

Woodberry Down

EC & DHN Update

Introduction

Working on behalf of residents we were asked to:

- Review proposals for CHP and the district heating network.
- Advise on the best way to protect community interests and to provide affordable, reliable and low carbon heat.



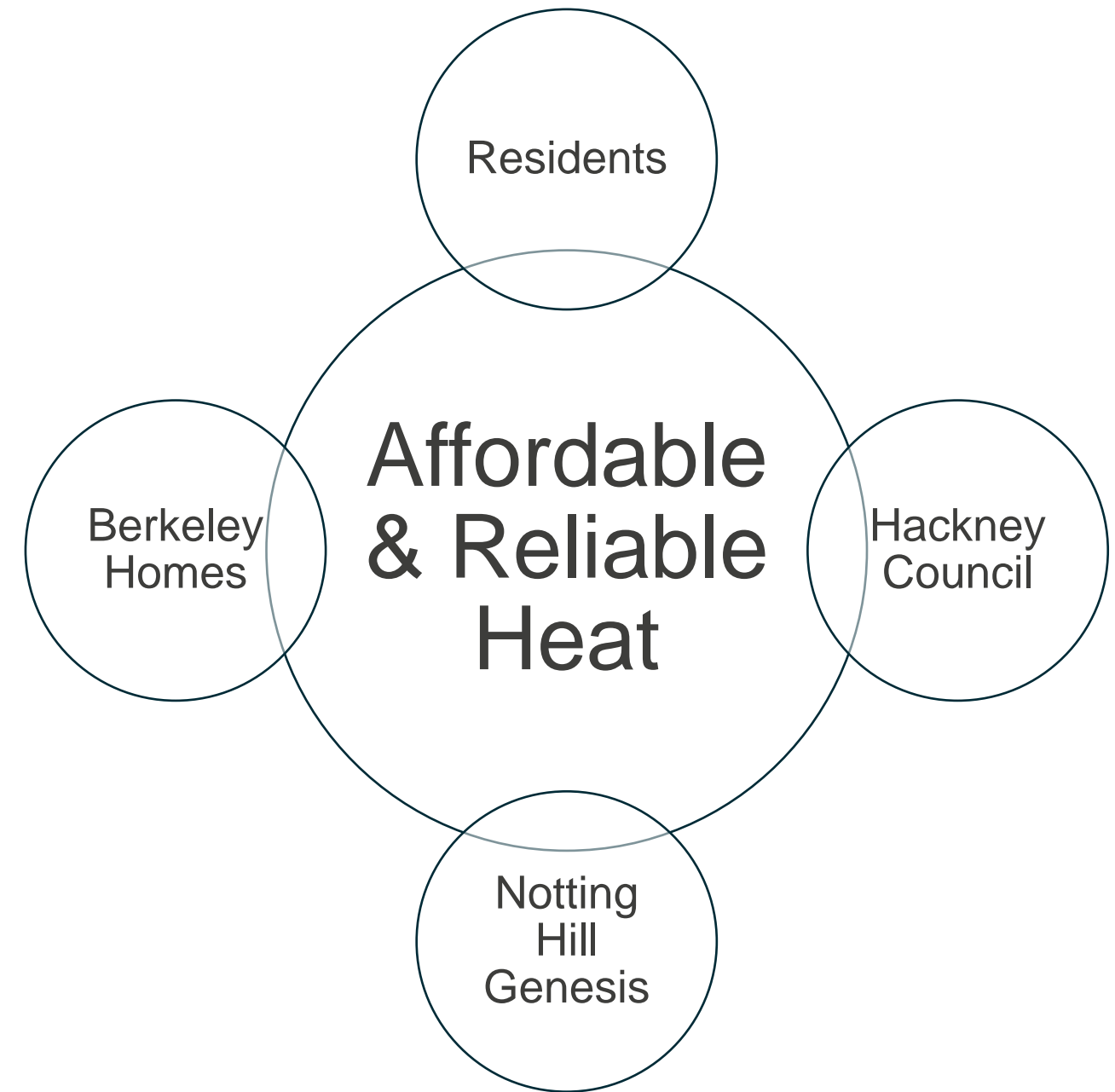
Resident Concerns

- Reliability of heat.
- Affordability.
- Billing problems.
- Overheating.
- Poorly designed and installed.
- Nervous about future district heating network.



