

Net Zero Innovation Programme project list

Project	Council contact	University contact	Project summary
Property & People	<u>Barnsley</u> Sara Scholes (sarascholes@barnsley.gov.uk)	<u>Leeds Beckett</u> David Glew (D.W.Glew@leedsbeckett.ac.uk) Kate Morland (K.Morland@leedsbeckett.ac.uk) Martin Fletcher (M.F.Fletcher@leedsbeckett.ac.uk)	Leeds Beckett University are working in partnership with Barnsley Council to design and oversee the construction and evaluation of a new, low-energy housing estate in Barnsley – using the latest research and innovation in insulation and renewable energy.
Procurement	<u>Cambridgeshire CC</u> Emily Bolton (Emily.Bolton@cambridgeshire.gov.uk) Kashca Visagie (Kascha.Visagie@cambridgeshire.gov.uk)	<u>UCL</u> Isabela Butnar (i.butnar@ucl.ac.uk)	Cambridgeshire County Council aim to halve its greenhouse gas emissions by 2030. Over 96% of these emissions are scope 3, primarily from procured goods and services. With over £100million spent on goods and services annually, Cambridgeshire seeks to leverage this significant procurement power to drive innovation from its suppliers to deliver goods and services with reduced emissions. This project will develop and test a framework to estimate the emissions from procured goods and services and enable informed discussion with suppliers on how to reduce them.
Schools	<u>Colchester</u> Ben Plummer (ben.plummer@colchester.gov.uk)	<u>Essex</u> Jane Hindley (janeh@essex.ac.uk)	Our project aims to enable two local primary schools embed environmental education, reduce their environmental impact—and have fun. It is grounded in a can-do, whole school approach and includes a baseline audit, co-producing an environmental action plan, and activities from tree-planting to energy-saving.
Health	<u>Cornwall CC</u> Alex.rainbow@cornwall.gov.uk	<u>Exeter</u> Emma Bland (e.bland@exeter.ac.uk) Peter Lefort (p.lefort@exeter.ac.uk)	The Climate Change and Health Tool is an evidence-based resource to support Cornwall’s public sector institutions. The model will provide evidence for decision-makers to focus beyond short-term outcomes and understand

			the potential implications of climate change mitigation and adaptation on health and the subsequent impacts across a broad range of sectors and services.
Home Working	<u>Durham CC</u> Maggie Bosanquet (maggie.bosanquet@durham.gov.uk)	<u>Durham</u> Jacki Bell (jacki.bell@durham.ac.uk) Yaodong Wang (yaodong.wang@durham.ac.uk)	The Home Working project will measure the real energy consumption impacts of home working to help with future energy scenario planning. Using staff volunteers from the university and the council we will collect home energy bill data from the year before and the year after lockdown. This will be collated with office energy consumption over the same period. Transport data will also be assessed to create a full and accurate comparison.
Care Homes	<u>Hertfordshire</u> Julie Greaves (julie.greaves@hertfordshire.gov.uk)	<u>Hertfordshire</u> Michael Page (m.2.page@herts.ac.uk)	Hertfordshire County Council, as a provider of adult care services, is working in partnership with the University of Hertfordshire to collect care home energy usage data. This, fully scalable, pilot project will identify any areas of wastage and then presents options to reduce energy consumption and increase efficiency.
Retrofit Skills	<u>London/Lambeth</u> Hannah Jameson (hjameson@lambeth.gov.uk)	<u>London South Bank</u> Aaron Gillich (gillicha@lsbu.ac.uk)	This project seeks to address the urgent need to expand the capacity of local supply chains to deliver net zero retrofits at scale, pace and quality, and to connect local residents to these jobs. It aims to better understand the local retrofit supply chain, the roles and skills that are needed, existing training offers, and what the council and other stakeholders should do to address gaps and optimise local benefits.
Retrofit Model	<u>London/Sutton</u> Dermot Barnes (dermot.barnes@suttonhousingpartnership.org.uk)	<u>UCL</u> Stephen Evans (steve.evans@ucl.ac.uk)	Helping Sutton Council make decisions about retrofitting through providing them with information from a 3D model of the local housing stock.

Finance	<u>Lewes / Eastbourne</u> Kate Richardson (kate.richardson@lewes-eastbourne.gov.uk)	<u>Sussex</u> Donal Brown (Donal.Brown@Sussex.ac.uk)	Lewes and Eastbourne will be exploring a range of alternative financing mechanisms and evaluating them for use on a variety of sustainability projects that may or may not generate a financial return. Alternative finance mechanisms should create wider community wealth and social benefits to ensure a 'just transition' and help us achieve our net zero ambition by 2030.
Decision Training	<u>North of Tyne</u> Leanne Wilson (leanne.wilson@northoftyne-ca.gov.uk)	<u>Northumbria University</u> Mike Martin (mike.martin@northumbria.ac.uk)	Developing a training for the council on how to bring considerations about climate change into its capital investment decision making processes.
Comms Toolkit	<u>South Gloucestershire</u> Lucy Rees (lucy.rees@southglos.gov.uk) Barry Wyatt (barry.wyatt@southglos.gov.uk)	<u>West of England, Bristol</u> James Longhurst (James.Longhurst@uwe.ac.uk) Laura Devito (Laura.Devito@uwe.ac.uk)	The Carbon Communication Toolkit project will support South Gloucestershire Council in delivering their local Climate Action Plan by developing effective communication strategies focussed on three priority challenges: <ul style="list-style-type: none"> • Overcoming resistance to active travel measures in the Climate Action Plan, including the impact of Covid-19 • Overcoming barriers to the current update of low carbon home retrofitting initiatives (beyond cost-related barriers) • Raising the profile of the climate emergency within the Local Strategic Partnership (LSP) to encourage ownership of the Local Climate Action Plan.
E-Bikes	<u>Worcester</u> Ruth Corral (ruth.corral@worcester.gov.uk)	<u>Worcester</u> Katy Boom (k.boom@worc.ac.uk)	Woo Bikes: An employer led citywide electric bike share scheme using 'off the shelf' ebikes requiring no infrastructure, making it simple and fast to implement. This project looks at both 'business miles' and staff commute and is novel in its approach using employer's reception facilities to

			charge batteries and administer the booking.
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