District Heating in Halifax

Ben Adey-Johnson

Power Calderdale 3rd May 2017









An introduction to Arup











Over 13,000 people in more than 90 offices across 40 countries

Global presence ARUP

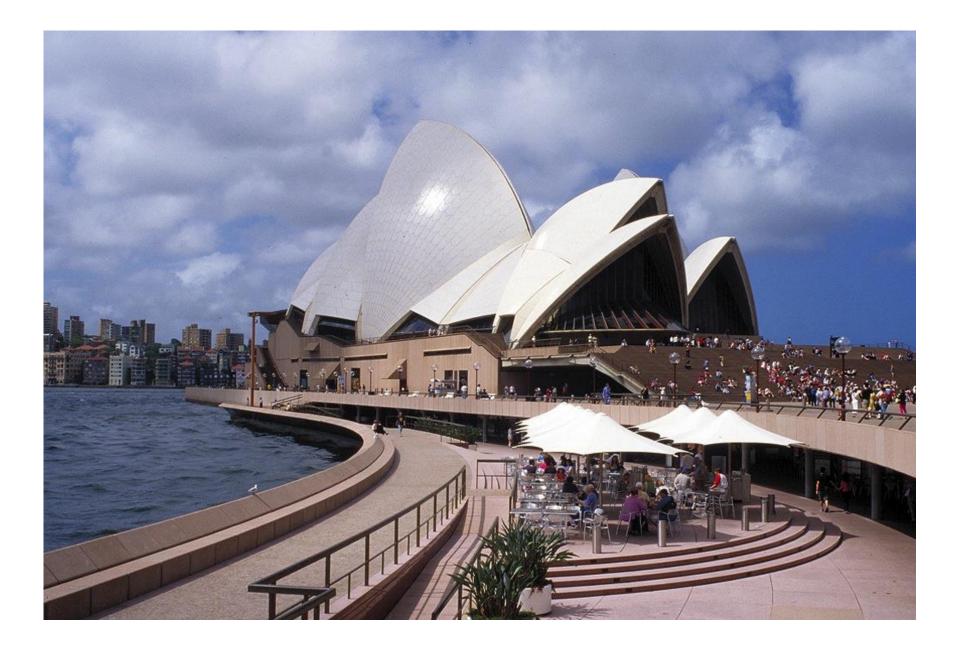
Arup in Yorkshire & the North West

700+ people

Located across six offices

Connected to a worldwide network













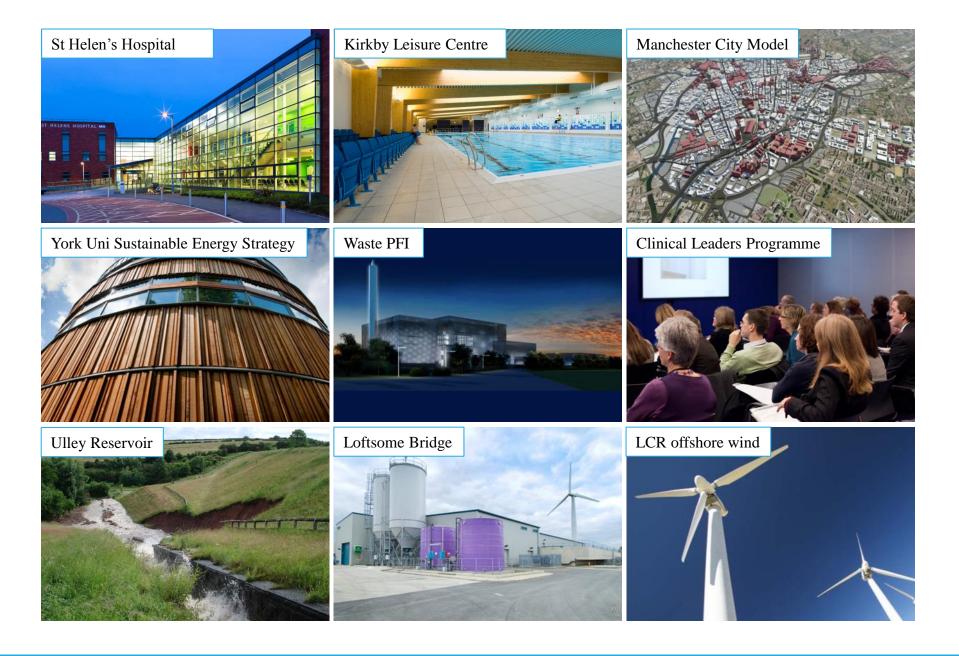
















World Energy Council

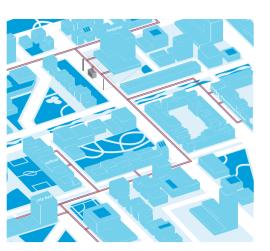
