

Housing & Care 21 network upgrades for reliable and cost effective heating

Client's objectives

Housing & Care 21 are a leading provider of retirement housing and care services for older people. They enlisted our help to optimize performance and increase resilience of their heating and hot water systems.

Their objectives were cost savings, reliability and the provision of comfort for residents.

The project

The analysis, design and specification of optimal heating and hot water systems. Followed by procurement and technical installation support.

Key services delivered

Many boiler rooms had reached the end of their life and were unreliable and costly to maintain. In addition, a number of new build properties had unexpected and unwelcome performance gaps in energy usage, heat delivery and maintenance costs.

We first surveyed the entire boiler network, working backwards to the plant, to identify opportunities to improve the system. We then provided the optimal design for upgrades.

For the new build sites we adopted a consultative approach, engaging with the users and operators of the network, to identify the cause of the issues. Coupled with detailed data analysis, we were able to provide recommendations to improve performance and reliability.

We also produced a new build specification to ensure that the design of future systems were optimized.

Though the procurement process, we reviewed tender submissions and recommended contractors. We also provided technical support to the contractor throughout the installation.

Project impacts

- We provided support at over 100 sites, achieving over £35,000 of Energy Company Obligation funding to support the works.
- Sites now have more efficient and resilient heating and hot water systems, improving Housing & Care 21's capacity to provide consistent comfort to its vulnerable residents.
- Ongoing work is set to optimize heating system performance and reduce operation and maintenance costs going forward.

Client feedback

"Anthesis have provided practical and sound assistance, support and advice to deliver real-world technical solutions from inception to completion"

Tim Ingram
Property Improvement Manager
Housing & Care 21

For further information

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