Shared Stakeholder Values

- Affordable and reliable heat confirmed as key priorities.
- Traditional Energy Service Company (ESCO) not fit for purpose.
- All parties interested in rethinking how the heat network would be run.



Community Interest Company (CIC)

- Set up to benefit the community rather than private shareholders.
- Reinvests profits for the interest of the community.
- Hackney Council and Berkeley Homes joint shareholders.
- Resident representation and Notting Hill Genesis on governance board.
- Specialist technical and commercial advisers and operations team.

Shareholders

Governance Board

Operations Team

Design &
Build

Operations &
Management

Metering &
Billing

Objectives of the CIC

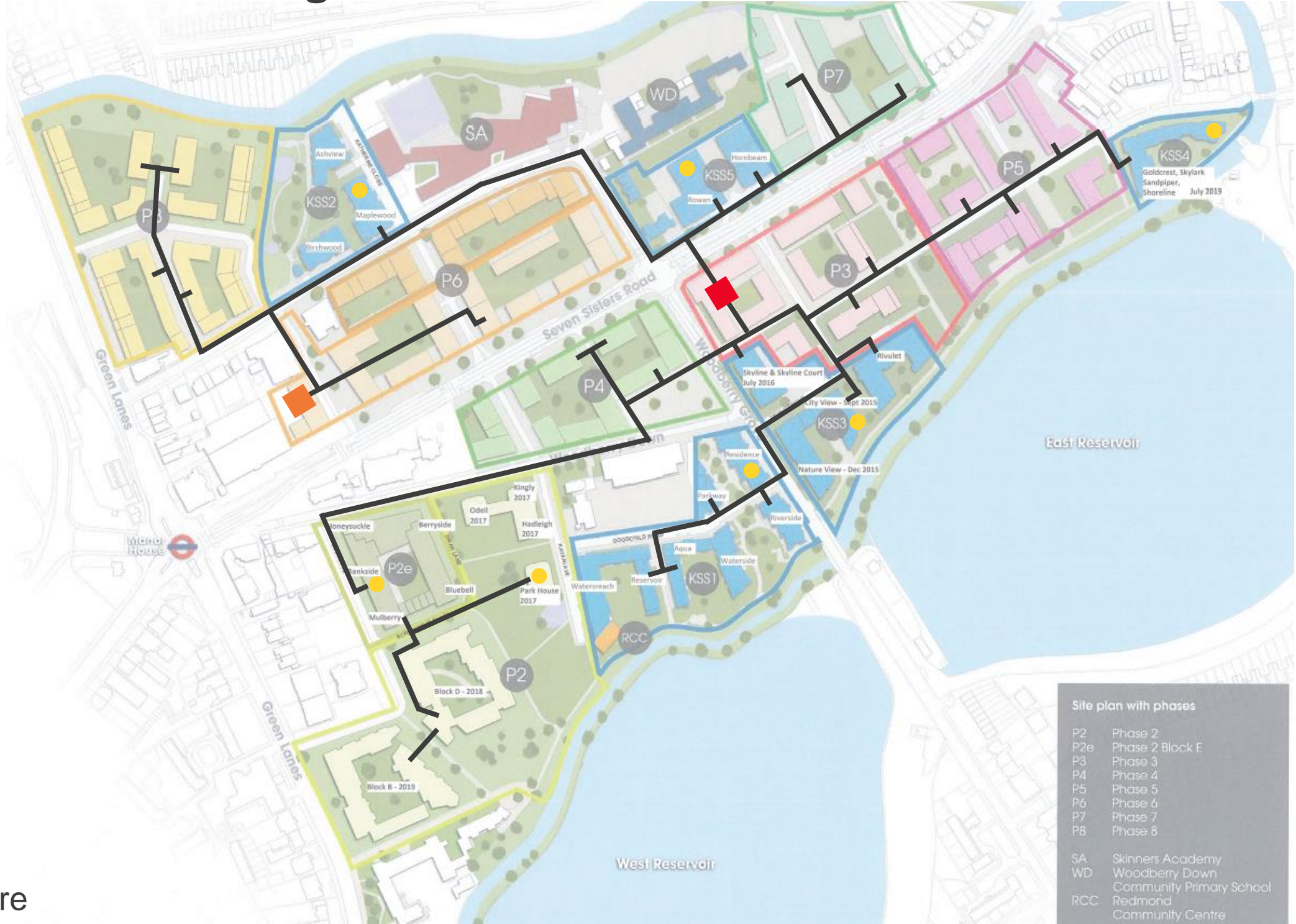
1. To provide reliable and affordable heat to the residents of Woodberry Down.
2. To support the decarbonisation of heat and meeting of low carbon policy.
3. To investigate opportunities that would provide a better value service to residents.