Perspective input into the World Energy Council Scenarios: "Innovating Urban Energy"

Project Partner - Arup



October 2016

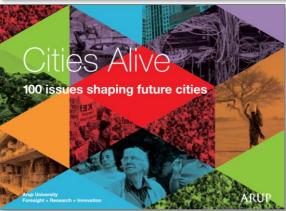
ARUP

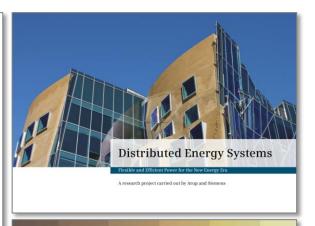


DISTRICT HEATING MANUAL FOR LONDON

MAYOR OF LONDON









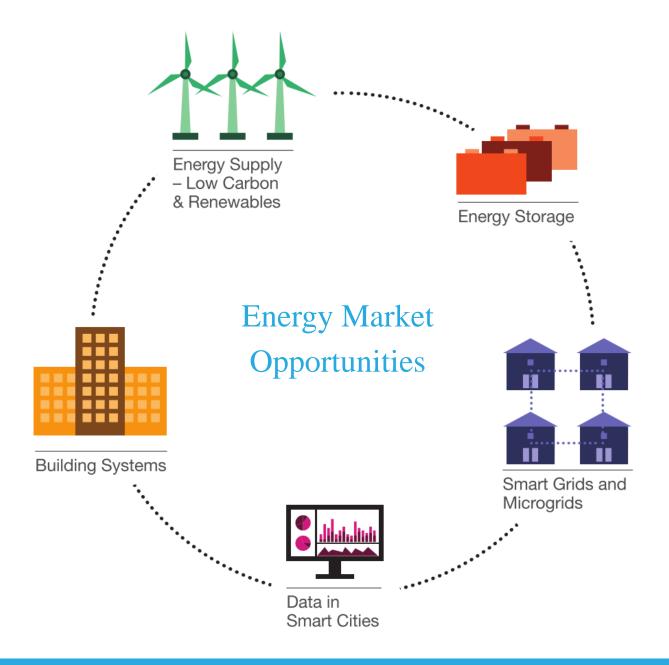


Our ambition is to shape a better world. That is why we strive to go further than just delivering the most high quality creative work for our clients. We also aim to leave a lasting and sustainable legacy for the future.

