

	S - Specific		M - Measurable					A - Achievable & R - Realistic		T - Timely		
CERP3 Action Type	SMART Action Description (This needs to be well defined, detailed and clear. What will be delivered, how much/many and by when? The CERP3 period is April 2024-March 2027)	Project Lead	What will be measured to determine progress on action delivery?	What targets have been/could be set?	Does the action reduce the Council's carbon footprint or the Countywide carbon footprint? (Please select)	Council Carbon Footprint: Estimated Annual CO ₂ Saving (tonnes)	Countywide Carbon Footprint: Estimated Annual CO ₂ Saving (tonnes)	Actual Annual CO ₂ Saving (tonnes) (where known)	Cost	Is Funding secured?	Start Date	Completion Date
Domestic Energy Efficiency	Managing Money Better Service to evolve and offer telephone triage service to help customers sooner. 4 additional members of staff to be trained in energy advice to give greater flexibility to the scheme. Target of 10 households assisted per month after April 2024.	DCC - Housing Improvement Team	Number of households assessed	10 per month	Countywide		Med (>300-600t)		£40,000	Yes	Ongoing	Ongoing
Domestic Energy Efficiency	Warm and Healthy Homes - Boiler repairs and services to customers with health conditions exacerbated by the cold	DCC - Housing Improvement Team	Number of referrals	5 per month	Countywide		Med (>300-600t)		£10,000	Yes	Ongoing	31/03/2025
Domestic Energy Efficiency	Home Upgrade Grant funding to retrofit measures to private Off gas properties across the County.	DCC - Housing Improvement Team	Number of measures installed	250	Countywide		Med (>300-600t)		£5,100,000	Yes	01/04/2023	31/03/2025
Domestic Energy Efficiency	ECO (Energy Company Obligation) Flex applications to be verified by Durham County Council on behalf of OFGEM. Applications from private households to be assessed for financial eligibility and processed. Measures include, Renewable heating, solar PV and insulation	DCC - Housing Improvement Team & OFGEM	Number of applications processed	60 per month	Countywide		Med (>300-600t)		£80,000	Yes	01/12/2022	31/03/2026
Domestic Energy Efficiency	Co-ordinated programme of Energy efficiency advice across the Combined Authority and specifically in County Durham (Lead Project)	DCC - Housing Improvement Team and NECA	Number of households given advice	140	Countywide		Low (1-300t)		£100,000	Yes	Ongoing	31/03/2025
Business Energy Efficiency	Continue to offer energy advice business support through the Business Energy Efficiency Project (BEEP)	DCC - Low Carbon Team	Number of BEEP interventions	100 audits per year	Countywide		Med (>300-600t)		£60,000	Yes	01/09/2023	31/03/2025

Community energy efficiency	Provide 50 community buildings with in-depth case work and provide capital grant funding to 10 of those buildings to support their transition to net zero.	Durham Community Action	Number of community buildings in receipt of grant funding (10 community organisations will receive grant funding to support their transition to net zero through the Community Spaces Partnership.)	10	Countywide		Low (1-50t)		£300,000 (capital grants) The National Lottery Community Fund: Reaching Communities	Yes	01/04/2023	01/09/2024
Community energy efficiency	Continue to work alongside Durham County Council's Business Energy Efficient Project and Low Carbon Economy teams to provide support to those responsible for the management of community buildings to reduce their carbon footprint and help to make their buildings more energy efficient.	Durham Community Action	Number of community buildings that are provided with BEEP audits.20 community buildings will receive energy audits as a result of our partnership with the BEEP team	20	Countywide		Low (1-50t)		£8,000	Yes	01/12/2023	01/12/2024
Community energy efficiency	Work with partners to develop approaches to aid the decarbonisation of rural communities through 2024 which will explore the construction of community-based power and heat assets. This will create a blueprint for further rollout.	Durham Community Action	Development and implementation of approach - feasibility delivered	1 feasibility study delivered	Countywide		0 Enabling or Adaptation Action		TBC	No	2024	2024
Council Building Decarbonisation	Retrofit Air Source Heat Pumps into current DCC buildings	DCC - Low Carbon Team	Number of upgrades/installs per year	6 per year	Council	Med (>50-200t)			£4,000,000	No	Ongoing	01/01/2030
Council Building Decarbonisation	Install energy efficiency and building fabric improvements at 10 sites per year.	DCC - Low Carbon Team	Number of projects	10 sites to receive energy efficiency improvements per year	Council	Low (1-50t)			£100,000	Invest to save	Ongoing	31/03/2027
Council Building Decarbonisation	Continue with decarbonising Leisure Centres with target to achieve over 50% fossil fuel free including; Louisa Centre Stanley Freemans Quay - Durham Newton Aycliffe - Ph2 (heat recovery)	DCC - Low Carbon Team	Number of leisure centres reporting no gas for heating	7 in total by 2027	Council	Med (>50-200t)			£5,000,000	No	Ongoing	31/03/2027
Council Building Decarbonisation	Take forward the following first stage decarbonisation plans: Spennymoor EDC Bishop Auckland TH Durham Pathways Chester - le - Street LC Louisa Centre	DCC - Low Carbon Team	No of plans	6 complete	Council	0 Enabling or Adaptation Action			£24,000	Yes	Ongoing	01/06/2024