Update on Energy Centre and District Heating Network

Update on Energy Centre and District Heating Network

Original energy strategy

- District heating pipework
- Existing CHP / boilers
- District heating energy centre
- Possible 2nd district heating energy centre



Update on Energy Centre and District Heating Network

What's changed?

- Lower carbon electricity following increased use of renewables and reduced use of coal.
- Investment in renewable energy set to continue.
- Shift away from CHP and gas towards lower carbon electric heating.
- Change in planning policy.



Update on Energy Centre and District Heating Network

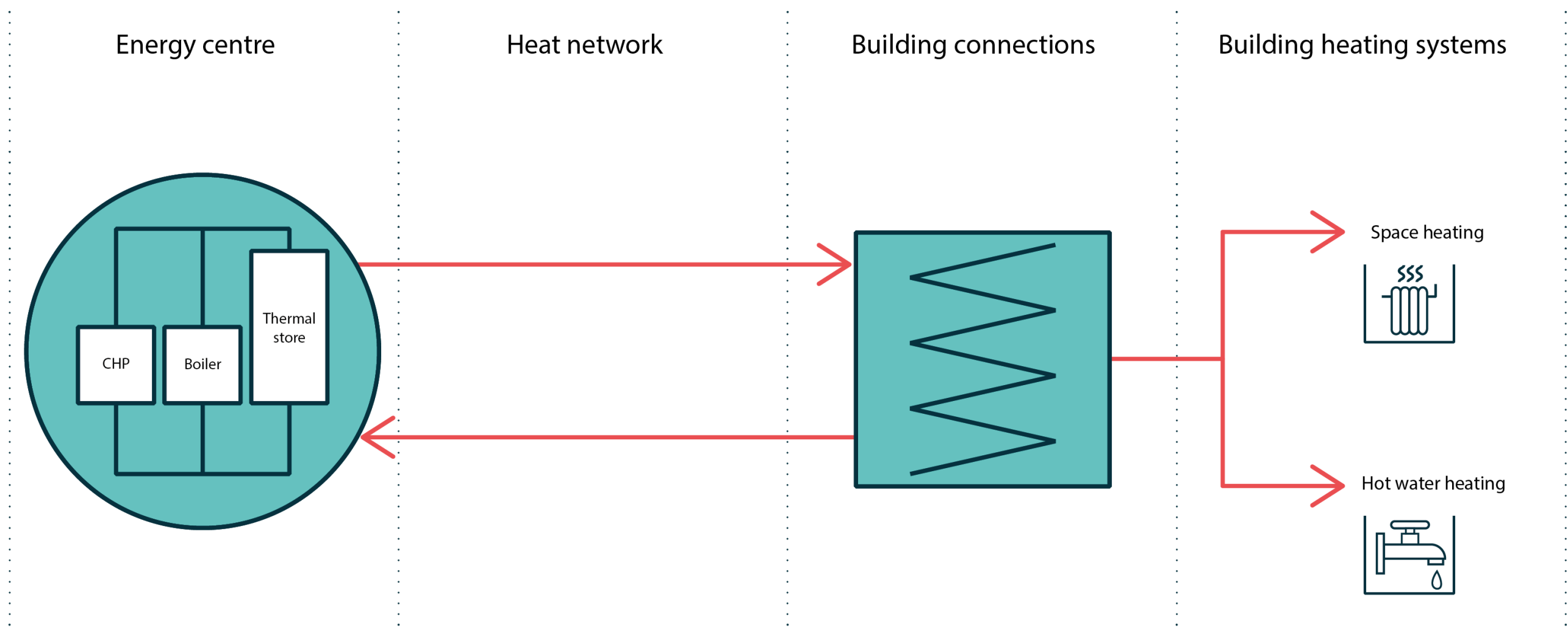
What does this mean for Woodberry Down?

