

Refurbishment Programme Board

Notting Dale Heat Network

11 October 2022

Jeff Laidler, Heat Network Programme Manager

Notting Dale Heat Network

A quick recap on actions and progress

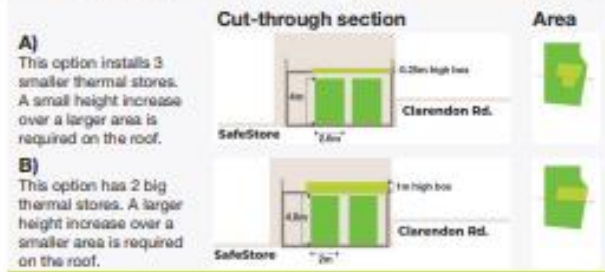
Highlights from last quarter:

1. **Heat Network Poll:** 84% of residents support the new heat network (49 residents, poll now relaunched)
2. **Section 20 Leaseholder Consultation:** Notification of Intent issued, September 2022
3. **Tender packs issued 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 for construction, operation and maintenance of the Primary Network, Air Source Heat Pump 1, the Renewable Heat Store and the Renewable Boiler Room.
 - Design and Build (D&B) of secondary and tertiary heat networks in homes and blocks.
4. **Tonkin Liu chosen as architects:** to co-design with residents the appearance of the Lancaster West Renewable Heat Network.
5. **Pre-application site visit with RBKC Planners, 26 September 2022:** gained initial thoughts on the planning application. Resident co-design and wider stakeholder engagement to follow.

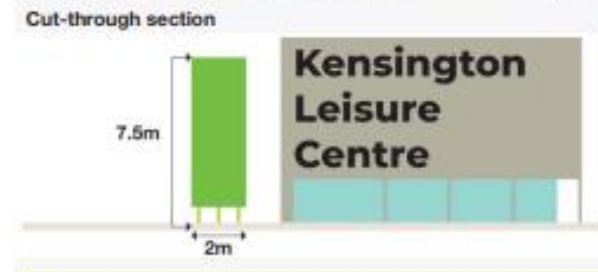
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Resident Preferences - Site

Option 1 Camelford Walk



Option 2 Kensington Leisure Centre



50% 'don't mind' where heat store is located

27% liked internal to leisure centre (7 people)

23% liked external to leisure centre (6 people)

