

Appendix 3: Countywide Progress Table

Key							Progress Notes Nov 2020		
Progress	Complete	1							
	On track / progressing	58							
	Some difficulty/delay to progress	19							
	Progress stopped	3							
	Action no longer required	4							
Action Type	Investment priority								
	New Project since CERP was adopted								
Priority Area	Project	Description	Cost	Funding confirmed?	Partners		Progress Update Comments	Funding Spent to Date	Amount of Carbon Saved where known
Renewable Energy	Renewable Energy	RE1: Develop and safeguard a portfolio of Council owned land suitable for renewable energy developments.	n/a	n/a	n/a		Review of land is ongoing. Shortlist of sites have been identified and we are progressing our investigations. Speaking to GIS teams about adding suitable land as a layer.	n/a	n/a

		RE2: Establish a Special Purpose Vehicle (SPV) to enable DCC to install renewable energy technologies on partners' land and buildings and become a green electricity provider	£40,000	No	Northumbrian Water	No further progress	n/a	n/a	
		RE3: Promote and support community renewable energy schemes through the Neighbourhood Planning process, partnership working, repowering and any other mechanisms including a new climate change loan scheme	£500,000	Yes	n/a		Report drafted, LEP research underway and due to complete Feb 21. need to reprofile spend to £40k in 2020/21 and £460k in 21/22	5000	n/a
	New technology and innovation		NT1: Set up joint research and business development with Durham University, NETPark, Energy Catapults and local businesses to develop and exploit new energy technologies	£50,000	Yes	Durham University	Ongoing exploration of opportunities		
			NT2: With partners explore sites and new technologies for electricity generation, storage and management across different end uses (EVs, heat, industry, hydrogen, etc.)	n/a	n/a	n/a	On track, continuing to explore sites and technologies, including for different uses - hydrogen etc.		
			NT3: Install electric power points in 3 main market places to replace diesel generators	£30,000	Yes	n/a	3 new electric power points in Durham City market place. Not cost effective to do Bp Auckland. Once installation is complete we will review how they are		

						utilised in order to decide upon future investment.		
		NT4: Solar Car Ports (with batteries) on car parks including park and ride and other public car parks to power electric buses and vehicles	£5 million	No	n/a	Minimal progress. Land acquisition nearly complete for 1 site. Waiting for draft internal report. Further development of PV generation output and used. Escalated through EVWG.		
Buildings and Heat	Business Support	BS1: Projects to support SMEs to reduce their energy use including Business Energy Efficiency Project	ERDF funded	Yes	n/a	Close to target for Q3 businesses assisted with five grants also provided. Q4 number of businesses coming forward slowing down but this quarter is already proving to be a record quarter for grants awarded.		
		BS2: Network of larger businesses to support SMEs with energy efficiency	n/a	n/a	n/a	No progress		
		BS3: Shared business clustering - Bishop Auckland	£200,000	Yes	n/a	No progress		
		BS4. Increase in the proportion of local food grown and sold in the County. A thriving local agricultural sector supplying food to local markets	n/a	n/a	Durham Food Group	Local Food strategy in development. Funding yet to be found for CERP projects by partnership. DCA having a restructure.		
		BS5. Work with BEIS and other partners to help develop a national process to support SMEs on energy efficiency. BASEE Project	£20,000	Yes	BEIS	Meeting due early Dec 2020 to discuss progress.		

