

Our approach

Sustainable Society consultant

We partner with our clients to create sustainable societies where people and nature flourish, delivering enduring structures, resource-efficient solutions and socially cohesive communities for today and tomorrow.

Multi-disciplinary services

Bringing together expertise from across our business, we bring a multitude of experience to deliver on the climate imperative and create value and long term performance.

Innovation

Our ability to develop and combine knowledge and technology and utilise it in new and different ways, creates synergies and dynamics and better results for our clients.

Buildings



Kings Cross Central – design & engineering across 15 sites

Environment & Health



Network Rail – sustainability advice

Energy



Clyde Gateway - regen scheme energy strategy

Transport



Dún Laoghaire-Rathdown County Ireland – active travel post Covid19

Geographical footprint



Energy

- 50 years of experience in planning, design and implementation of energy solutions
- Expertise on full spectrum of technologies
- 15% of Group revenue
- 1,600 energy specialists
- 64 offices in 15 countries



District energy

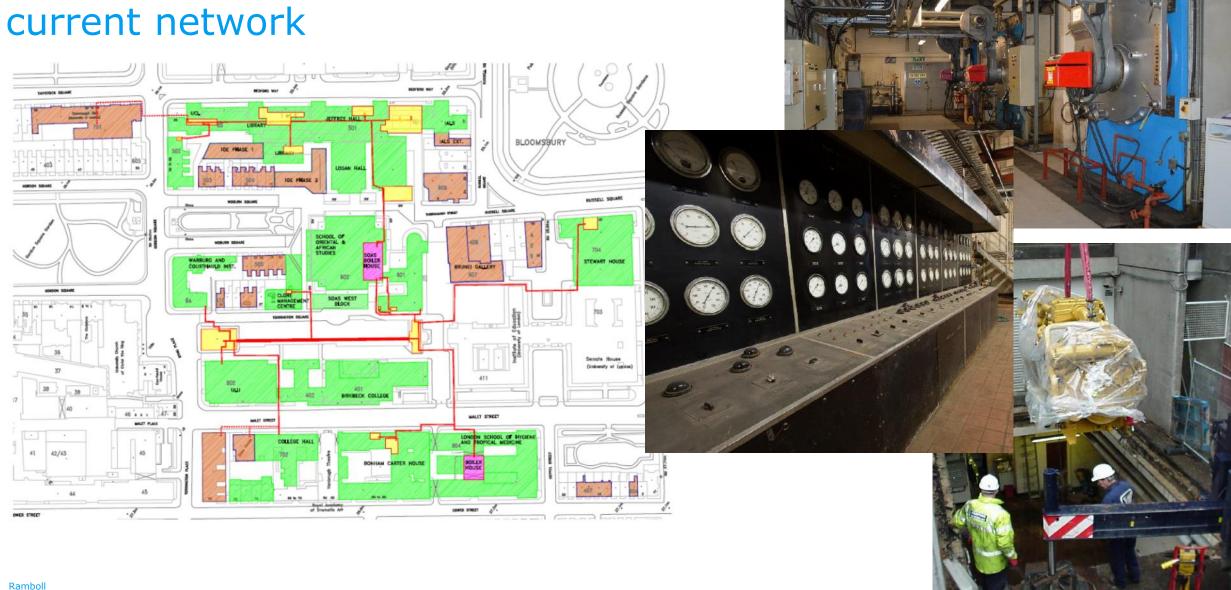


Bloomsbury Heat and Power Refurbishment

- The Bloomsbury Heat and Power Consortium (BHPC): University of London (UoL) and three of its independent institutions School of Oriental and African Studies (SOAS), Birkbeck and University College London (UCL). Formed in 1996 to oversee the development of heat and power infrastructure across the southern half of the Bloomsbury campus in central London.
- Aged plant including 50 year old gas and oilfired boilers and distribution pipework some of which is over 80 years old.
- 4.45 MW projected peak heat demand.
- Net Zero commitments