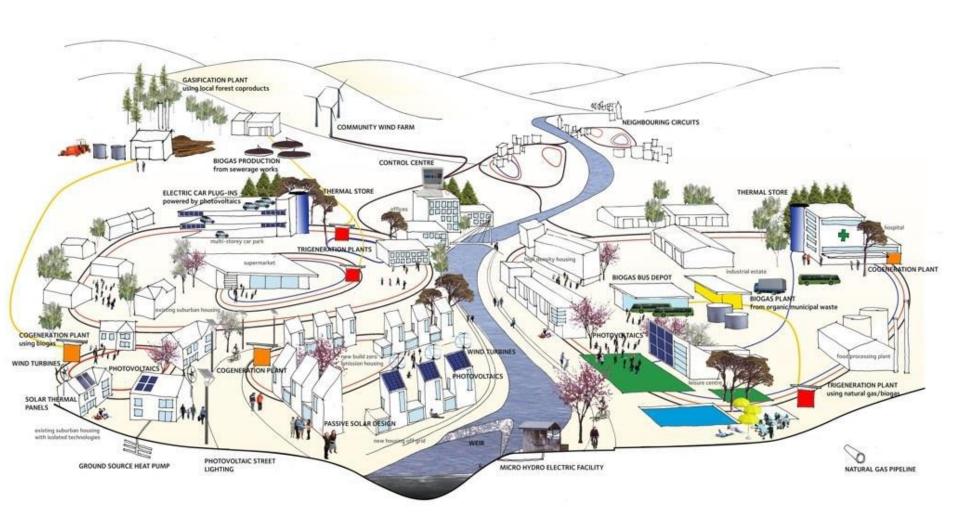
District Heating

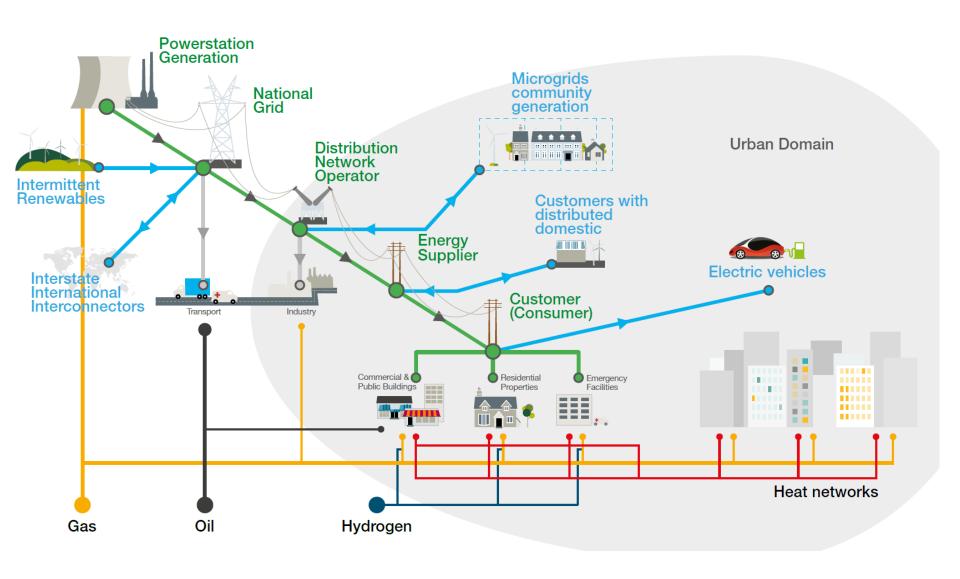




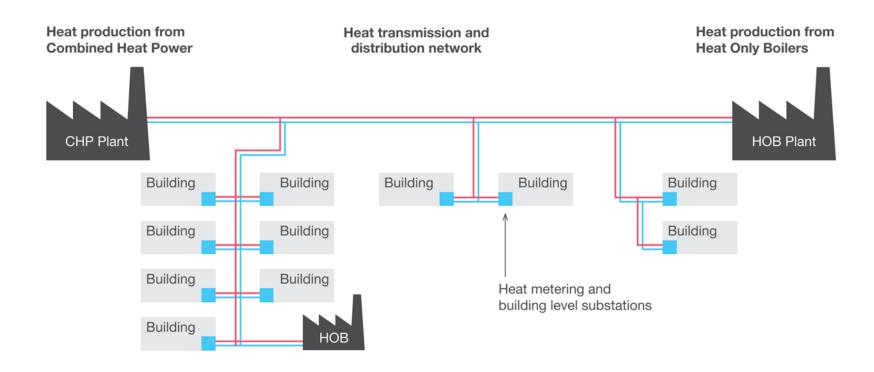


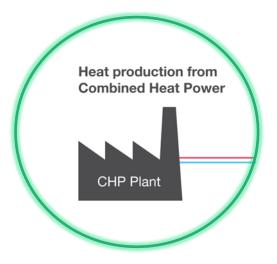