		BS6. Pilot research to explore changes to application of Business Rates to remove disincentives to installation of renewable energy or efficiency measures	£40,000	Yes	n/a	Invoiced Nov 2020		
	Sustainable Tourism	ST1. Develop a project to support energy efficiency in smaller tourism and food related businesses, learning from international best practice through SME Power and support the work of the Durham Food group	n/a	part funded through Interreg Europe	n/a	SME Power has started looking at Good Practice from other partners and one has delivered a hospitality project which we will investigate. Lack of direction from national Government on Shared Prosperity Fund or other support mechanisms will delay any scoping and implementation.		
	Domestic	D1. Advice - currently provided through DCC's DCC - Durham County Council Managing Money Better service to private sector tenants and owners.	£60,000	Yes (Warm Homes Fund and DCC funding)	?	Ongoing		
		D2. Solid wall insulation scheme (250 homes)	£500,000	No (ERDF bid)	?	Low Carbon ERDF Programme funding withdrawn April 2020 due to COVID – No bid possible		
		D3. HEET project (Energy friends)	£22,000	No (Interreg bid)	?	Horizon 2020 bid submitted 30 th September 2020 – awaiting decision Dec 2020		
		D4. Domestic Retrofit Measures	£2,765M (estimated)	No	?	BEIS LAD1a bid successful £1.8M retrofit properties in Chilton and Dean Bank.		
		D5. Work with landlords to improve building quality / energy efficiency / higher	£100,000	Yes	Private Landlords and Social	LAD1b bid submitted Decemeber 20 for further 350 homes £3.8M		

		standards and improve enforcement actions			Housing Providers			
		D6. Supporting low carbon heating in off gas homes	£2M	Yes (Warm Homes Fund)	?	43 Renewable Air Source Heat pumps and first time central heating systems have been installed in off gas grid homes across the County		
		D7. Home energy efficiency loan scheme	£150,000 (pilot)	In part?	?	£75K funding has been used to underwrite 25 Green Homes Grant top up loans		
		NEW: SMART Metering	?	?	NEA, UK Smart Meters	Information, support and advice to 65+ residents across Durham		
		NEW: Decarbonisation Pilot - 100 social homes with ASHPs, Battery and PV with EWI	130,000		Believe; Livin; Karbon			
	Geothermal Projects	G1. Further develop a district heating scheme for Durham City including Freemans Reach, Passport Office,	£150,000	No	n/a	Funding from BEIS has been secured to advance project to the business case.		

		G2. Support and enable a deep geothermal district heat scheme for Bishop Auckland	£4,810M	?? £2,886,000E RDF application submitted	Auckland Castle Trust	Extensive preparatory work has been completed on behalf of both The Auckland Project and BEIS by some of the UK's leading geothermal experts. A recent techno-economic appraisal completed by Arup/BEIS confirmed viability and concluded that the scheme has the potential to deliver significant carbon savings and wider social benefits for the local population. TAP continue to seek funding to progress with more detailed development and for capital funding for the construction of the deep geothermal doublet well system and accompanying heat network. ERD bid not submitted		
		G3. Undertake research to identify opportunities for mine-water and other sustainable heat (and cooling) schemes across County Durham – includes heat storage	HeatHub (£15,000) Durham university joint post,(£50,000) Earth Sciences students free except for staff time	In part. Durham Uni contributed £15,000	Durham University, Coal Authority	Students completed research on proximity of pumping stations to centres of population but concluded - limited, financially viable opportunities. Ongoing review and research required.		
		NEW: Hawthorn/Jade	£25,000	No	Coal Authority	Funding confirmed. Feasibility to progress in 2021.		

		G4.Support a mine-water district heating scheme for Seaham Garden Village	£3M	Yes (HNIP confirmed)	Coal Authority	HNIP funding received, project progressing to build out.		
		G5. Assessment for use of pumped mine-water heat in Horden	£25,000	Yes	Coal Authority	Limited progress, Feedback from the TCA (a key partner) awaited.		
Transition to EV and Sustainable Travel	EV Infrastructure	EV1. Install at least 100 community backed EV charge points in more rural areas of County Durham within 5 minutes' walk of properties without off-street parking (SOSCI Project)	£1.25M	Yes	Community groups / organisations	First 50 EVCP units are ordered, 37 expected to be fitted November for batch 1a. Progress is being made to identify batch 2 and 3 from the 246 sites mapped out.		
		EV2. Community EV infrastructure in more urban areas of the County (complements SOSCI)	£200,000	No	n/a	Successful in bids outcomes WEVA and DOCs projects. WEVA procurement tender going out for a contractor in next week. 10 EVCP to be fitted in the Stanhope area. Awaiting response from OLEV on the DOCs project.		
		EV3.Facilitate the provision of ultra- rapid EV charging and EV filling stations where appropriate	staff time	n/a	Commercial Partners	Rapid EVCPs planned for batch 1b in Belmont and Nevilles Cross.		