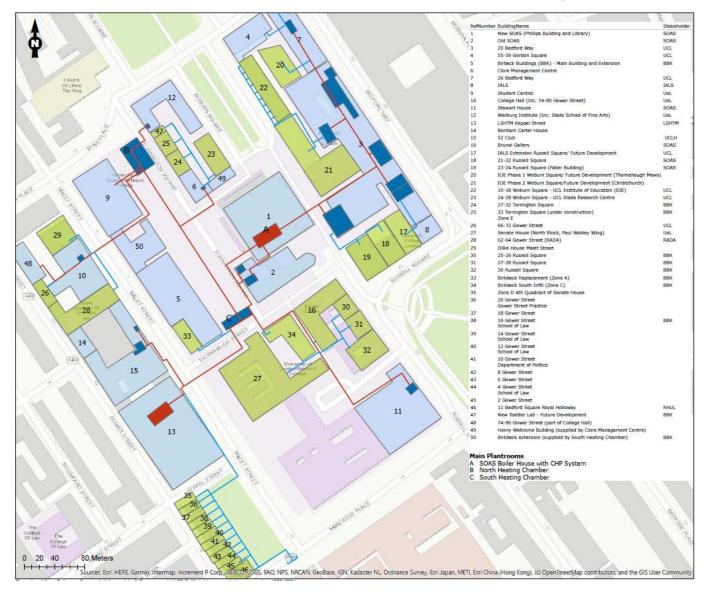


Bloomsbury Heat and Power –

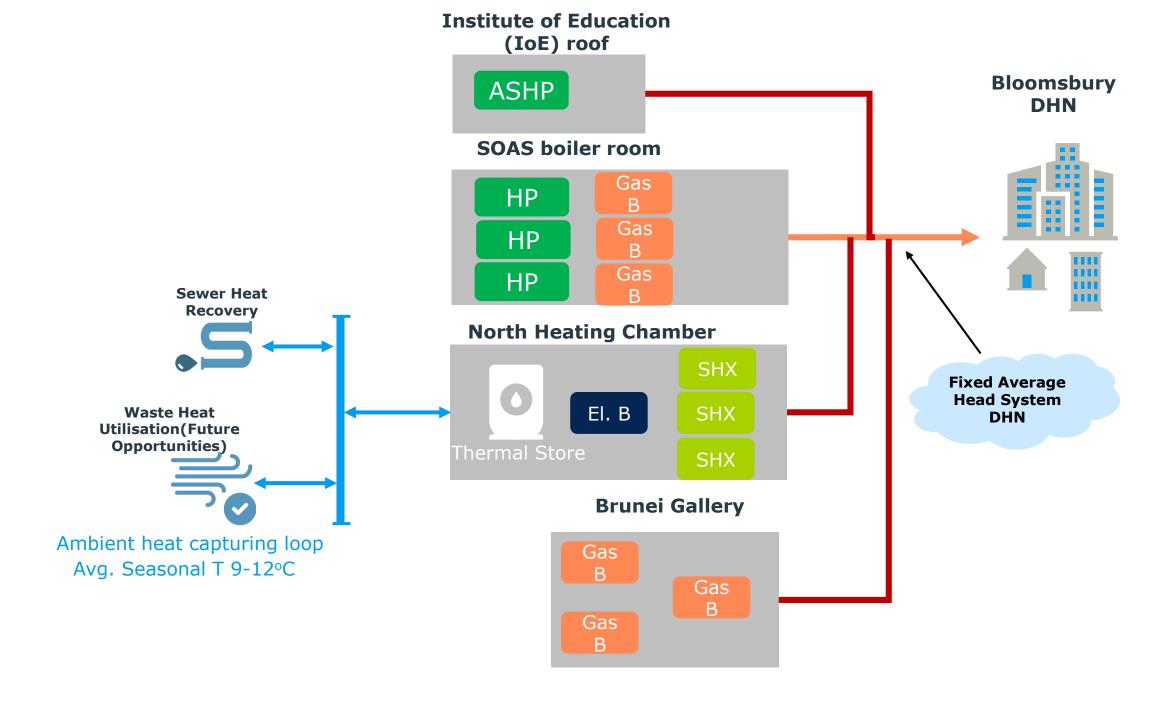


Bloomsbury Heat and Power – current & expanded

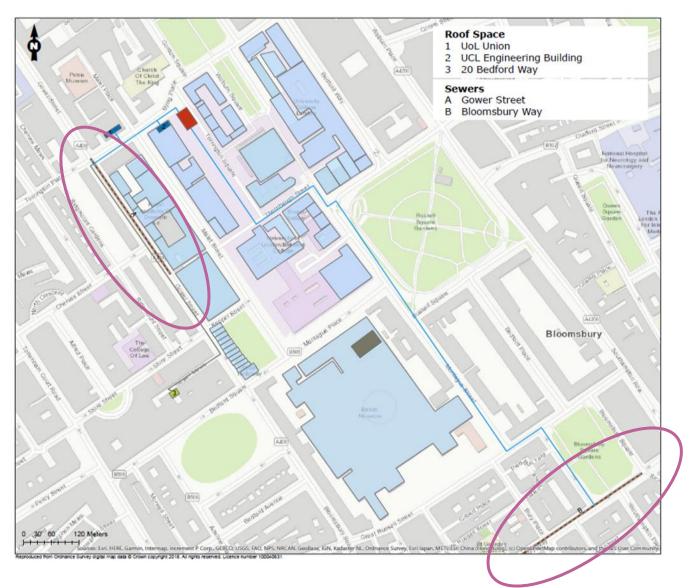