Integrated community





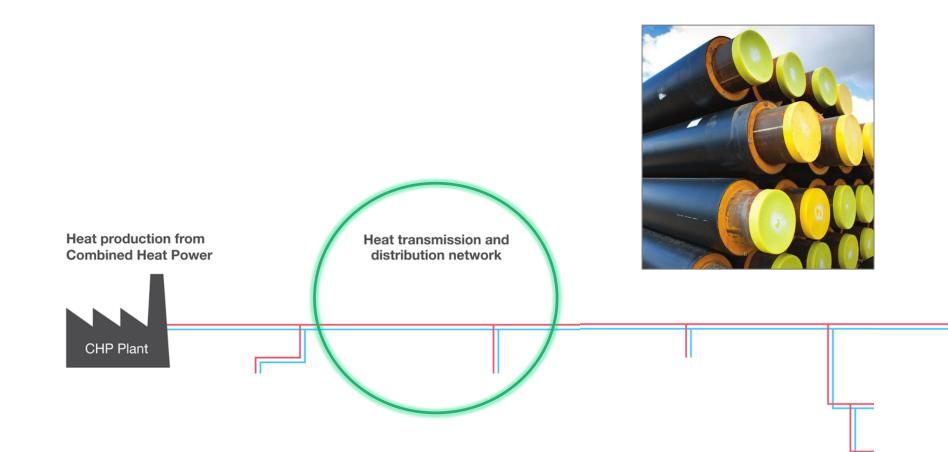
Supply of heat from a central heat source via a network of pipes carrying hot water to heat consumers.