		EV4. Encourage and incentivise commercial organisations to switch to EVs – especially taxis, fleet and delivery firms	staff time	n/a		SOSCI have received emails from businesses requesting charge points to enable them to change their fleet to EV. SOSCI is currently looking into 3 locations to assist a company car change. These are included in batch 3. Although the EVCP wont be solely designated to the business they will be for public to use as well. Car parks being used have 24-7 access to support business and over night charging. Also Highways England Bid - Try before you buy (Helen Grayshan)		
		EV5. Explore two-way EV charging infrastructure as the technology develops (V2Street project)	£4,500	Yes		Meeting held with Nissan and E-on to explore their V2G offer. A programme of site audits is to be undertaken, free of charge, on our depots and other suitable buildings to assess the potential.		
		EV6. Investigate gaps in the network and opportunities for additional installations, including tourism hotspots	staff time	n/a	Visit County Durham	SOSCI continues to look into locations for best positions of EVCPs. Batch 1a includes Bowlees centre in Barnard Castle. Potential EVCPs in Crimdon dene caravan park.		
	Alternative Fuels	AF1. Work with partners to research new technologies for vehicle fuel such as hydrogen, bio gas, etc.	staff time	n/a	NELEP, Regional Transport Team, INTEGRAL	DCC not currently in a place to pursue funding hydrogen infrastructure in the County as the technology, nor demand, is not at the required level. Costs associated with this kind of technology are prohibitive at this time		

Cycling and Walking Strategy	C1. Completion of Local Cycling and Walking Infrastructure Plans for 12 main towns (LCWIPs)	£280,000	Yes		First 3 LCWIPs for DHM, CLS and NA will be complete by Jan 2021 (£70,000). Funding to be sought (ongoing)	70,000	
	C2. Park that Bike (2 years cost)	£65,000	?		New contract (£50K) due to commence Jan 2021 and be complete by April 2024. to deliver 300 stands and 6 secure bike stores		
	C3. Construction of priority routes identified in LCWIPs and associated infrastructure	£500,000	No		LCWIPs to be completed by end of Jan for 3 towns. Funding sought as mentioned		
	C4. Complete construction of Great North Cycleway (NCN 725)	£500,000	No		Construction continues in phases		
	C5. Construct Cycling Super Routes linking key settlements within 5 miles of Durham City	£500,000	No		Brief for LCWIP Lite study being drafted		
	C6. Support the use of e-bikes and e-cargo bikes especially for last mile deliveries	?	n/a		Support ongoing. New service on offer in Durham City working with various small businesses.		
	Integrated Public Transport	PT1. Comprehensively redesign / develop Durham City's bus station as the County's main bus interchange	8M 10.4M	Yes		£3.6m DfT funding (towards the estimate), is due to be drawn down at the Regional JTC on 19th Jan. No comms or publicity before then. Demolition to then start 15th Feb. Construction of new build in June 21, and opening in August 22.	

	PT2. Extend real time information, journey planning software and interactive mapping information	3.2M	? (Transforming Cities Fund bid)		Existing County Durham Interactive Public Transport map to be retendered during 2021 with new contract starting April 2022. Enhancements made to Traveline North East journey planner July 2020. Existing North East Real Time Passenger Information (RTPI) system to be replaced as part of regional project by December 2021.		
	PT3. Identify and introduce bus priority measures in areas of need	35000 £349,000	? (TCF bid – 2 projects) Yes £198K DfT Funding		This is Gillesgate and Shincliffe A177 bus lanes. £349k in total. £198k DfT funding contribution is due to be drawn down in September 2021. Construction commencement in November 21 after New Elvet Bridge is complete. Open in Spring 22.		
	PT4. Continue the commitment to underwrite a comprehensive bus network for the County	£2.5M	Yes		Covid emergency continues to be a major threat to viability of services due to distancing suppressing travel by bus. Covid Bus Service Support Grant assisting with increased net spend up to the end of social distancing measures. Work ongoing with major operators and regional colleagues on post-CBSSG network scenarios		
	PT5. increased P&R provision	£4.5M	? (Part of TCF bid - one additional site)		Investigating land acquisition at Stonebridge Commenced Land acquisition for extension at Sniperley Design of extra site		

