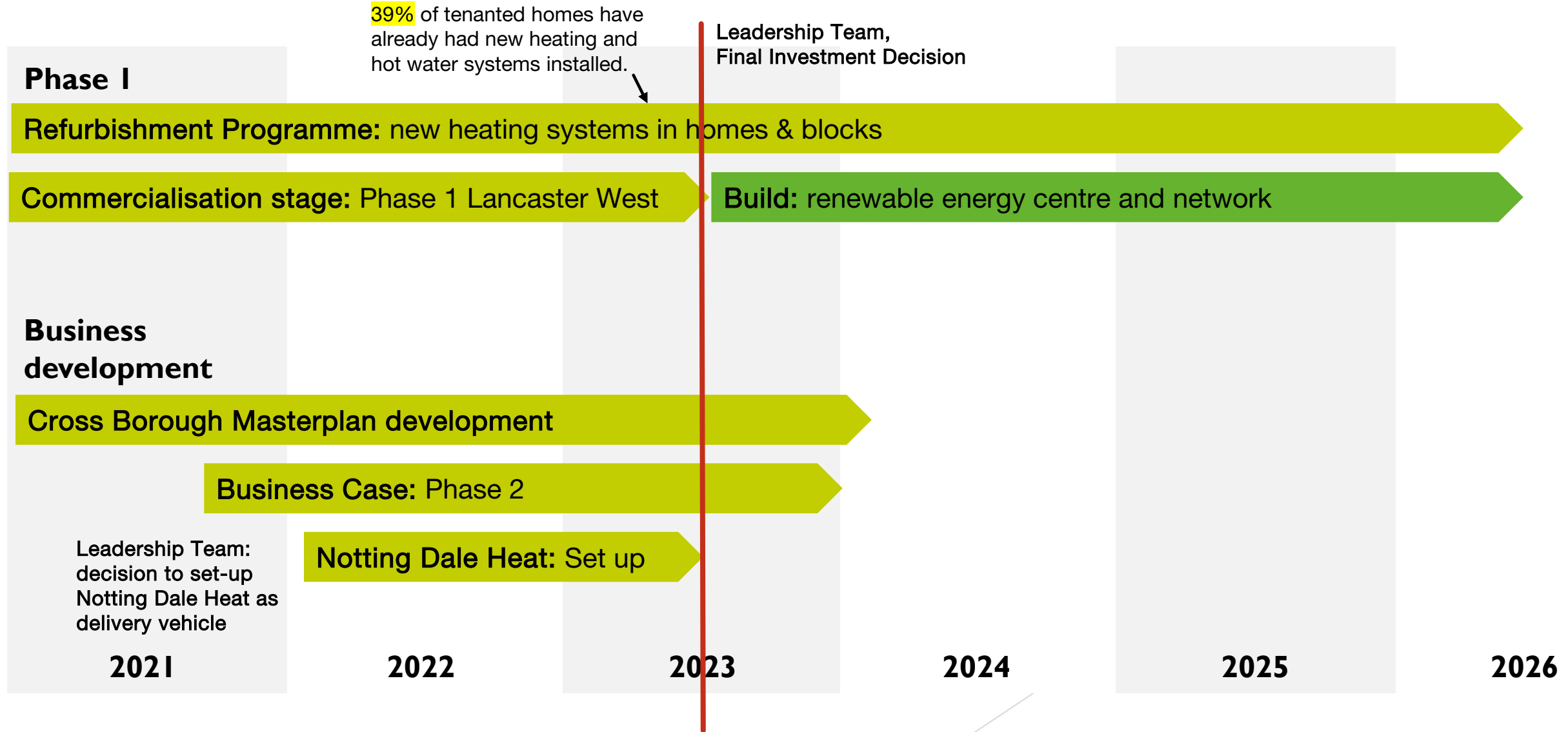


Notting Dale Heat Network

Janet Hall, Heat Network Engagement Manager

Notting Dale Heat Network

Heat network programme



Notting Dale Heat Network

Update leading up to FID

Business development

Three-year **business plan** has been circulated and **approved**.

Connection and heat supply agreements status: issued to School and Leisure Centre.

Cross-Borough Energy Masterplan event, 10 May. Report due Summer 2023.

Procurement

Preferred contractor will be identified in **early June**. A negotiation period will follow.