Notting Dale Heat Network

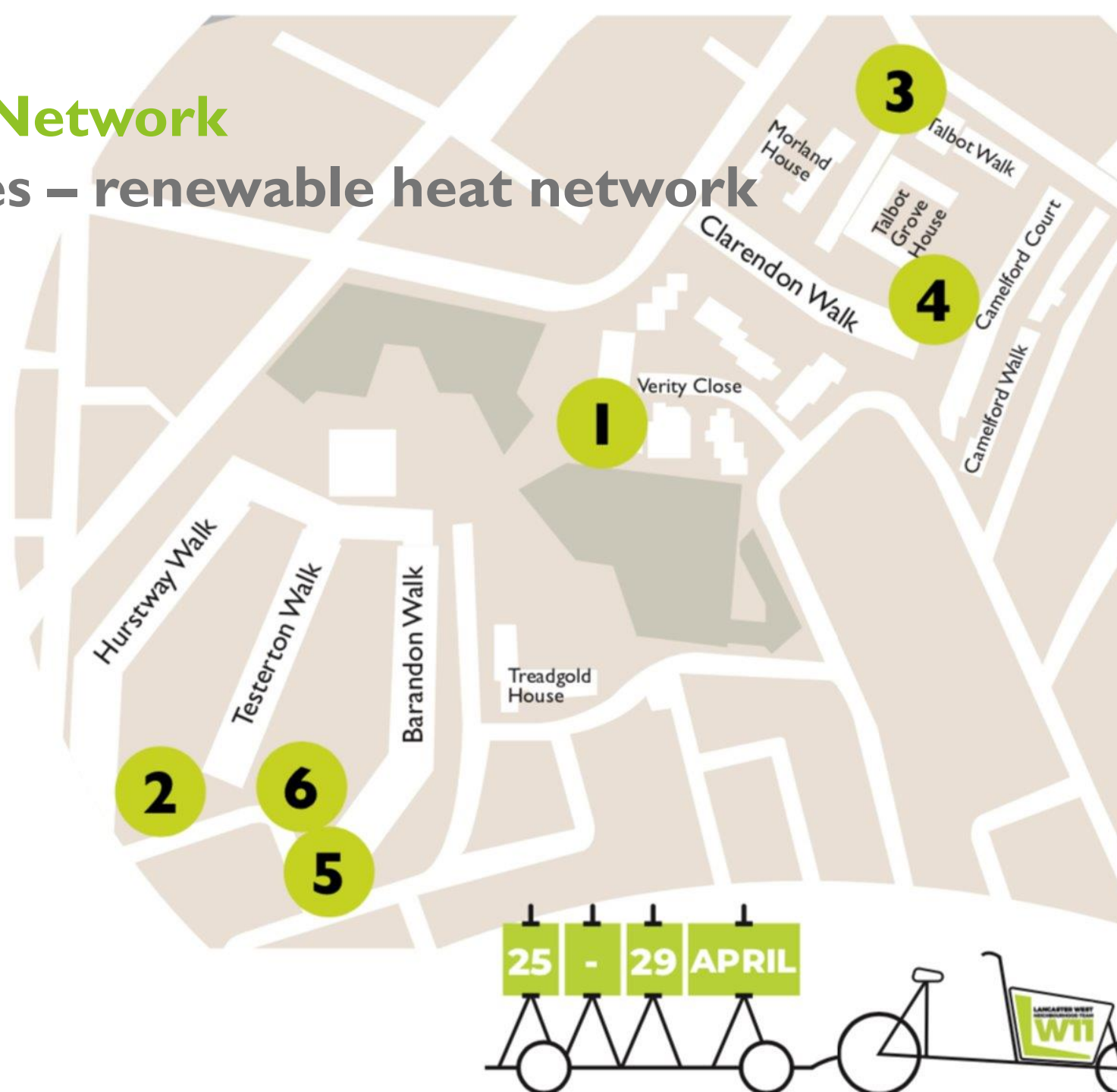
Resident preferences – renewable heat network

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



Notting Dale Heat Network

Resident preferences – renewable energy centres

1st /2nd preference (22%)



Manchester

3/4th preference (17%)



Liverpool



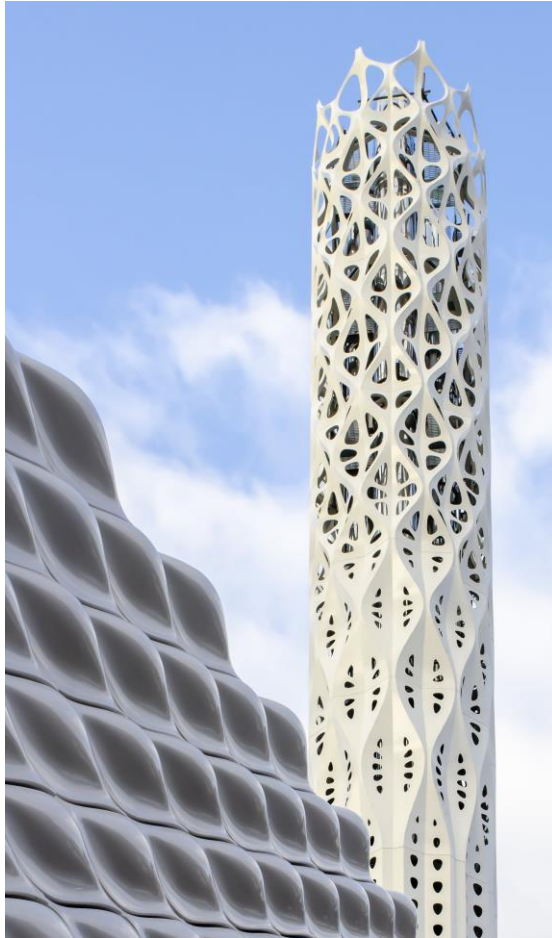
Leeds



Copenhagen

Notting Dale Heat Network

Co-designing the renewable energy centres



Architect selection

Panel LWNT and LWRA.