network



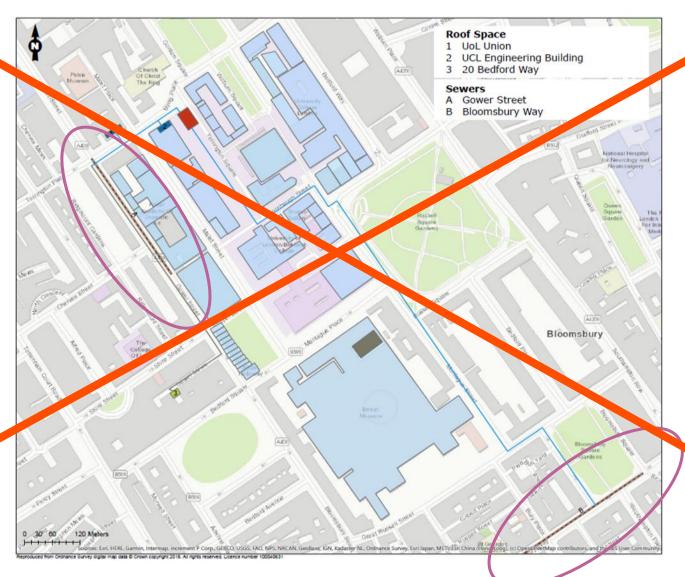
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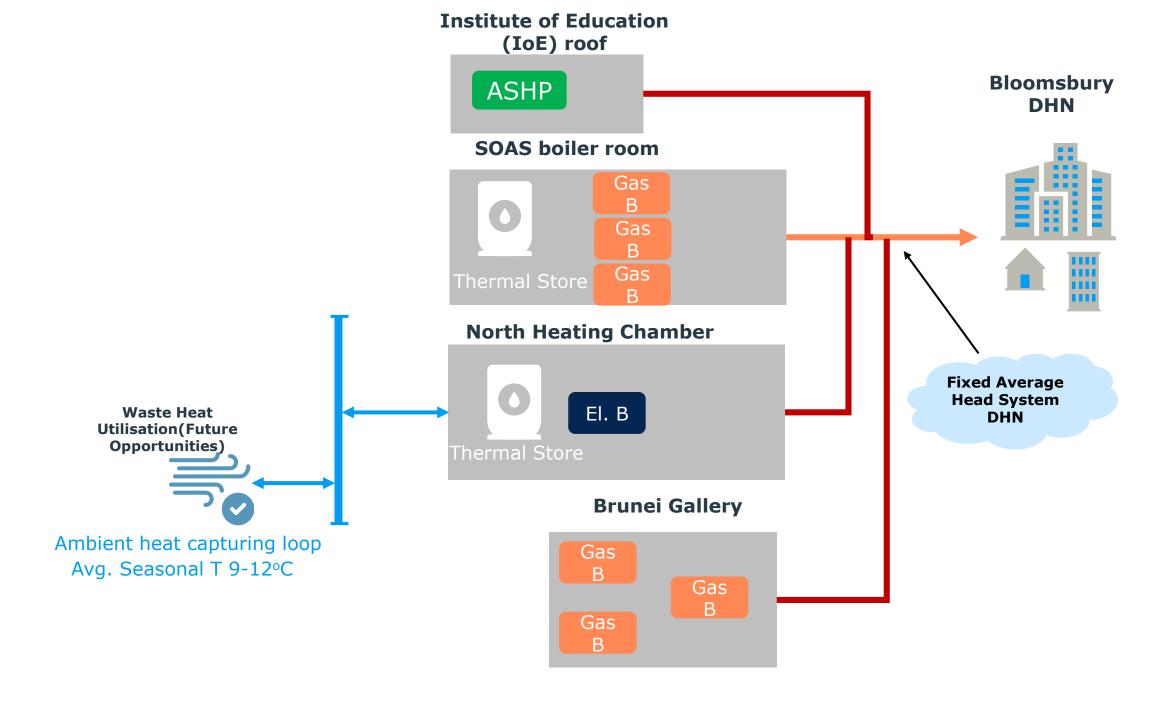
Bloomsbury Heat and Power – sewer heat sources