Planning application in **July**

Preferred contractor will finalise the heat network design

Final Investment Decision

Political, resident and stakeholder **engagement opportunities** arranged Feb – June 2023.

Mazars accountants and National Energy Action have provided **due diligence** on business model and fuel poverty.

Notting Dale Heat Network

Contract readiness

DBOM (Energy centre + network)

- Preferred contractor due June 2023.

D&B

- Preferred contractor due June 2023.

Appointments

- DeRisk have been appointed to Principal Designer role for the D&B contracts.
- We will shortly be appointing the Principal Designer (DBOM) and Contract Administrator for both the DBOM and D&B contracts.

Notting Dale Heat Network

Resident co-design overview

A local energy company

Business away day held on 25 April. LWRA attended.

Field visits arranged for residents and team in May and June to see other social housing heat network and heat pump case studies.

Designing the energy centre

1,200+ homes invited to join co-design of energy centres.

December 2022 and March 2023: **public exhibitions** attended by 180+ people.

Notting Dale Heat Network

Energy centre design update

What has changed?

- Air Source Heat Pumps have been moved from the leisure centre to academy rooftop.
- Warm water store is now located outside leisure centre, opposite Avondale Park Road.
- A neutral / white finish to the screens is proposed.

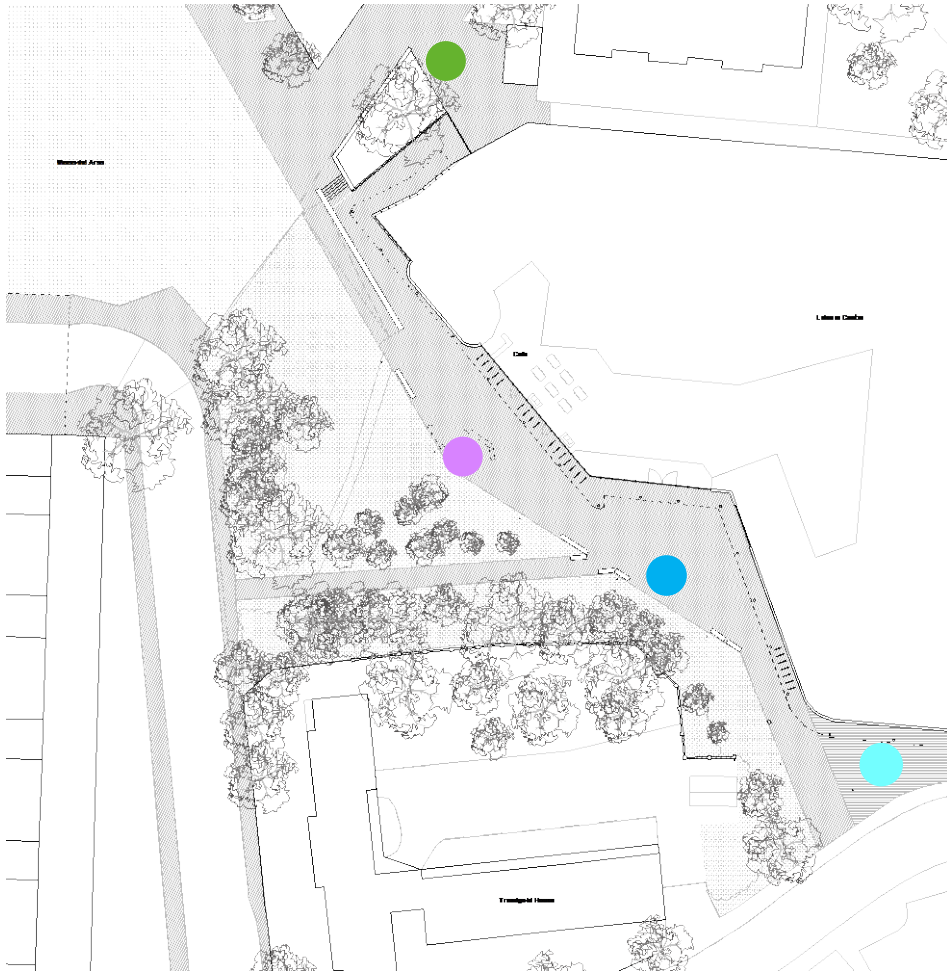
What the quality review panel said...

