

Notting Dale Heat Network

Jeff Laidler, Heat Network Programme Manager

Notting Dale Heat Network

A quick recap on actions and progress

Highlights from last quarter:

1. **Stage I tenders evaluated for the two main contracts to deliver the Lancaster West Renewable Heat Network:**
 - **Design, build, operate and maintain (DBOM) contract:** to be let by Notting Dale Heat to design, build, operate and maintain the main heat network, Air Source Heat Pump 1, Renewable Heat Store and Renewable Boiler Room. 3 companies shortlisted. Evaluation panel included 3 residents. High-quality bids received, with competitive prices.
 - **Design and Build (D&B) of secondary and tertiary heat networks in homes and blocks.** Same process is being repeated, with the aim of shortlisting 3 companies. Residents helping evaluate the bids. High-quality bids received, with competitive prices.
2. **UKPN and power upgrades:** Lancaster West residents suffered a 20-hour power cut in early December 2022. As a gesture of goodwill UKPN has agreed to:
 - Honour the existing electrical power upgrade quotes of £1.7 million for the Renewable Boiler Room and £125,000 for Kensington Leisure Centre, which were time expired and likely to increase.
 - Extend both of these quotes by 6 months to 30 June 2023 to create budget certainty for ahead of Final Investment Decision.

Notting Dale Heat Network

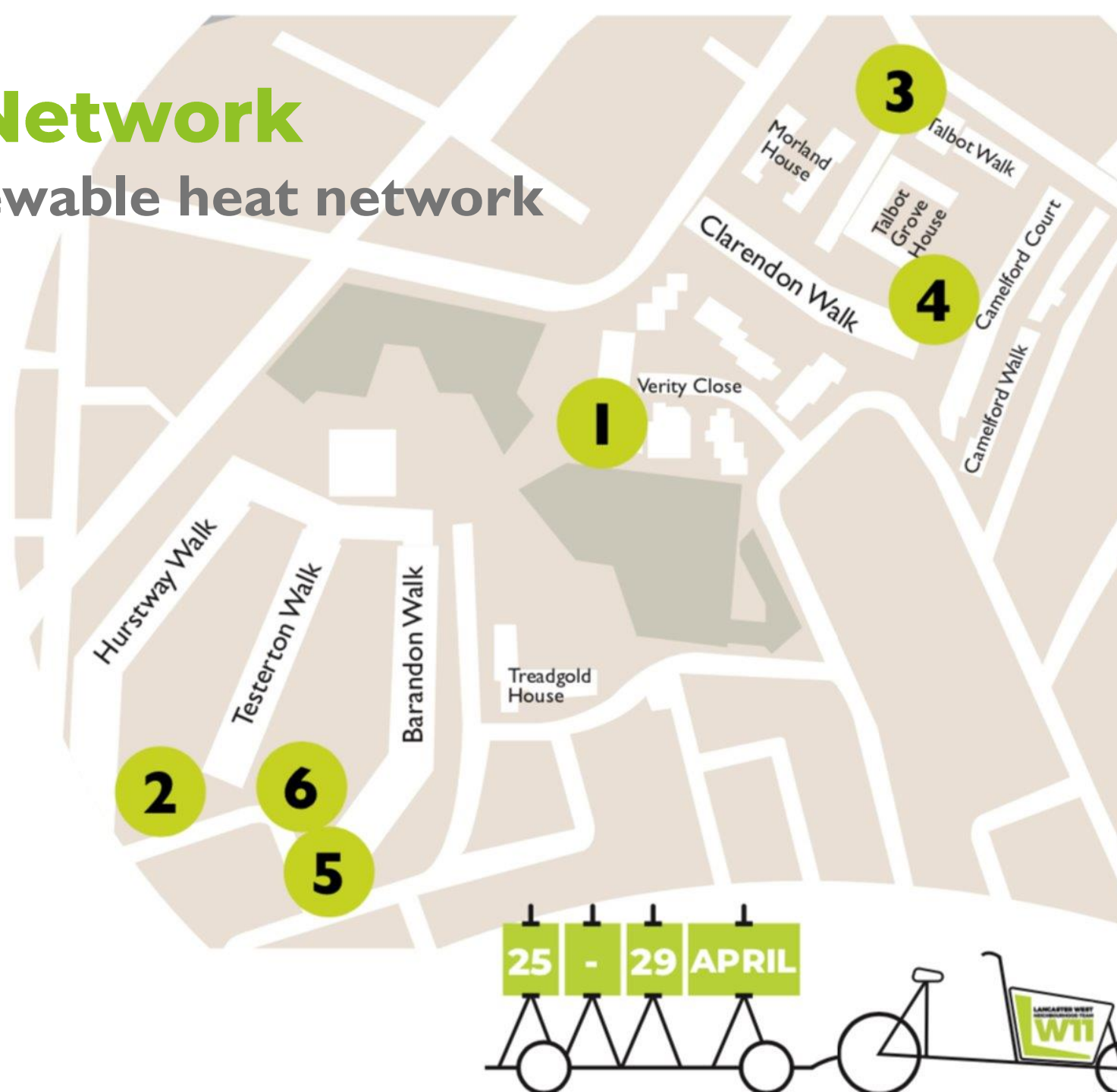
Resident preferences – renewable heat network

Estate wide roadshow

- 4 days
- 150 residents saw us on site
- 46 left comments

Resident comments

- Like the Moroccan feel of the Manchester design.
- Easy maintenance and good building longevity important.
- Want to see more green space and places for children to play.
- A building with low embodied energy is preferred.
- Save engagement until concept design is available