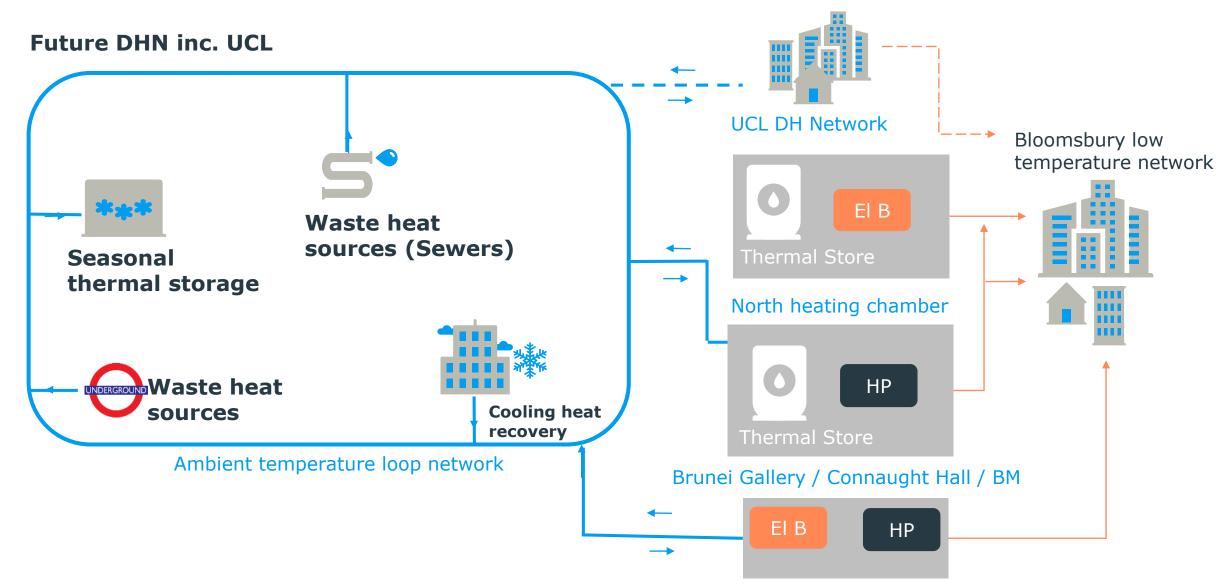
Bloomsbury Heat and Power – sewer heat sources