Council Building Decarbonisation	Carry out surveys and heating decarbonisation plans at the remaining significant carbon emitting facilities. Freemans Quay LC Spennymoor LC Green Lane Offices Hackworth Road Depot Chilton Depot	DCC - Low Carbon Team	No of Surveys	5 Complete	Council	0 Enabling or Adaptation Action			£30,000	No	Ongoing	01/04/2025
Council Building Decarbonisation	Install LED lighting across 20 DCC owned sites	DCC - Low Carbon Team	Number of buildings	20 sites will have LED lighting installed.	Council	Med (>50-200t)			£2,000,000	Yes	Ongoing	31/03/2026
Council Building Decarbonisation	Increase proportion of top 30 sites covered by Building Energy Management Systems (BEMS)	DCC - Low Carbon Team	Percentage	75%	Council	Low (1-50t)			£500,000	Invest to save	Ongoing	31/03/2027
Council Building Decarbonisation	Develop integrated Building Energy Management System (BEMS) across DCC portfolio	DCC - Low Carbon Team	Number of upgrades/installs per year	4 per year	Council	Low (1-50t)			£230,000	Yes	Ongoing	01/04/2025
Council Building Decarbonisation	Improve understanding of energy management responsibilities with building managers	DCC - Low Carbon Team	Develop Specific ENERGY teams channel for building managers and training	Teams channel created. 4 sessions delivered per year	Council	0 Enabling or Adaptation Action			N/A	N/A	01/03/2024	Ongoing
Council Building Decarbonisation	Work with DCC teams to ensure Insulation is maximised during refurbishments	DCC - Low Carbon Team	Number of projects where insulation has been upgraded	6 per year	Council	Low (1-50t)			TBC	No	Ongoing	Ongoing
Partner Building Decarbonisation	Ensure within plans for building refurbishment involved introducing energy efficiency methods/equipment by embedding sustainability ambition statement as a key document in project specification outlining the opportunity for energy efficiency at each project.	Durham University - Estates and Facilities	Reduction in University energy demand		Countywide		0 Enabling or Adaptation Action		N/A	No	2023	2030
Partner Building Decarbonisation	Business Durham will complete EPCs for the buildings they own that don't have them and will begin to identify opportunities to improve the EPCs of those that are an E to get them up to a C in 2027 and B in 2030	Business Durham	Record the number of units of energy saving measures added such as replacing lighting with more energy efficient equivalents heating, work on insulation (i.e. Cladding/double glazed windows)	Targets should show number of units per year to be improved. Also show EPC E to C improvements rather than money.	Countywide		Unknown - difficult to quantify as depends on business usage of let site.		TBC	Not yet. To confirm as part of general maintenance budget.	01/04/2024	31/03/2027
Partner Building Decarbonisation	Develop and implement decarbonisation plans and strategy in place for all sites - particularly University Hospital of North Durham and Bishop Auckland Hospital within the DCC area	County Durham and Darlington NHS Foundation Trust	Agreed plan in place	50% reduction on 2019/20 levels by 2032. Net-Zero by 2040	Countywide		0 Enabling or Adaptation Action		£100,000	N/A	01/04/2024	31/03/2027