		PT6. Bring in electric buses for the Durham City park and ride routes (cost per bus)	£250,000 per bus	?		Options appraisal for bus/charging method Financial comparison of diesel versus E-bus options Identification of potential suppliers and technical discussions Assessing options for renewable energy provision through solar car ports		
		PT7. Support a transition to ultra-low emission buses across the County (cost per bus)	£25,000 per bus	?	Bus companies	National bus strategy delayed until around February 2021. Need to be seen whether previous government aspirations in respect of local bus services remains the same in the face of the impacts of covid-19		
	Broadband	B1. Reduce the need to travel through IT including increased roll out of high-speed broadband connectivity, especially in rural areas	£8.54M	Yes	Digital Durham	Contract 2 of the superfast programme is currently ongoing. Delivery under the contract, which includes coverage to other areas in the North East, is expected to be completed by Q1 21/22. Delivery to County Durham is expected to be completed during Q4 20/21. Note the budget has now increased due to additional work that was contracted for Tees Valley (original figure £8.54m)	£8.4M	
	Transport Behaviour	TB1. Support a programme of sustainable travel awareness campaigns across all sectors and geographies in the county	staff time	No		Campaign calendar developed for council staff. Measure delivered to promote & encourage sustainable travel choices		

	TB2. Run a campaign to raise awareness of and prevent the pollution resulting from vehicle engines left idling (e.g. taxis, buses, school pick up etc)	staff time	No		We have liaised with local campaign groups about this but Covid has prevented any progress towards a wider campaign. In the interim we have established that DCC drivers are expected to turn their engines off when idling. Climate change awareness is now part of all staff job descriptions and this can be part of the future behaviour change programme		
	TB3. Explore opportunities for an increase in car clubs	staff time	No		Currently exploring the potential for a model to develop additional car clubs with community groups across the county		
	TB4. Support sustainable transport research projects with partners such as Decarbonate, etc.	staff time	n/a		We have supported urban foresight on an EV project in the North east. We are providing old EVCP units to Durham university.		

Natural Environment/Agriculture	Policy	Pol1.Explore the implementation of a Carbon Offsetting Fund for use by developers, businesses and their carbon and choose to support the programme of carbon storage schemes below	£40,000	Yes	North Pennines AONB, Forest Carbon	<p>1. DCC is working with AONB to identify sites and negotiate with land-owners to undertake Peatland code verification to create opportunities for carbon credit off-setting with businesses. The Raby estate is undertaking a carbon auditing exercise of it's land assets as a result of the discussions. Two other land-owners have declared an interest in the Peatland code for the development of their Peatland assets. If/when a suitable site is made ready investment will be sought from Co Durham businesses wishing to off-set their residual CO2. Such a project would be the first of it's kind in England. Projects and carbon credit off-setting opportunities expected to be available from Q3 2021.</p> <p>2. A new Woodland code opportunity has arisen close to Bishop Auckland. 13 Hectares of farmland will be planted with 2000+ trees, mostly broad-leafed, from early in 2021. Once the quantity and mix of trees has been established the initiative will be measured and validated for carbon credits during the spring of 2021. Off-setting investment will be available from Q2/3 2021. The intention is to create a community woodland hub with investment from local businesses and enterprises. Local</p>		
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	Peatland	Peat1. Enhance the rate of peatland restoration through the Peatland Programme with the AONB Partnership.	£50,000	Yes (£50,000)	North Pennines AONB	On course to restore peatland identified.		
		Harwood	£173,771					
		Holwick	£259,708					
		Valance Lodge	£750,718					
	Blue Carbon	BC1. Blue carbon: off- shore oyster / mussel bed creation and kelp eco-system development (stores three times as much carbon as tree planting but Durham's seabed has been badly damaged)	£40,000	Yes	Heritage Coast Partnership	<p>A regional Blue Carbon/Marine Habitat Restoration Group has formed. At the moment this includes EA, NE, DCC and the Tees Rivers Trust given their IMMERSE project.</p> <p>Initially this is bringing together current activity and sharing knowledge, experience and skills. There is a small number of pilot projects underway.</p> <p>Govt now have a marine strategy that supports this type of activity.</p>		
	Tree Planting	TP1. Major tree planting and habitat creation schemes across the County to maximise carbon storage, working with partners, communities, AAPs, schools and landowners.	£300,000	Yes	Communities, AAPs, Schools, Landowners	Officer in post. First batch of potential planting sites growd-truthed and sent to CPaL to check deeds and site constraints. Report to Corporate Property Board to agree this procees, leading to a portfolio of planting sites has been approved.	£15,421	
TP2. Support the Durham Woodland Revival project to manage and plant woodlands with partners,		£820,000 (4 years)	Yes		Ongoing			