Public consultation

Energy centre design and locations



Co-designed energy centre concepts

Tonkin Liu concepts

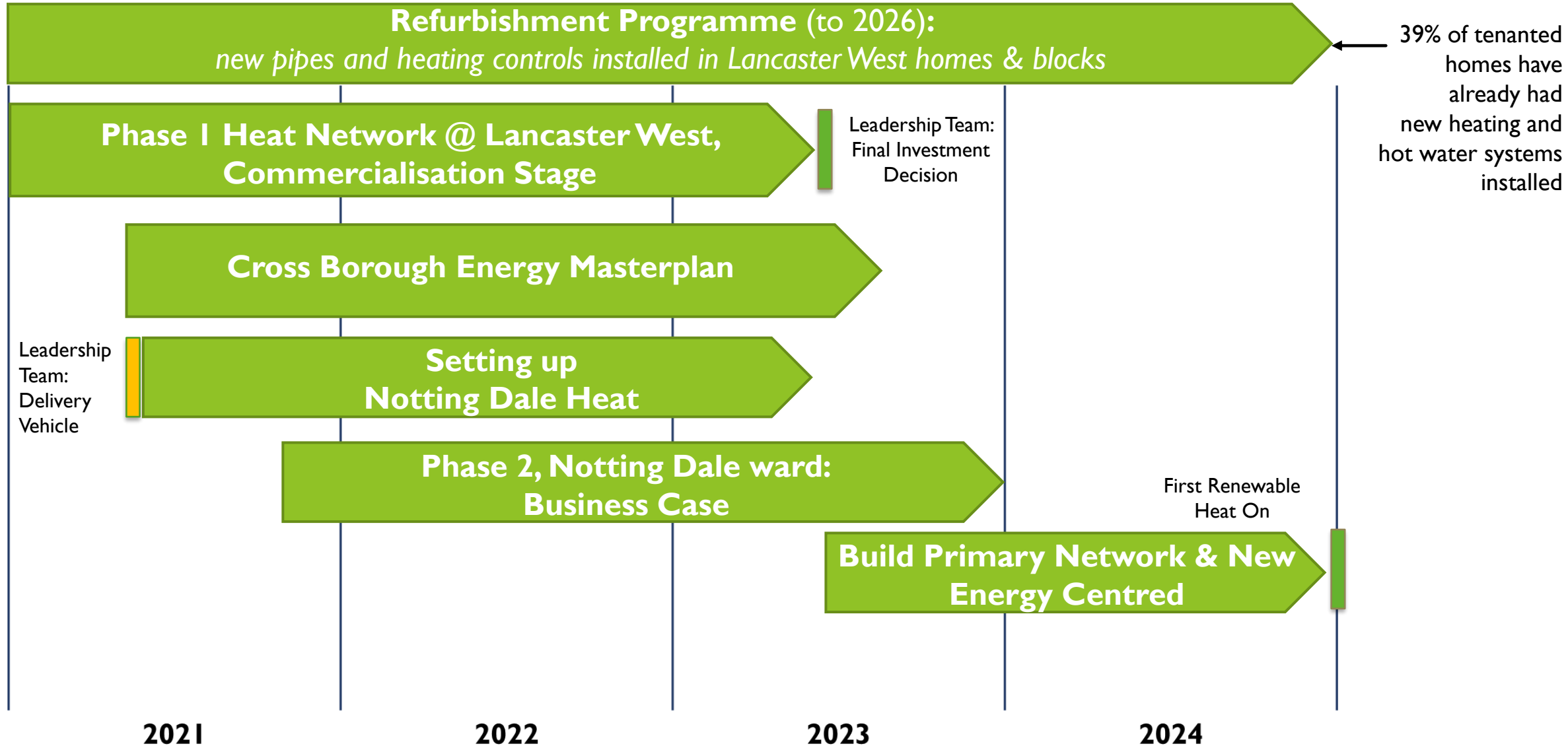


Renewable Boiler Room



Renewable Heat Store

When will it happen?



Notting Dale Heat

The local energy company

- **2 Council Board Members in place:** Terry Oliver & Liam McCusker
- **2 Resident Board Members:** which is a UK first for Council-owned local energy company. As potential heat network customers, Susan Al-Safadi & Daniel Chin ensure customers' opinions influence key heat network decisions. LWRA provides resident representation as an 'Observer.'
- **2 Industry Board Members:** Faisal Butt & Heidi Hellmann. Faisal has a background in housing and customer service, with plenty of Board experience. Heidi has a background in the energy industry and sustainability, and is an experienced senior executive who lives locally. As with the two Resident Board Members, they're part-time paid roles with a fee of £2,000 per year
- **Next Shareholder Committee meeting:** 15 February 2023



Notting Dale Heat Non-Executive Board

In 2022 a board was appointed to oversee management of Notting Dale Heat. The non-executive board includes two Council Officers, two independent professionals, and two future customers of Lancaster West, Phase 1 of the Notting Dale heat network.

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Next steps

Phase 1, Lancaster West Renewable Heat Network:

- Resident co-design of renewable energy centres & planning application
- Conclude 2 main procurements, May 2023: preferred contractors selected for DBOM and D&B bids
- Heat Supply Agreements signed, April 2023: heat customers confirmed
- Final Investment Decision, 9 June 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 2023.
- Delayed stakeholder engagement: to ensure focus on Phase 1 Final Investment Decision and to benefit from strategic relationships established through the Cross Borough Energy Masterplan

Setting up a local energy company:

- Finalise company Business Plan: with approval by company Board and Shareholder Committee, Feb 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, April 2023. Final report, summer 2023.

Phase 2, Notting Dale Ward:

Potential heat
network routes