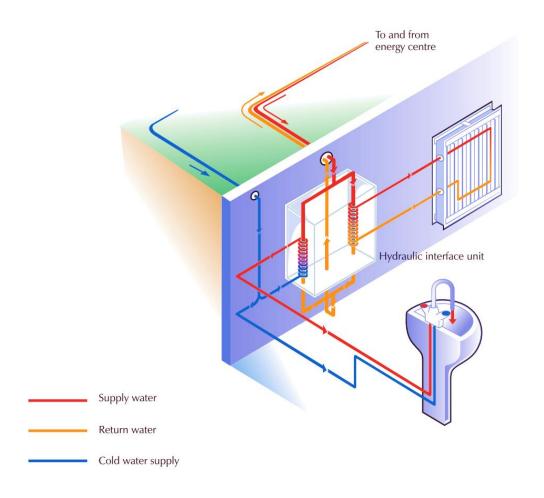


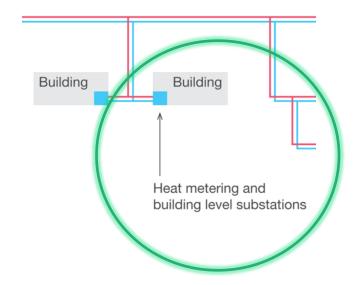


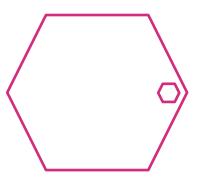


University of Liverpool Energy Centre

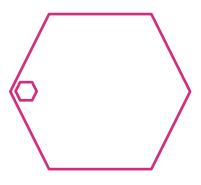


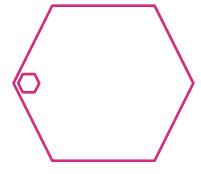


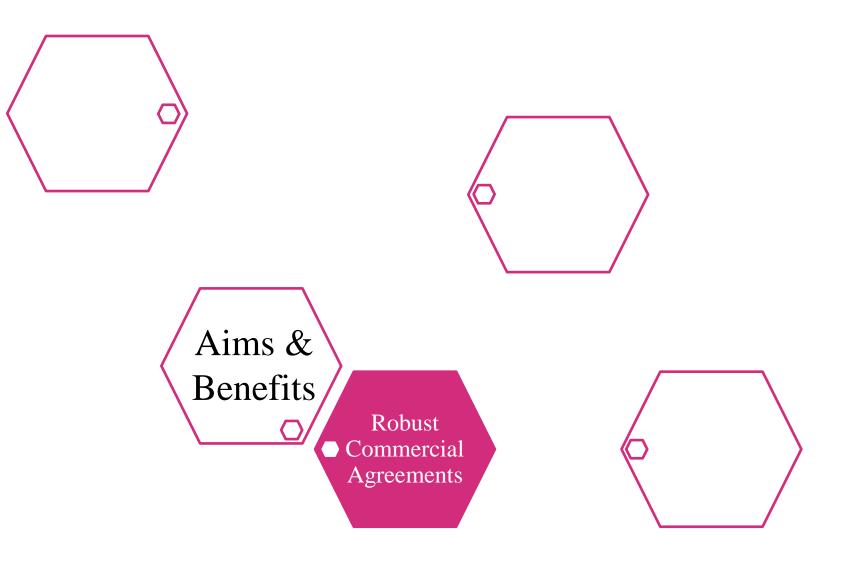