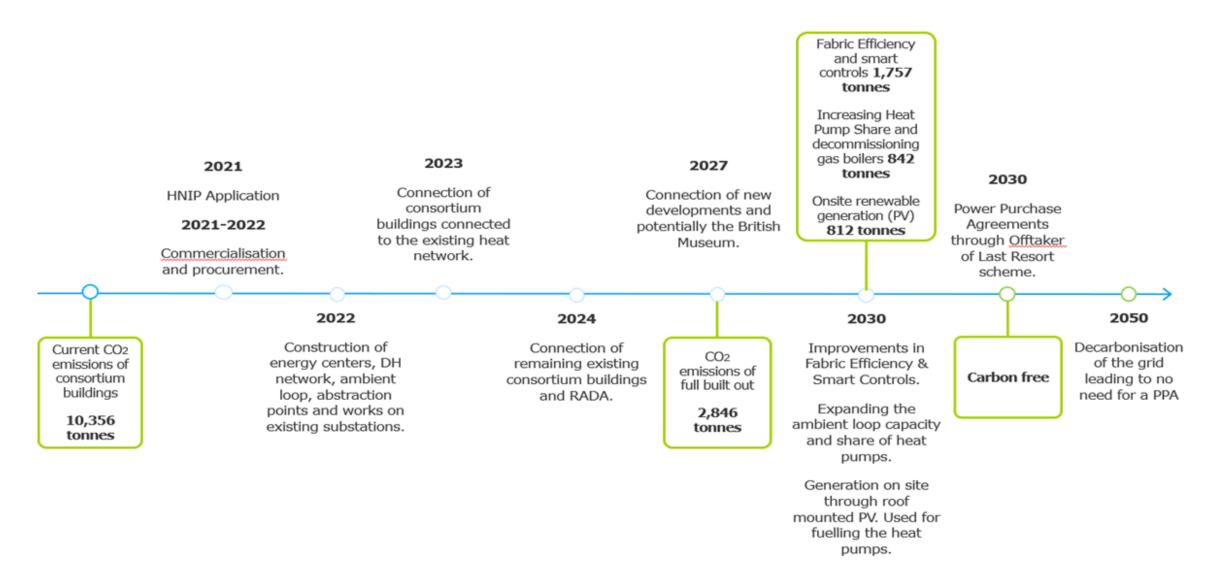
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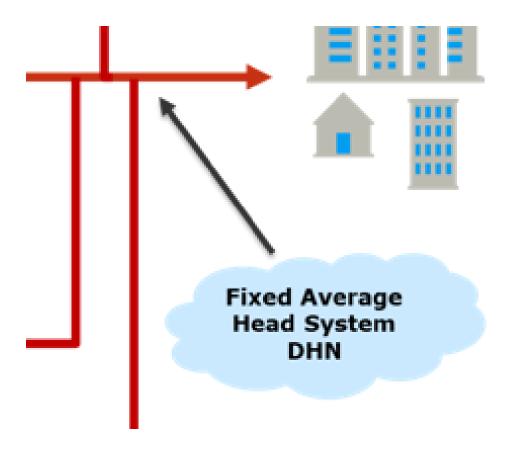
Future Decarbonisation

