

Decarbonisation & Sustainability Update

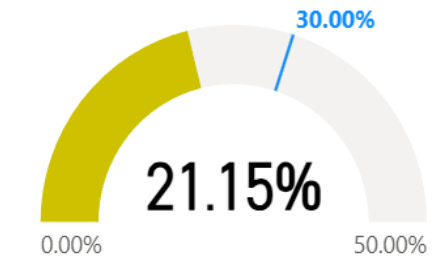
Sarah Cross
Sustainability Programme Manager

Progress on Lancaster West's Sustainability Strategy

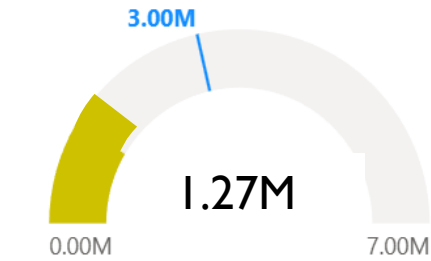
We have been working across teams within Lancaster West Neighbourhood Team & wider Housing Management to continue to reduce our carbon emissions, save energy usage and meet our net-zero targets.

Sustainability Strategy Dashboard Overview

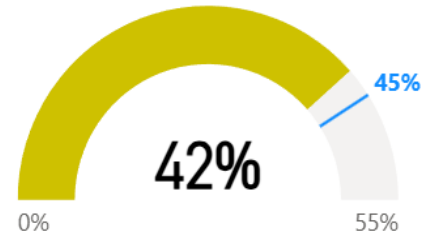
Carbon Emission Reduction since 2018



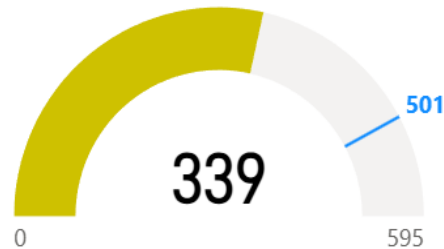
Total Funding Secured



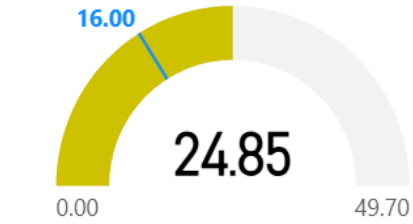
% of LWE Smart Thermostats installed



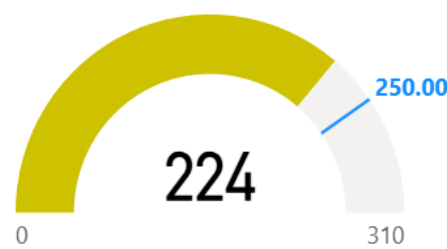
Total Heating Systems Installed on LWE



Total Carbon Emissions saved from Circular Economy Projects (tCO2e)



Total Gas Meters Removed






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

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
<p>Carbon Emissions & Goodbye Gas 224 gas meters installed exceeding 2024/25 target, 284 induction hobs installed contributing to 11.5tCO2e a year saved through Goodbye Gas. Continued to work through requirements for gas supply to all homes.</p>	<div>22.48% Reduction in Carbon Emissions from 2018/19</div> <div></div>
<p>Resident Transition and Energy Advice Tailored energy advice provided to residents supporting sustainable, affordable ways to manage energy bills. Thermal comfort pilot and innovations in metering and billing will further support residents to keep bills low and effectively make use of new technologies.</p>	<div>£1.27m funding secured for FY24-25</div> <div></div>
<p>Landscape & Garden Estate A contractor has been chosen for the flood mitigation project at Morland House, following a design period this will be on site in December 2025. Further flood protection has been designed into the sitewide scheme, which has just completed RIBA Stage 3. Funding is being sought to deliver.</p>	<div>27% Reduction in surface water depth for a 1 in 10 year flooding event</div> <div></div>
<p>Climate Adaptation & Resilience A climate adaptation and resilience plan for LWE has been drafted with a focus on building in climate resilience into existing workstreams and ensuring cross-departmental understanding and targets.</p>	
<p>Fundraising & SHDF Grant Green Finance Fund loan has been approved, SHDF awaiting confirmation from DESNZ on potential extension of the grant funding period. LWE incorporated into HRA business planning. £700,000 new funding bids in August/September 2025.</p>	

Resident Transition: Progress on Metering & Billing

Treadgold House will be the first block where we will go live with metering and billing on the estate.

We have identified a metering and billing provider (Switch2) and hardware to be installed which will:

- deliver all resident requirements and preferences identified via resident workshop in November 2024.
- provide compliant and robust data on energy usage
- help residents understand energy costs via a user interface

Taken together this will lead to control of heating and costs for residents and more efficient use of energy.



Resident Transition: Smart Thermostats

- Smart thermostats offer precise temperature control, real-time usage data and automated scheduling
- We've compared the smart thermostats market and shortlisted three based on user experience
- We've piloted each model in properties
- Developed plans to procure and install as part of the refurbishment delivery

Next steps

- Resident engagement event providing residents opportunity to interact with user interface
- Ensuring integration with heat network regulations and council energy targets

Google Nest



Reason:
Discontinued in the UK

Honeywell T6R-HW



Reason:
Portable design risks being unplugged or misplaced. Less reliable for consistent resident use

Hive Smart Thermostat

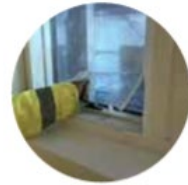
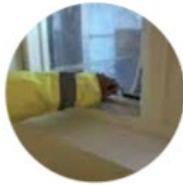


Reason:
Remote control via app, simple to use, wall-mounted Battery operated (no hard wiring). Connects wirelessly to receiver. Easy to install, strong UK support

Resident Transition: Home Guide

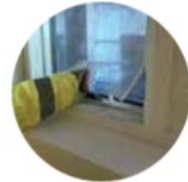
- Comprehensive Home Guide developed to help residents adapt to refurbished homes and new technologies (MVHR, HIU, smart thermostats, triple-glazed windows, intercoms).
- Provides step-by-step instructions, practical tips, and multi-language options to support residents with day-to-day use, maintenance, and troubleshooting.
- LWNT will also support residents during the transition, helping to answer queries and provide all required information.

To open the window



First, grab hold of the handle and, pull the handle up and to the left. Then, push the window out.

To close the window



First, pull the window in. Next, push the handle down and to the right.