- Overall they liked the energy centre design, and found the screen very engaging.
- They'd encourage the heat network to develop a high quality screen design for the rooftop Air Source Heat Pumps, for the project to lead the way in sustainable energy delivery for the Borough.
- The Renewable Boiler Room design should be adapted to make best use of the limited budget, recognising that most interest will be in the ASHPs (as the main source of renewable energy) and the warm water store



Notting Dale Heat Network

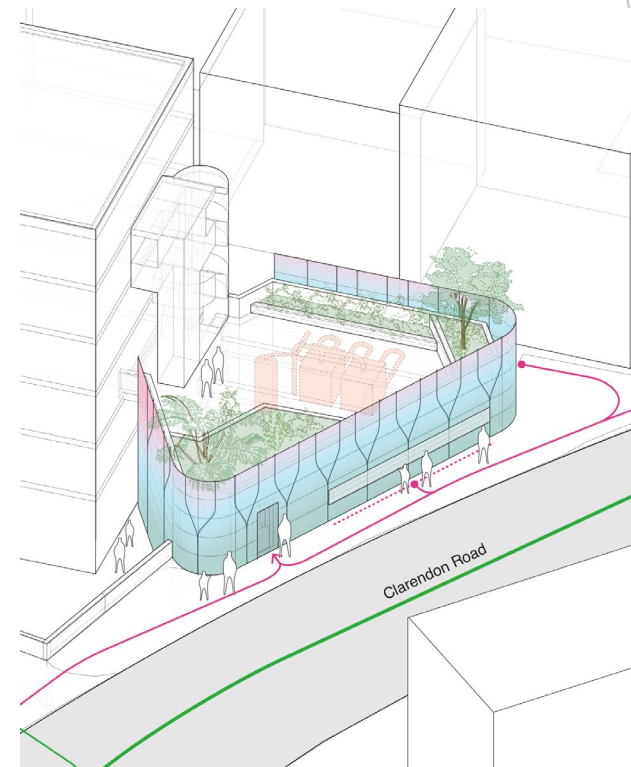
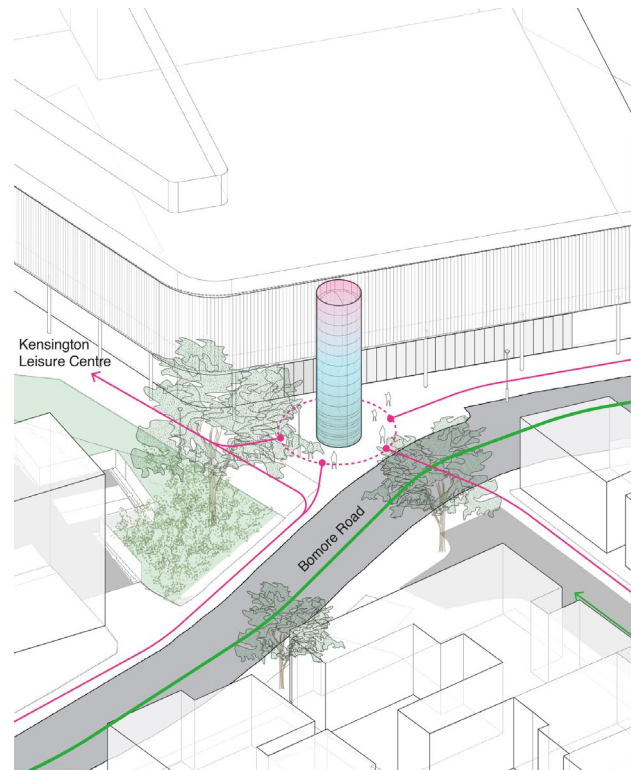
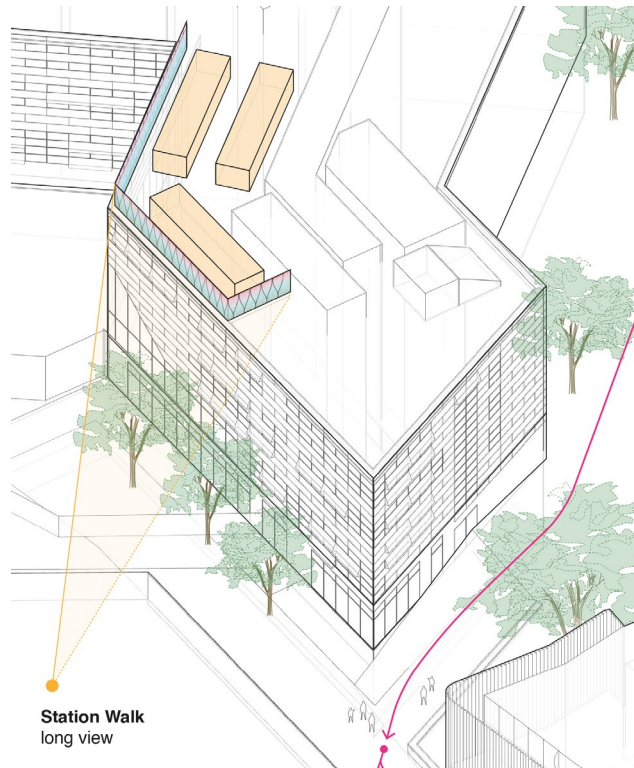
New location