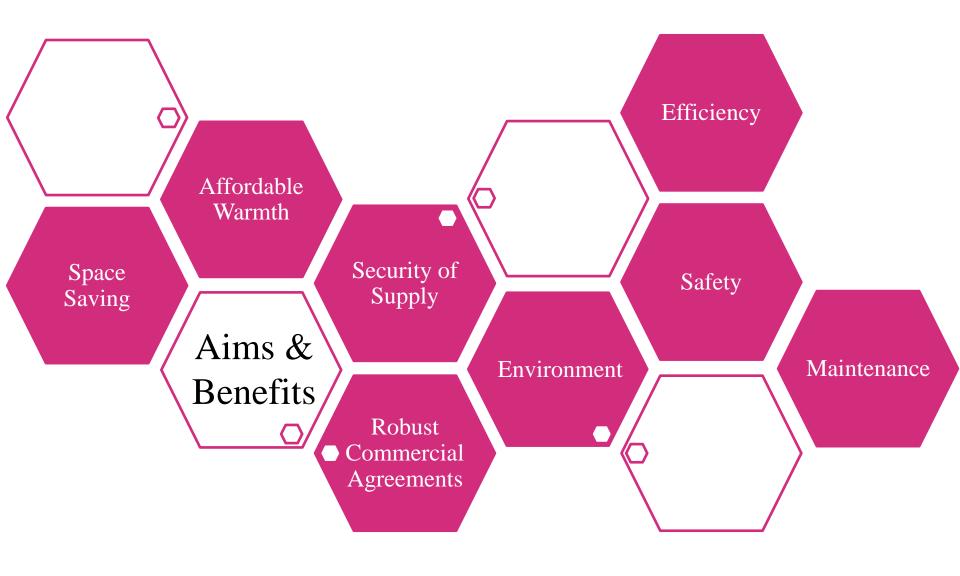


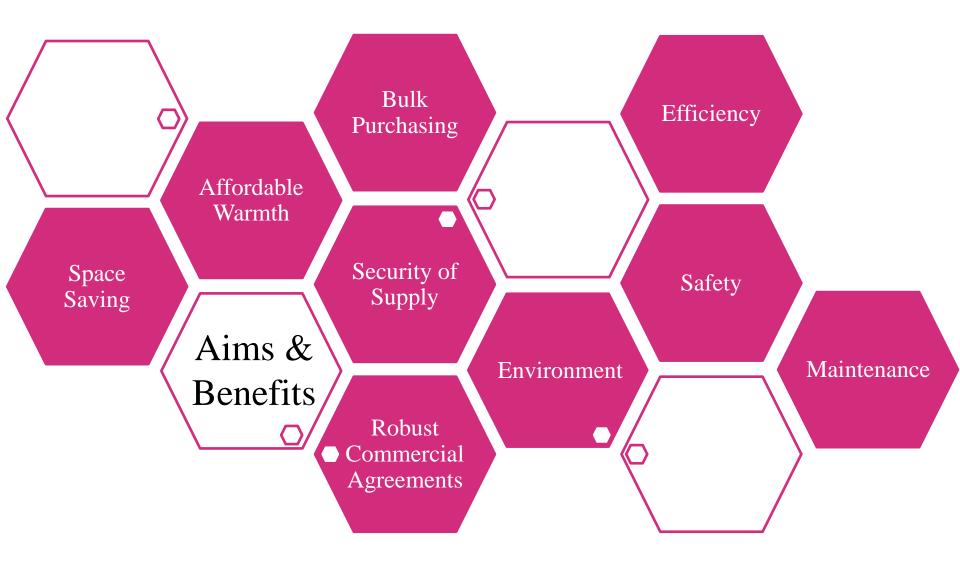














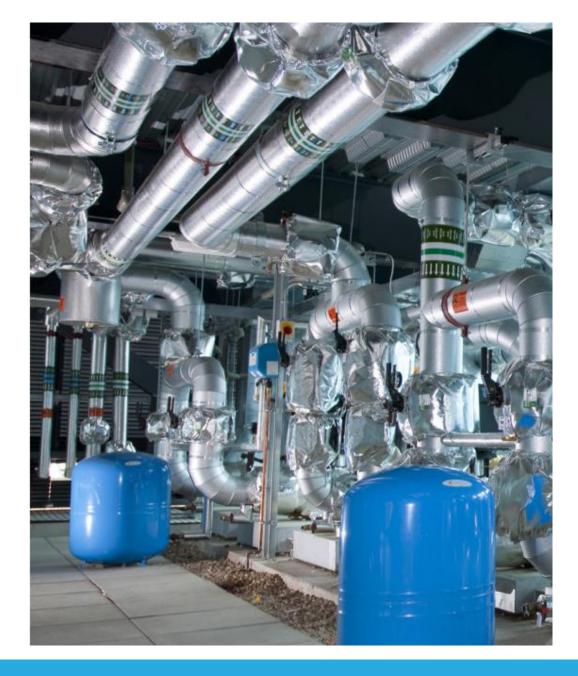




UK Networks:

- Stratford City
- Olympic Park
- Kings Cross
- Battersea
- Islington
- Manchester
- Aberdeen
- Gateshead
- Nottingham
- Leeds

