



Bristol Climate &
Nature Partnership

2030: RE-ENVISIONING BRISTOL

VERSION 2 | NOVEMBER 2025

bristolclimatenature.org

INTRODUCTION

Since 2024, Bristol City Council has been leading a £5m multi-partner project called Mission Net Zero, funded by Innovate UK. Mission Net Zero is an innovative and wide-ranging project that recognises that many of the solutions for a low-carbon city are not just technological, but rooted in community.

The project worked with three community organisations who have developed Community Climate Action plans. They built on the local priorities they identified through this process, and the knowledge and skills in their neighbourhoods, to design energy projects that meet local needs. Other partners worked with education providers to develop new training pathways and qualifications. Others fed in to the development of local investment and regional growth plans that centre fairness and equality of access. **We produced this interactive map to help people explore the issues and solutions Mission Net Zero is progressing in Bristol today.**

Here you will find community priorities complemented by citywide action and new investment, all underpinned by greater understanding of the benefits of moving away from fossil fuel-based energy, restoring nature and working together as neighbours.

Hover over the picture of Bristol to learn more about how these ambitions are being brought to life.





Young people have new education and training options, getting them ready for the green jobs the city's transition requires. People can learn new skills in community trade schools, alongside their neighbours. Residents can use trusted local tradespeople and feel more confident in the quality of the retrofit work they have done.

Professionals can take new, recognised qualifications to increase the services they offer



Community organisations that run valued public spaces can maximise their energy efficiency and get the most out of low-carbon tech such as solar panels and low-carbon heating. Support to install and use building management systems and battery storage alongside solar panels enables them to use all the energy they produce on site.



Communities own renewable energy infrastructure such as rooftop solar through cooperative models, so that savings are shared, and lower income local households can enjoy the benefits of cheaper energy.

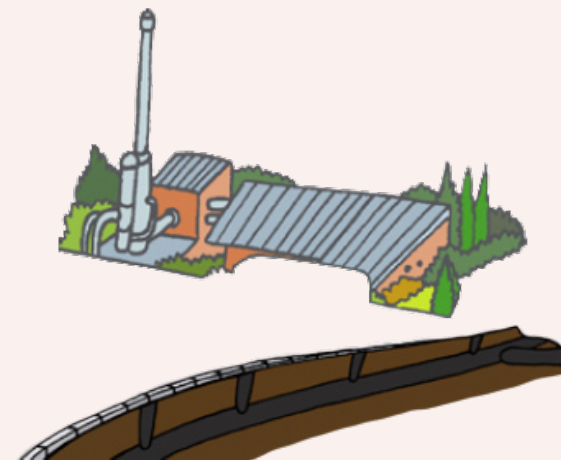
Through Energy Local Clubs, people with rooftop solar can sell direct to their neighbours, getting a better rate for the energy they produce, while saving their neighbours money.



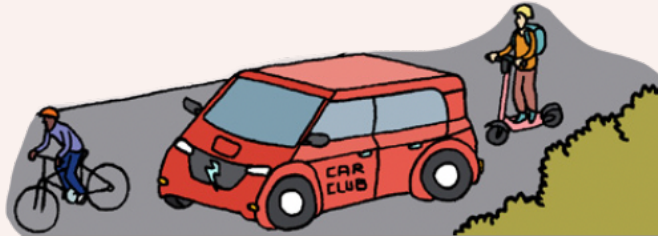
A community-led retrofit demonstrator street explores deep retrofit of 5 homes so it can be scaled up across the inter-war council housing estates in this neighbourhood, adding to the 'retrofit recipe' of the area, and showing local people what is needed to make their homes warmer, healthier, and cheaper to run. With similar housing types in areas across the city, these examples can be used again and again.



Solar panels on industrial estates and new housing developments are community-owned, providing an income for local organisations, and making it easier for them to deliver services that local people want.



Where the new district heat network doesn't reach, communities have worked together to explore shared loop ground source heat networks. Commissioning installations as a group could reduce the costs and increase quality, while reducing their heating bills and bringing down the city's carbon emissions from heating. Working locally on these solutions brings people together, making their neighbourhood stronger.



People who live in high-rise buildings have access to new secure EV bike storage and battery charging sited close by, making battery charging and storage safe and accessible, so they can get the benefits of active travel that is affordable and fast, but without the risks of charging bikes inside.



Neighbours come together to plant and care for new street trees where suitable, improving air quality, cooling pavements during heatwaves and making neighbourhoods more beautiful. By working together to water young trees and the plants around them, neighbours get to know each other better and communities are strengthened.

ACKNOWLEDGEMENTS

This illustration was adapted from a version produced for Bristol Climate & Nature Partnership in 2019 by Bristol artist Andy Council, to represent some of the ambitions of the **One City Plan** refresh that took place that year. [The previous version can be seen here](#). The vision it captures is one of neighbourhoods where people and nature thrive, and where new technologies are implemented and new skills gained in a way that makes our city fairer, enabling everyone to benefit from this transition. Our thanks to Andy for permission to use the image.

Project partners



Funded by

