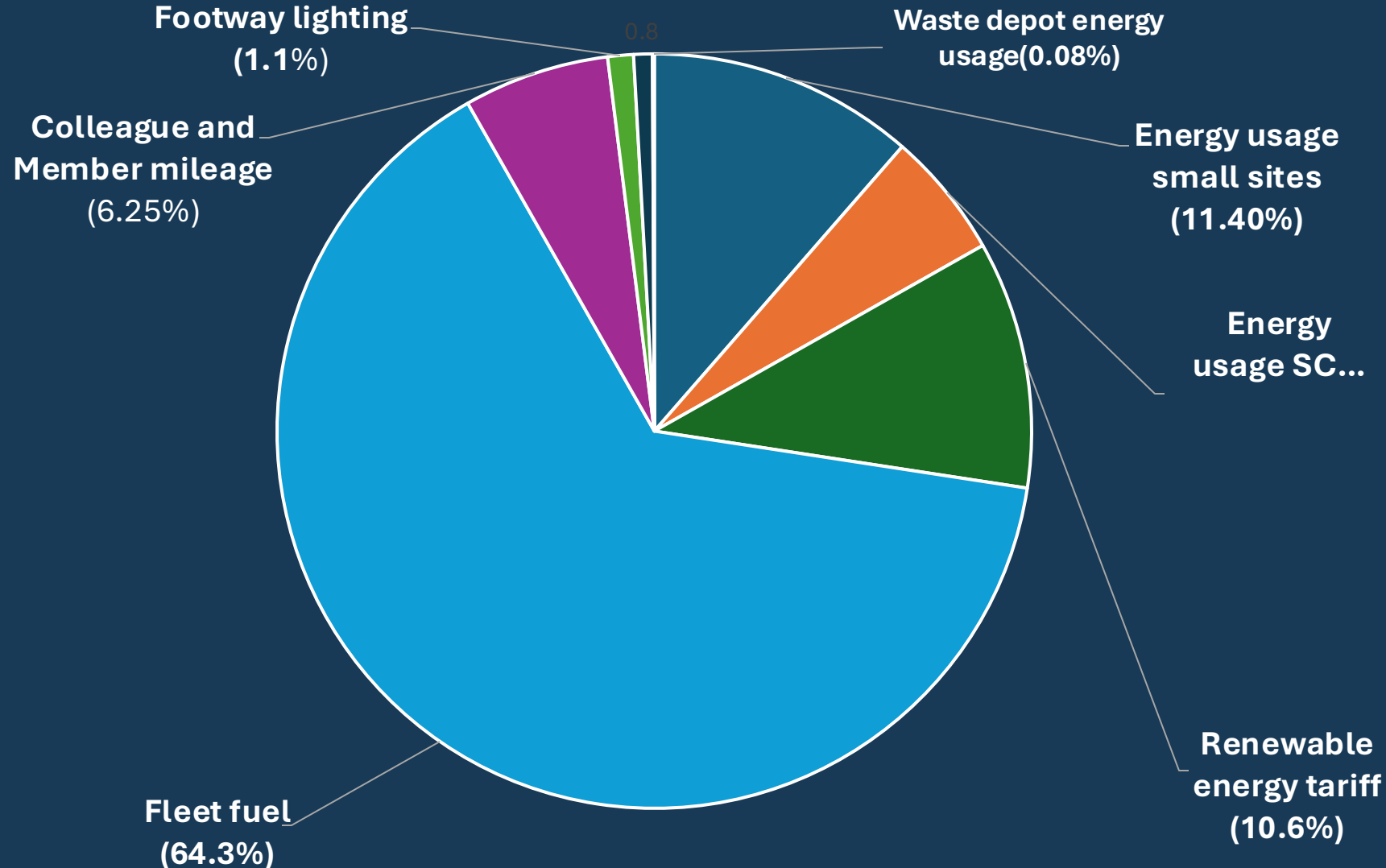
Waste collection target 2030



Emissions accounting



- Council estate and operations: Reduce emissions by 45% by 2025 and 75% by 2030
- Area-wide target: Reach net zero by 2050
- Use data to track progress against targets
- Utilise data from across Council's services
- Highlight areas for focus of future work