Council Renewable Energy	Increase PV generation across DCC estate by 3MW. This will include a mixture of roof mounted, ground mounted, and vertical mounted, to best suit the site.	DCC - Low Carbon Team	Installed capacity	3MW of solar PV to be installed	Council	Med (>50-200t)			£3,000,000	Invest to save	Ongoing	31/03/2027
Council Renewable Energy	Develop 1MW solar array at Jade Business Park (following SEGL1 construction when field is back with DCC)	DCC - Low Carbon Team	Installed capacity	1MW	Council	Low (1-50t)			£1,000,000	Invest to save	Ongoing	31/03/2029
Council Renewable Energy	Development of 4 Small wind turbines at Hackworth Road Depot	DCC - Low Carbon Team	no of turbines installed	4 no	Council	Low (1-50t)			£180,000	Invest to save	Ongoing	31/03/2027
Council Renewable Energy	Following learnings from Hackword Road project take forward additional sites.	DCC - Low Carbon Team	no of turbines installed		Council	0 Enabling or Adaptation Action			TBC	Invest to save	Ongoing	01/04/2027
Council Renewable Energy	Development of Solar and Wind Hybrid at Joint Stocks Quarry/former landfill	DCC - Low Carbon Team	Capacity installed	TBC	Council	Low (1-50t)			TBC	Invest to save	Ongoing	31/03/2027
Council Renewable Energy	Develop and implement phased solar car ports implementation plan across 5 sites.	DCC - Low Carbon Team	Solar Car Ports delivered	5 in total	Council	Low (1-50t)			£10,000,000	Invest to save	Ongoing	31/03/2027
Council Renewable Energy	Review and upscale solar farm at Tanfield to match demand from nearby building by 2025. Explore commercial potential of project	DCC - Low Carbon Team	Extension delivered	Extension delivered	Council	Low (1-50t)			£750,000	Invest to save	Ongoing	31/03/2027
Partner Renewable Energy	Expand Solar PV installations across the University Estate by at least 1MW by Summer 2025.	Durham University - Estates and Facilities	kW PV installed	1 MWpeak installed	Countywide		Med (>50-200t)	168*diminishing alongside grid decarbonisation	£2million plus		2023	2025
Partner Renewable Energy	Reduce Grid consumption across the Lanchester Group by increasing renewable energy generation by at least 25% by 2027.	Lanchester Wines	% MW generated	1.25	Countywide		Med (>50-200t)		TBC	Yes	45231	2027
Partner Renewable Energy	Seek additional funding to create 'invest to save' projects, thus improving energy efficiency, through implementation of renewable energy technologies, such as solar farms and geo-thermal.	Beamish Museum	Review of energy bills and carbon		Countywide		0 Enabling or Adaptation Action		TBC	No	01/03/2024	31/03/2026
Street Lighting	Replace up to 1,950 remaining old streetlights with LED, saving around 594,000kWh, between 2024 and 2027 leaving a further 3,500 to upgrade before 2030.	Street Lighting	Full LED Street lights		Council	Med (>50-200t)			£1,900,000	Yes	Ongoing	31/03/2028
Heat Networks	Carry out a heat network potential study to identify 5 areas, at least, where heat networks could work in County Durham	DCC - Low Carbon Team	Complete study and Listed towns suited to DHN	5 areas listed, at least 5 maps produced	Countywide		0 Enabling or Adaptation Action		£55,000	50 % of funding secured from energy accelerator program	01/11/2023	01/05/2024

Heat Networks	Develop a heat network strategy, approved by cabinet, and implement the phased development plan.	DCC - Low Carbon Team with Community Energy England, MCA	Completion and adoption and implementation of strategy by CMT and cabinet.		Countywide		0 Enabling or Adaptation Action		280,000	No, though HNDU can fund 67 % of the cost, and other grant support is being explored to provide the match	01/12/2023	01/06/2024
Heat Networks	Support groups to develop community led and focussed renewable energy and heat schemes through a community wealth building approach by providing advice and support.	DCC - Low Carbon Team	Number of community energy group engagement sessions	At least 4 per year	Countywide		0 Enabling or Adaptation Action		N/A	N/A	01/04/2024	31/03/2027
Heat Networks	Buildings start to connect the Seaham Garden Village District Heating	DCC - Corporate Property & Land with Vital Energy	Number of buildings connected to the DH	TBC	Countywide		0 Enabling or Adaptation Action		£10,000,000	Yes - Delivered by Vital Energy	01/04/2024	31/03/2029
Heat Networks	Complete and assess the Detailed Project Development stage for the Horden minewater project.	DCC - Low Carbon Team	Delivery of outline business case report	1 report, 2 workshops held and engagement sessions held throughout	Countywide		0 Enabling or Adaptation Action		£189,000	Yes	01/12/2023	30/06/2024
Partner Heat Networks	Work to develop a heat decarbonisation strategy to reduce emissions linked to heat at the University and implement the plan by Summer 2024 to reduce emissions linked to heat by 70% over next 10 years.	Durham University - Estates and Facilities	Strategy adopted and implemented		Countywide		V High (>1,000t)	Up to 7,000 tCO ₂	Unknown	No	2023	2028
Partner knowledge sharing/engagement	Work with Government agencies to share learnings, good practice in advancing and improving legislation, and access to renewable resources	Lanchester Wines	N/A	This won't be tracked as we share a lot of information on different sustainability projects across our supply chain and customer base.	Countywide		0 Enabling or Adaptation Action		N/A	N/A	01/11/2023	2027
Planning	Ensure new buildings are built and designed without connection to fossil fuels for heating and hot water through our building services design guide that outlines that fossil fuels will not be used for heating or hot water generation	DU Estates and Facilities	Future proposals for University development		Countywide		0 Enabling or Adaptation Action		N/A	N/A	2024	2030
Planning	Develop Local and feed into regional area energy plans with partners.	DCC - Low Carbon Team with Climate Emergency Strategic Board	Number of engagement sessions held, outputs (such as the number of projects enabled) and progress.	Reports developed	Countywide		0 Enabling or Adaptation Action		TBC	No	30/01/2024	NA
Planning	Build and design new build Shotley Bridge Hospital to be at Net-Zero	County Durham and Darlington NHS Foundation Trust	CO2 reduction of new site compared to old	Net zero build - no gas on site	Countywide		Med (>300-600t)	Circa 600t per year carbon reduction	TBC	Via New Hospitals Programme	01/04/2024	31/03/2026