- High carbon gas-CHP switched for low carbon electric heat pump.
- Heat pumps extract heat from air, water, ground or waste heat and raise it to a higher more useful temperature.
- Heat pumps use electricity but less than the heat they provide.
- The heat source is generally free and renewable.
- They directly benefit from lower carbon electricity grid.



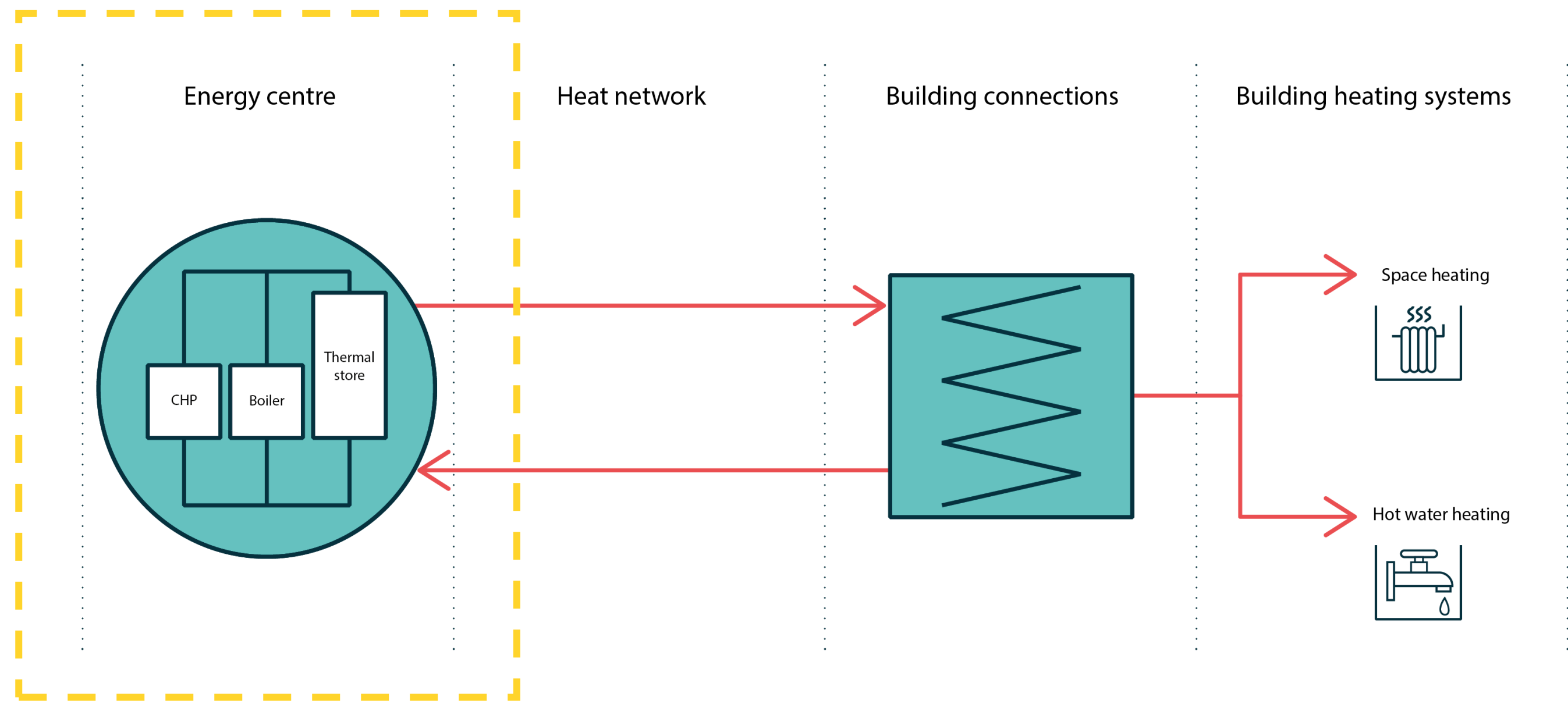
Update on Energy Centre and District Heating Network