Data dashboard



Council housing stock EPC ratings

Mass of waste by type

Percentage of staff Carbon Literacy certified

Breakdown of car type district-wide

Total business mileage per year per fuel type

Local temperature changes

Estimated carbon savings from Council's 'Zero Carbon Communities' Grant

Adaptation
and
Resilience

Transport

Energy and
Retrofit

Nature and
Water

Sustainable
Food

Waste
Minimisation

Community
Support and
Behaviour
Change

Business,
Supply Chain
and Finance

Helping meet our targets with data



Reduce emissions from Council's estate and operations from 2018/19 baseline levels by 45% by 2025/26



Annual emissions data accounting in 2021/22 showed Council was not on track to meet this interim target



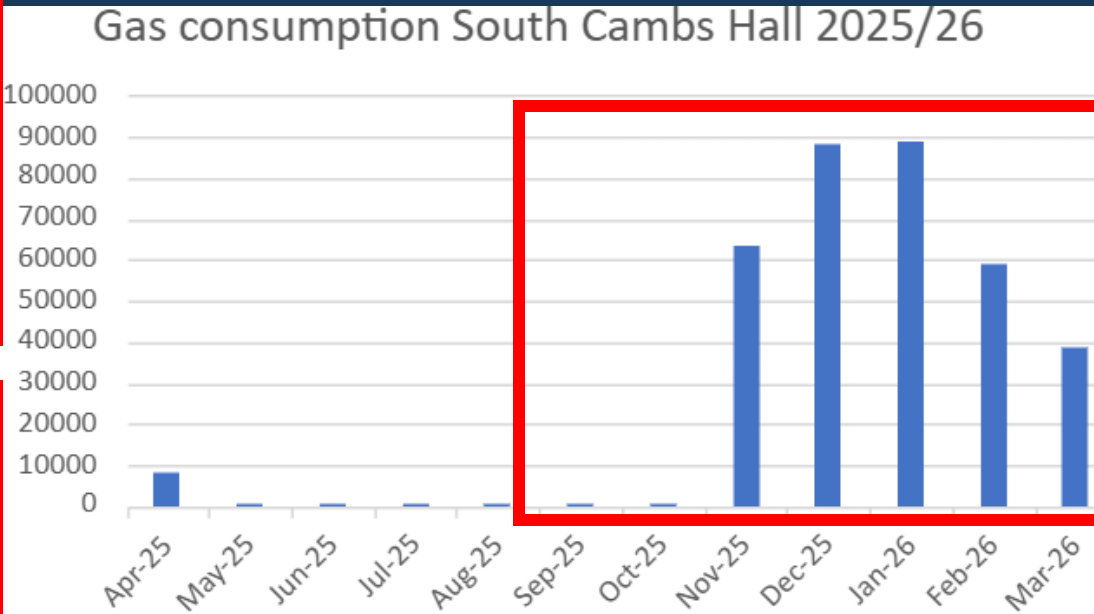
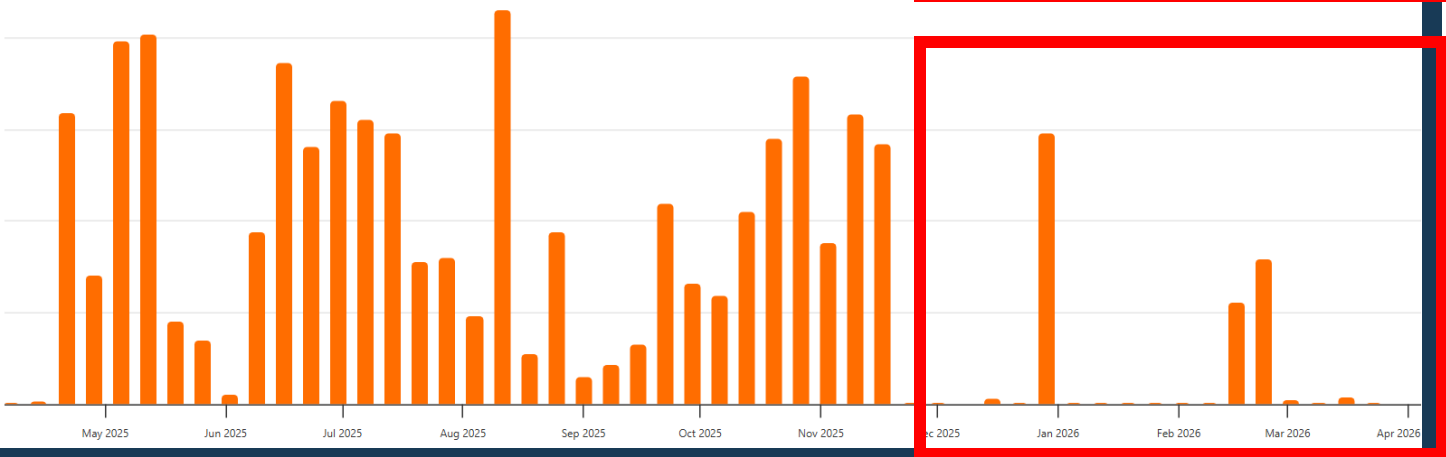
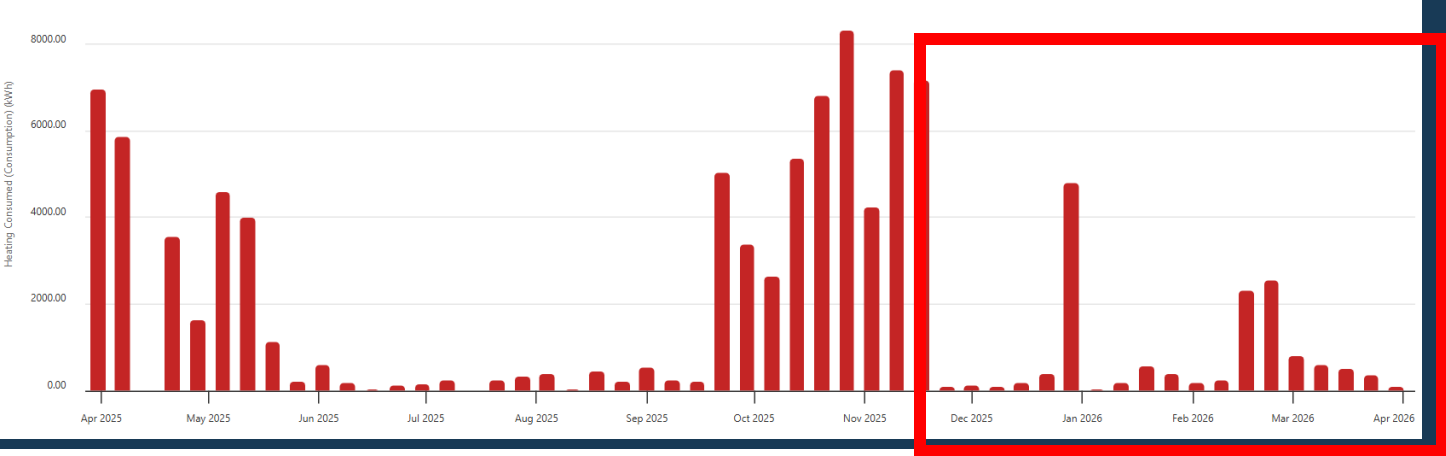
Decision made to use more Hydrogenated Vegetable Oil (HVO) in waste collection fleet



Council's net emissions in 2025/26 reduced by 45.3% from 2018/19 - target was met



Using data to identify issues



Installation of ground source heat pump with Environmental Monitoring System

Gas usage 2025/26 indicated issue with gas boiler/ ground source heat pump interface

Solutions sought and quickly rectified to prevent repeat issue

Will positively impact 2026/27 emissions

Questions?

climateandenvironment@scambs.gov.uk