Planning	Any new Local Plan update should prioritise climate change mitigation policy including provision for local renewable electricity.	DCC- Strategy and Delivery Team	Update Complete		Countywide		0 Enabling or Adaptation Action		N/A	N/A		
Planning	Adopt and promote Solar Energy Supplementary Planning Document	DCC- Strategy and Delivery Team	Adopted SPD	Adoption July 2024	Countywide		0 Enabling or Adaptation Action		N/A	N/A	03/10/2021	31/07/2024
Planning	Adopt and promote Energy Efficiency, Renewables and Historic Environment Supplementary Planning Document	DCC- Strategy and Delivery Team	Adopted SPD	Adoption April 2025	Countywide		0 Enabling or Adaptation Action		N/A	N/A	01/01/2024	30/04/2025
Electricity network - energy demand and generation	Deploy a flexibility first approach, always choosing network and customer flexibility solutions where cost-effective and viable ahead of network reinforcement. The use of targeted Flexibility Services means that we will contract with flexibility service providers who can increase or decrease their energy consumption and/or generation at times requested by us.	Northern PowerGrid	MW capacity flexibility contracted across NPG's service area		Countywide		0 Enabling or Adaptation Action		TBC	Yes	01/04/2023	31/03/2028
Electricity network - energy demand and generation	Significantly expand our capture of network and market data create a smarter energy system by investing £21m on installing Low Voltage monitoring at distribution substations across our license area- there are plans to install Low Voltage monitoring on 10,000 ground-mounted distribution substations across our license area by 2028.	Northern PowerGrid	Money invested into and the number of installing LV monitoring by 2028.	£21m and 10,000 across NPGs service area	Countywide		0 Enabling or Adaptation Action		£21,000,000	Yes	01/04/2023	31/03/2028
Electricity network - energy demand and generation	To aid future distribution energy scenarios and direct network investment we will provide open energy system data and engage in joint planning with our stakeholders, including providing support for local authorities on the development of Local Area Energy Plans	Northern PowerGrid	Number of engagement meetings held with LAs		Countywide		0 Enabling or Adaptation Action		N/A	Yes	01/04/2023	31/03/2028

Electricity network - energy demand and generation	To help address constraints on the network, enable a significant uptake of customer Flexibility and facilitate development of new markets for customers providing services to the network. NPG's autumn Flexibility Service providers tender round is seeking service providers in Stanley (DH9 9) and Chester-Le-Street (DH3 1). Further locations in County Durham can be anticipated in future tender rounds.	Northern PowerGrid	Amount of flexibility contracted (MW) in Stanley and Chester le Street		Countywide		0 Enabling or Adaptation Action		Not provided	Yes	01/04/2023	31/03/2028
Electricity network - energy demand and generation	Efficiently put the network in a position to support low carbon technology uptake and ensure all credible decarbonisation scenarios in our region remain open for delivering net zero by 2050 or sooner	Northern PowerGrid	Emissions reduction by 2050		Countywide		0 Enabling or Adaptation Action		Not provided	Yes	01/04/2023	2025
Partner Specialist Greenhouse Gas Reduction	Decommissioning of Nitrous Oxide pipelines to eliminate wastage and leaks to atmosphere. Replacement with portable bottles	Sustainability Lead / Clinical Sustainability Lead - County Durham and Darlington NHS Foundation Trust	CO2e of anaesthetic gasses	Reduce Co2e of anaesthetic gasses by 100t per year	Countywide		Low (1-300t)	100t per year CO ₂ e reduction	TBC	Yes	01/04/2024	31/03/2026