and many more





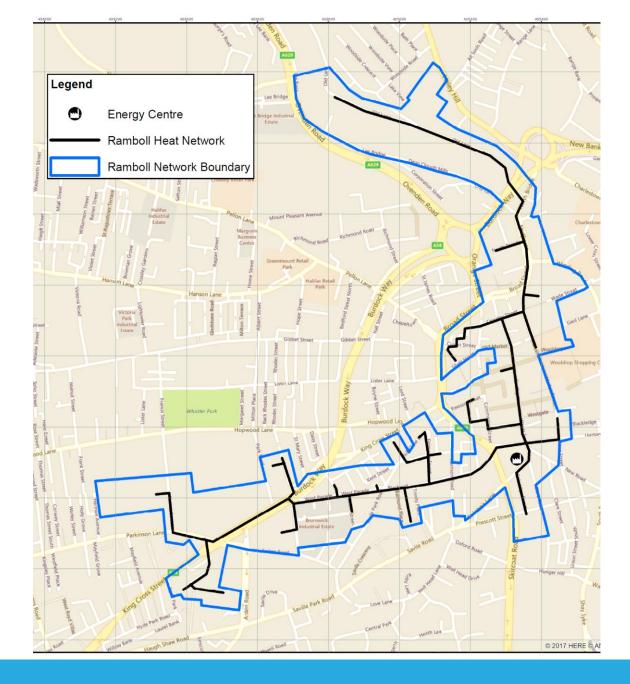


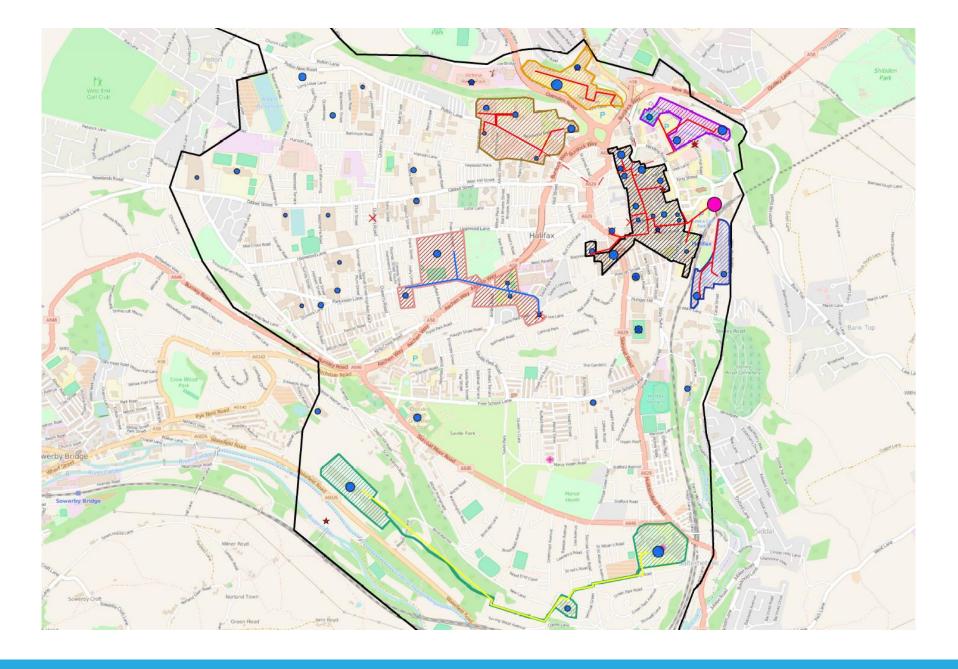


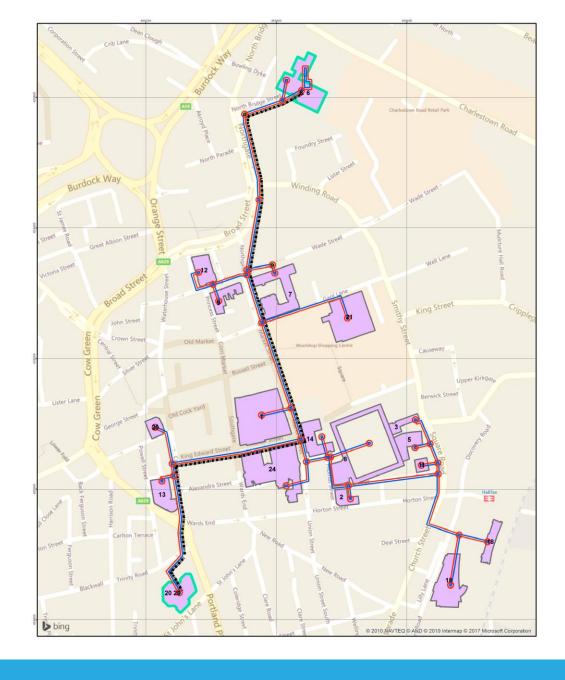




Halifax Heat Network







Thank you

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