Shortlisting UK experience in energy centre design

Tender Entrants marked on 3 criteria, co-design statement (20%), technical carbon reduction (20%) and design (40%).

Next Steps

August Architect – **Tonkin Liu** appointed

October Key stakeholder meetings

November LWE Co-design workshops

November Public events

December Design completion

TBC Final design engagement

Notting Dale Heat Network

Engaging our neighbours



Engagement objectives

Introduce Notting Dale Heat

Share general information on renewable heat network

Gain resident feedback on energy centre designs

Inform upcoming planning application and construction plans

Refining site selection...

Looking at central public space, suitable for the renewable heat store with local residents

Lancaster West Renewable Boiler Room

Early concept included in Tonkin Liu's bid



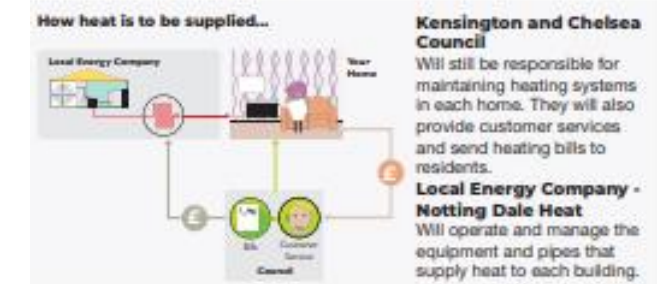
Notting Dale Heat

The local energy company

- 2 Council Board Members in place: Terry Oliver & Liam McCusker
- Appointed 2 Resident Board Members: Susan Al-Safadi & Daniel Chin. Continues resident co-design. Ensures customers' opinions influence key heat network decisions.
- Currently recruiting 2 Industry Board Members: as with the two Resident Board Members, they're part-time paid roles
- First Shareholder Committee meeting: 18 July 2022 at Baseline Studios

Notting Dale Heat

'Notting Dale Heat' is the new local energy company, which is 100% owned by the Council. It has been set up to supply heating and hot water to Lancaster West Estate.



Notting Dale Heat's responsibilities

1. Keep the machinery and pipework for heat delivery working well
2. Manage the company income and budget
3. Attract heat network professionals to deliver excellent customer service

How will the heat network be managed?

Notting Dale Heat will have its own budget and be overseen by a management board. The board will include two residents. The board can make operational decisions independently, to ensure smooth day-to-day running of the heat network.