Implications for the network



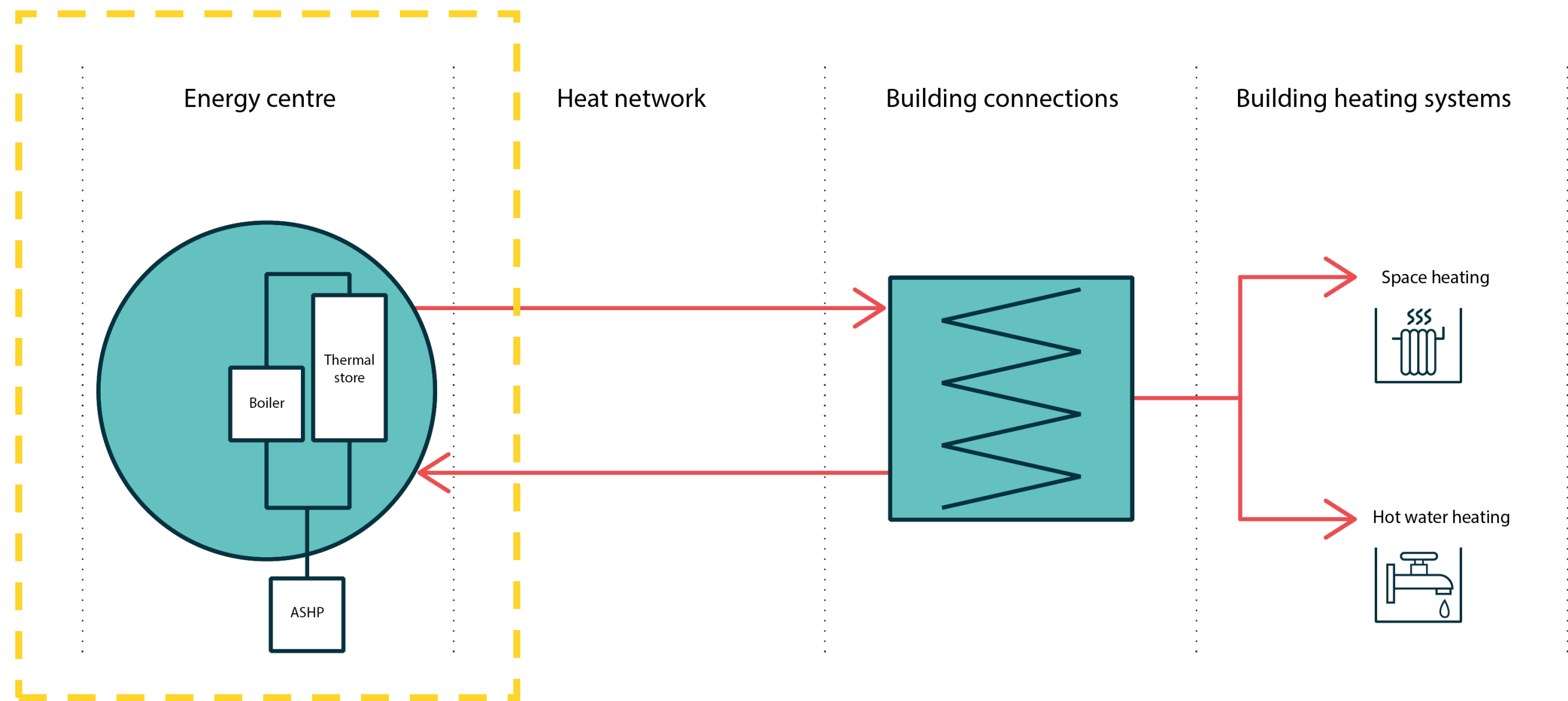
Update on Energy Centre and District Heating Network

Implications for the network



Update on Energy Centre and District Heating Network

Implications for the network





Thank you.

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