

Funding Competition

Example project ideas

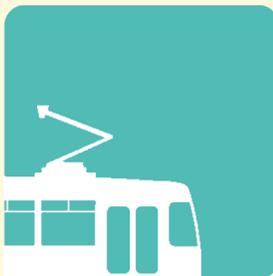
3D data to decarbonise in a decade

The 3D Funding Competition is open to community-based projects using data to help decarbonise Birmingham. Applications are welcome from a wide range of areas including behaviour change, air pollution, transport, energy and health. We have pulled together a few example project ideas here to help you think about suitable projects. This list is not exhaustive, and we would encourage you to think about what needs exist locally, and develop a project which addresses them.



A community energy organisation would like to install EV charge points in areas of the city that have a low percentage of off street parking to enable a higher uptake of electric vehicles where people are unable to charge at home. Using the map of existing EV charge points and buildings or demographic data they can identify areas most in need of new charging infrastructure. They could also look at the renewables installed nearby using FiT installation records to power the chargers using renewables.

A neighbourhood development trust want to produce tailored guides to saving energy in the different types of homes in their area. They will provide material in the main languages spoken locally and use demographic data to reach more vulnerable households (low income, health conditions, older age).



A charity aims to support young people access work opportunities via bike. They want to offer bike maintenance training to unemployed young people in an area close to cycle routes. To target their work, they would look at employment and income data together with cycle route maps.

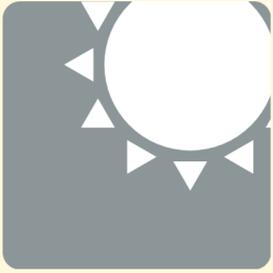
A health charity want to install outdoor gym equipment in parks, working with communities which experience high levels of poor physical &/or mental health. They will use data on air pollution and health outcomes overlaid with green spaces data to identify potential sites.



An NGO will deliver a behaviour change campaign to reduce carbon emissions from food. They will identify the three wards with the highest average household carbon emissions from food and promote local produce, meat and dairy free options and ways to reduce food waste. A survey will be conducted six months later to monitor the impact.

A community group wants to encourage uptake of a grant which is available for improving the energy efficiency of homes of low-income households. They will use data on fuel poverty, Index of Multiple Deprivation and EPC ratings to identify target areas.





A community energy group wants to install more solar PV. They will identify suitable rooftops using data on energy consumption, rooftop solar PV potential and conservation areas to identify potential sites and develop a plan to engage with local installers and home owners.

An environmental group wants to organise a Green Open Homes event to encourage uptake of retrofit options to reduce carbon emissions from housing.

The group will use data on EPC recommendations and demographic data to identify areas where householders are likely to be able to self-fund energy efficiency improvements to their homes. Visitors to the showcase homes will be surveyed on their intentions following the event to monitor the impact of the project.



A charity providing cooked meals from surplus food want to purchase an electric delivery bike, and identify sites for collection and delivery near safe cycle routes. They will look at data on food waste and income levels together with cycle route maps.

A residents' association want to address congestion and air pollution by promoting suitable walking and cycling routes through their neighbourhood. They will identify routes using data on air pollution, cycle routes and open spaces and produce an active travel map. This will be accompanied by community engagement activity to motivate people to choose active travel.



A foodbank is looking to start some vegetable growing projects for their customers. They will identify priority areas using data on food emissions and income levels. Potential sites will be identified using data on land use and open space.

An energy advice charity wants to train local community leaders to provide energy saving advice. They will target recruitment in areas using data on fuel poverty, income levels, energy consumption data and EPC ratings and use live energy use data as part of their advice delivery.



Get in touch if you'd like to chat through a project idea - 3D@cse.org.uk
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