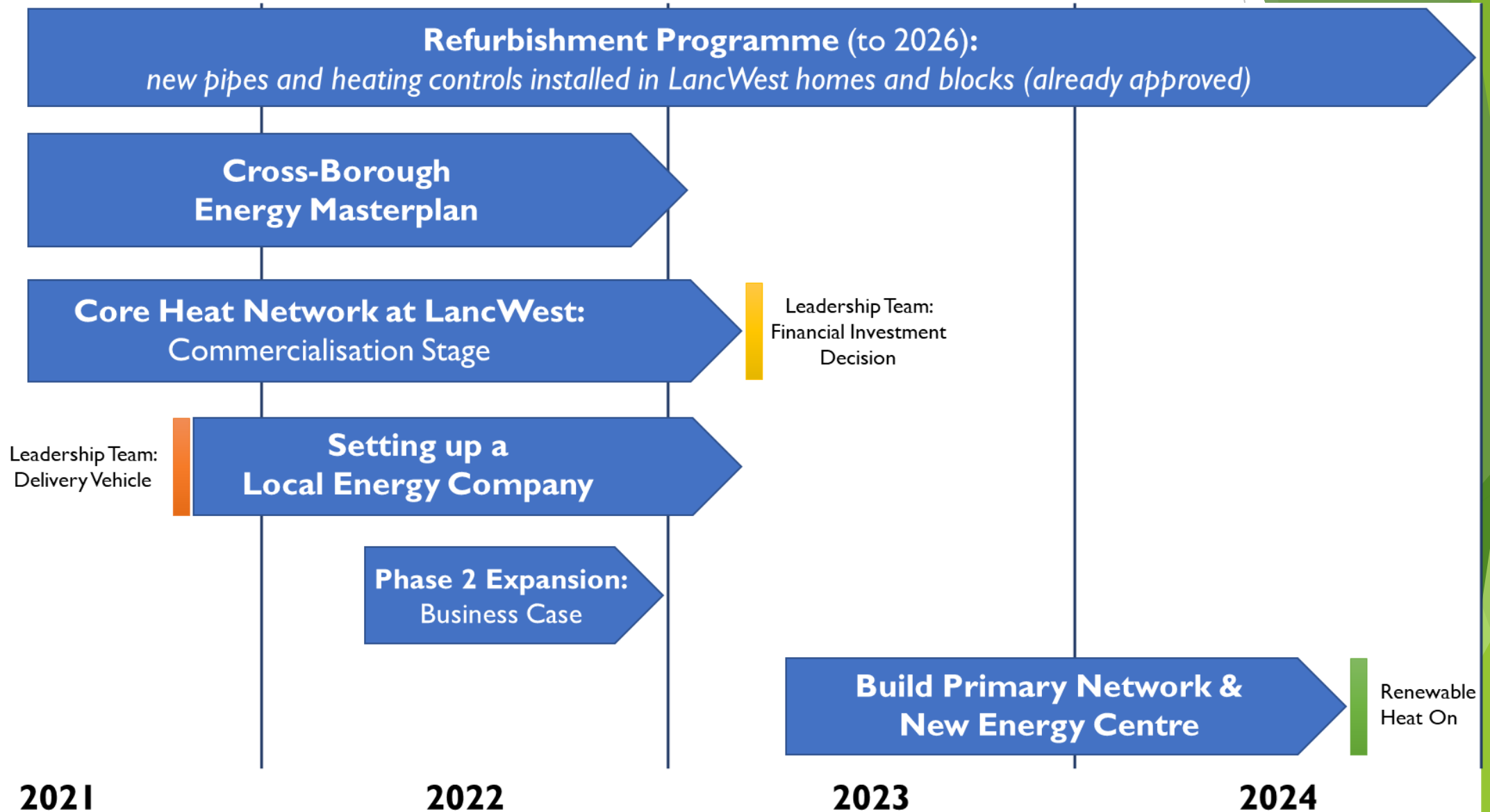
A Shareholder Committee will provide strategic oversight of the Notting Dale Heat Network. The Shareholder Committee will be a public meeting.



Who will Notting Dale Heat supply?

All homes at Lancaster West Estate, Kensington Leisure Centre, Kensington Aldridge Academy and Baseline Studios. Future phases will include adjacent social housing.

Timeline: what comes next?



Notting Dale Heat Network

Next steps

Phase 1, Lancaster West Renewable Heat Network:

- Resident Evaluator training: date tbc
- Resident co-design of renewable energy centres & planning application
- 2 main procurements launched, early Autumn 2022
- Heat Supply Agreements finalised
- Final Investment Decision, March 2023: able to appoint contractors to start detailed design and construction

Phase 2, expansion into Notting Dale ward:

- Outline Business Case completed and submitted to Leadership Team for approval

Setting up a local energy company:

- Finalise company Business Plan: with approval by company Board, Shareholder Committee and Leadership Team
- Establish processes and policies to enable 'Notting Dale Heat' to design, build, operate and maintain the Phase 1 heat network

Cross Borough Energy Masterplan:

- Kick-start new workstream: with consultancy appointed via mini-competition