

# Creating affordable, cleaner heating for Bradford

1Energy is building a heat network for Bradford, providing a way for organisations across the city to decarbonise their heating and meet their carbon reduction goals.

## What is a heat network?

Heat networks distribute heat from a centralised source to multiple buildings via underground, water-filled pipes. Highly efficient, these systems remove the need for individual boilers or heaters in each building connected.

Heat for the Bradford Energy Network will be generated by a large-scale air source heat pump (located in a new energy centre on Thornton Road). The system will dramatically cut carbon emissions from heating while improving local air quality.

## Where and when is this happening?

Buildings at Bradford College and the University of Bradford will connect to the network and start receiving heat from the system in late summer 2026.

## Is this going to cause any disruption?

Construction of the heat network may cause some disruption as it involves laying pipes under the roads, and installing new equipment in buildings. We are working hard with our contractors and customers to ensure disruption is kept to a minimum.



A project by

The logo for 1Energy features a green circular icon with a white arrow pointing clockwise, followed by the word "energy" in a white, lowercase, sans-serif font. The number "1" is positioned to the left of "energy".

# Benefits and impact

The Bradford Energy Network will dramatically reduce carbon emissions from heating and improve local air quality, supporting the city's targets to become the UK's leading clean growth district and achieve Net Zero by 2038.

**75%**

Less CO<sub>2</sub> per kWh than traditional heat sources, such as gas boilers.

**80%**

Less NO<sub>2</sub> per kWh, significantly improving local air quality and the health of the city.

**£75m**

Invested into delivering the Bradford Energy Network, empowering the city to achieve its climate goals.

**10,000**

Homes equivalent supplied with low-carbon heat through the Bradford Energy Network.

# Project timeline & milestones

The network will begin supplying low-carbon heat to Bradford College and the University of Bradford from late summer 2026.

**May 2025**

First phase of network construction complete



**September 2026**

Network up and running



**March 2026**

Energy Centre construction complete



# Want to find out more?

If you're looking to discuss or find out more about the Bradford Energy Network – please email us or visit our website. Our local team will get back to you as soon as possible.

Email us at: [Bradford@1energy.uk](mailto:Bradford@1energy.uk)

Visit our website at: [bradford.energy](http://bradford.energy)



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