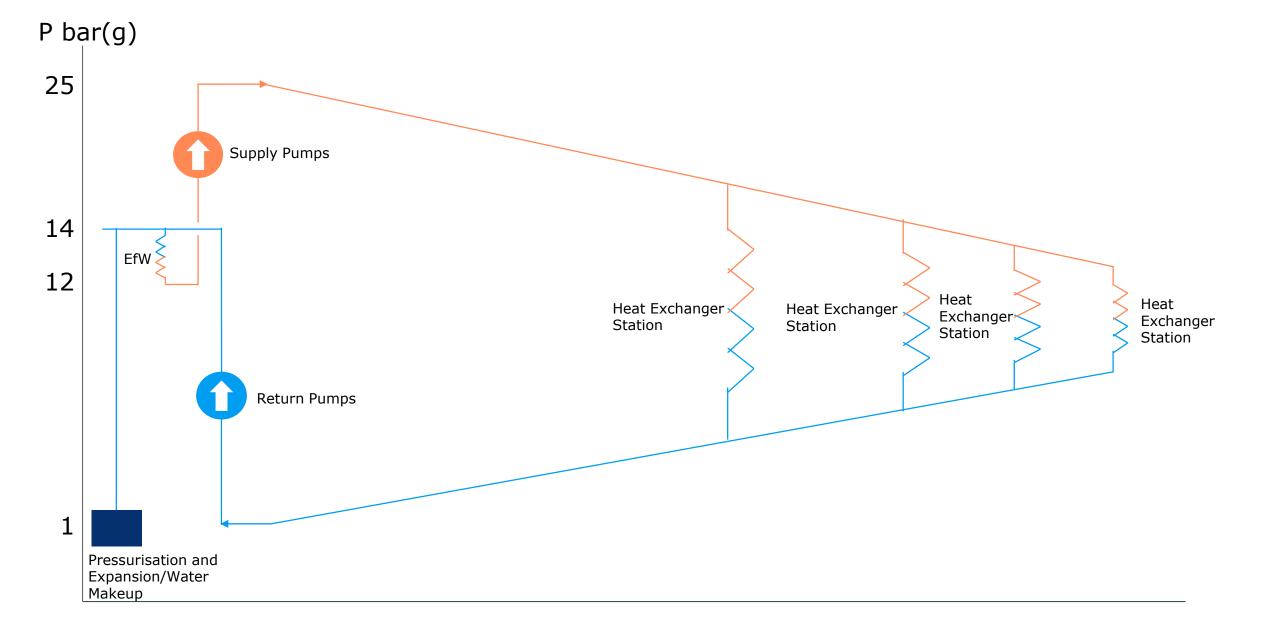


Bloomsbury Heat and Power – indicative route to decarbonisation

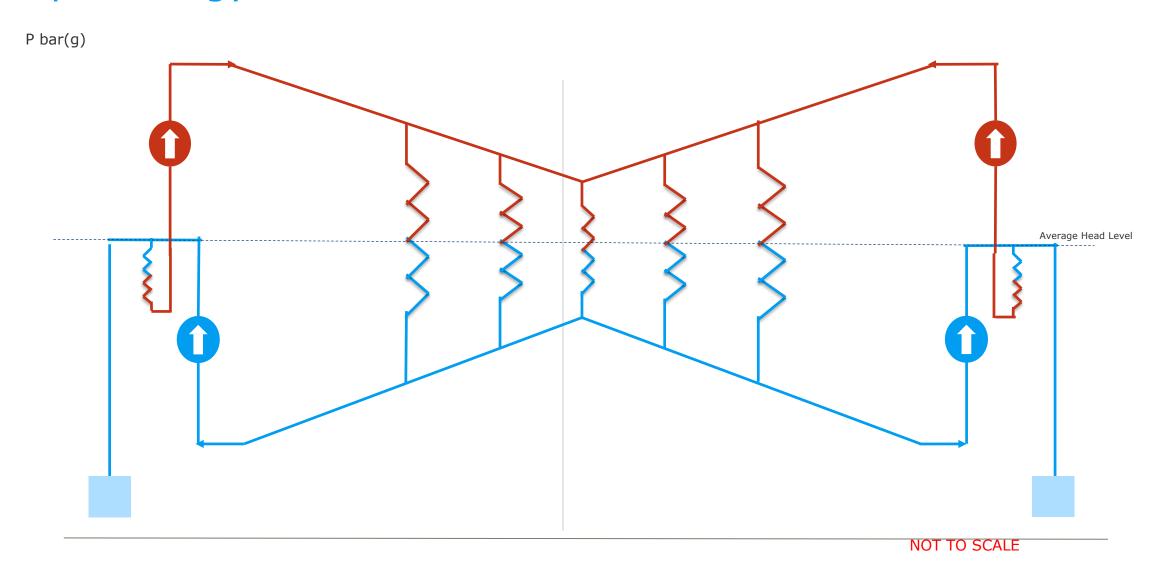


Bloomsbury Heat and Power – technical strategy





Multiple Energy Centres



Bright ideas. Sustainable change.

RAMBOLL