

Decarbonisation & Sustainability Update

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Sustainability Programme on Page

Executive Summary

Progress towards net-zero continues through delivery of the refurbishment, the Notting Dale Heat Network and landscaping programmes as evidenced by on site project delivery, live tenders and ongoing carbon reductions. Alongside this the climate adaptation and net-zero strategies continue to help us understand and meet our targets, and share this model with wider housing management, supporting the council’s overall net-zero goals.

Workstream Summary

Key Statistics

Carbon Emissions & Goodbye Gas

Coordinated works to remove gas assets from properties and replace them with energy-efficient electrical appliances. This includes a communications campaign, coordination with the internal refurbishment programme and main refurbishment and a tailored offer for residents and leaseholders. To date 341 gas meters have been removed.

20%
Reduction
in Carbon
Emissions
from
2018/19



Heat Network Metering & Billing

Providing residents with tailored support for the transition to the Heat Network by installing property level meters. This will give residents more control on their heating costs and ensure the council stays compliant with Heat Network Regulations.

£85,000,000
Grant
funding
secured to
date



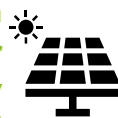
Landscape & Garden Estate

Reducing flood risk and improving biodiversity through installing Sustainable Urban Drainage Systems and greening projects that also improve the quality and access to green spaces for residents. To date over 2500m2 of green space has been transformed.

Climate Adaptation & Resilience

A climate adaptation and resilience plan for LWE has been drafted with a focus on identifying and mitigating the risk of overheating in line with Awaab’s Law.

6.5tCO2e
Saved from
Solar
energy
generated
on LW
Blocks



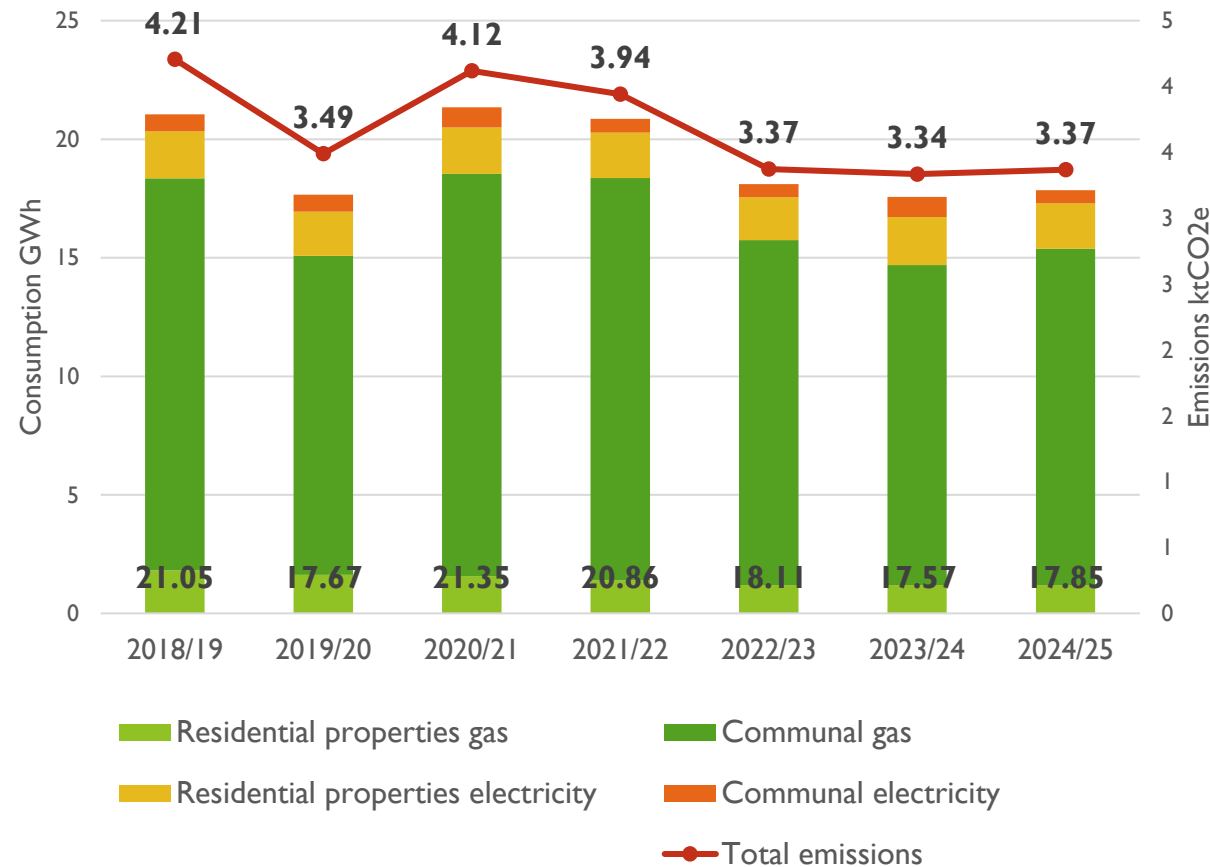
Fundraising & SHDF Grant

Bringing in external grant funding, investment through loans and exploring opportunities to support the delivery of a carbon-neutral refurbishment and Heat Network. To date £85,000,000 has been secured from over 15 different funders.

Progress on Lancaster West's Sustainability Strategy

We have been working across teams within Lancaster West Neighbourhood Team & wider Housing Management to continue to reduce our carbon emissions, save energy usage and meet our net-zero targets.

LW housing consumption & emissions



LWE Sustainability Objectives – 2025 - 2028

1. Refurbishing homes to be comfortable, climate-adapted, and energy-efficient
2. Generating clean, green, and reliable energy
3. Restoring a garden estate with a thriving and resilient environment
4. Supporting Sustainable living and a local circular economy
5. Developing green skills and services

Tackling Overheating at Treadgold House

Heatwaves are becoming increasingly common in the UK as climate change continues to affect our weather patterns.

At Treadgold House brise-soleil and increased tree cover are significantly reducing surface temperatures and substantially reducing solar gain within homes.

The pictures show that windows shaded by the brise-soleil were around 20°C cooler than adjacent unshaded areas. The design of the façade also supports a reduction in surface temperatures as the white bricks reflect more heat than the grey, causing them to be around 30°C cooler, protecting residents' homes from the outside.