● Selected site

Notting Dale Heat Network

Energy centre architecture



Notting Dale Heat Network

Warm water store



Notting Dale Heat Network

Warm water store



Notting Dale Heat Network

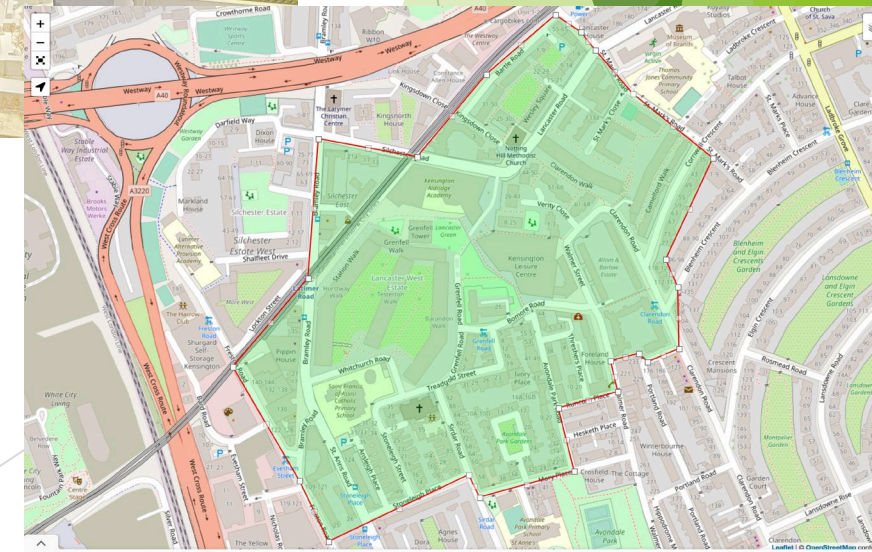
The stakeholders

Who we have spoken to...

- Lancaster West Residents Association
- Grenfell Memorial Commission
- Avondale Park Road residents
- Allom and Barlow Compact
- Silchester Residents Association
- 1,200 residents invited to events
- Over 10 other Resident Association and Grenfell groups were contacted

Who we will speak to next...

- Treadgold House residents (update to their screen design)
- Nottingwood House residents (6 properties have water store in sight line)



Notting Dale Heat Network

Next steps

Phase 1, Lancaster West Renewable Heat Network:

- Resident co-design of renewable energy centres & planning application
- Conclude 2 main procurements, June 2023: preferred contractors selected for DBOM and D&B bids
- Heat Supply Agreements signed, June 2023: heat customers confirmed
- Final Investment Decision, 12 July 2023: appoint contractors to start detailed design & build

Phase 2, expansion into Notting Dale ward:

- Preferred technical option selected: ASHP, electric boiler and renewable heat store (as with Phase 1)
- Potential heat network routes identified: subject to engaging potential heat loads in summer & autumn 2023.
- Delayed stakeholder engagement: to ensure focus on Phase 1 Final Investment Decision and so that we benefit from the strategic relationships being established through the Cross Borough Energy Masterplan

Setting up a local energy company:

- Agreed company Business Plan: Shareholder Committee review on 10 May 2023
- Establish processes and policies to enable 'Notting Dale Heat' to design, build, operate & maintain the Lancaster West renewable heat network

Cross Borough Energy Masterplan:

- Prioritise heat network opportunities in Kensington & Chelsea, and the neighbouring borough of Hammersmith & Fulham.
- Draft report, May 2023. Final report, September 2023.