		landowners and communities						
		TP3. Durham Hedgerow Partnership	£20,000/pa	Yes	Durham Hedgerow Partnership	Hedge planting planting and management schemes now underway, to be completed by end of March		
		TP4. Managing DCC woodland estate . 2000ha of DCC woodland under management, with Forestry Commission approved plans	n/a	n/a		Ongoing		
		TP5. Tree Week grants for small projects in community and landowners	£6,000/pa	Yes		The scheme is now open and applications are coming in. Planitng to be complete by end of March 2021		
		TP6. Urban Tree Challenge Fund, to plant larger specimen trees in towns and villages	£1M	Yes	Karbon Homes & Believe	Yr 2 of the UTCF 1 is almost complete. UTCF 2 is also underway. Several thousand whips currently being planted along with remianing standards. This phase will be complete by the New Year then we will be on to the maintenance phase for the next 3 years.	290,000	
	Land Management	LM1. With Durham University and other partners undertake a programme of research into the effectiveness of different natural carbon storage systems	staff time	n/a	Durham University	Once the new Environment and Climate Change Partnership is established this will become one of the areas of action		

		LM2. Promote existing guidance for land managers across the County on maximising carbon storage (includes large land owners, T&P Councils, allotment holders, tourist destinations, etc)	staff time	n/a		Ongoing		
		LM3. Implement an urban street tree replacement scheme including urban fruit trees	?	No		Ongoing		
		LM4. Promote green infrastructure and green wall schemes alongside <u>reduced mowing regimes</u> and managed urban rewilding through the Planning process	funded through S106	n/a		No delivery in 2020, due to COVID issues. Planning for work for 2021 delivery has continued.		
		AGR1. Consider how soil conservation, soil regenerative farming, and agro-ecology can be promoted with farmers and landowners	staff time	n/a	Durham Food Group, NFU	Discussions ongoing on various fronts - including NECCC partnership working groups and UK 100 coalition. Progress is expected once the new Climate Emergency Strategic Board is established, with this as a priority area		
Waste Reduction, Reuse and Recycling	Waste Management	WM1. Consider the introduction of a food waste collection scheme to households across County Durham.	?	No		Consultation round 2 indicated as still happening despite COVID and as early as January 2021. Strategic Waste continue to network with Defra and LARAC over this and await release of the consultation documents. Increasingly 2025 looks the more likely introduction date and not 2023 as originally envisaged.		

	WM2. Promote and encourage home composting with carbon management guidance.	?	Yes		DCC actively promote and encourage residents to purchase subsidised home compost bins. See: http://www.durham.gov.uk/composting		
	WM3. Promote the uptake of garden waste collections to households across County Durham.	?	No		The start of the 2020 chargeable garden waste scheme was delayed this year by 4 weeks to the current pandemic. Collections are being provided on Saturdays and Mondays in order to ensure resources are available for refuse and recycling collections from households to take place. There are currently approximately 61,000 subscriptions to the service (£35 per bin subscription). DCC have in-housed the operation and processing of the garden waste from this season at the Joint Stocks site at Coxhoe. The service is operating well and is well received by customers.		
	WM4. Provide information and advice to residents, schools, businesses and community groups in order to facilitate awareness and behavioural change towards sustainable waste management practices	?	No		The strategic waste management team have carried out 71 number of community, school and business roadshow events in relation to sustainable waste management practices during April 2019 – March 2020. This aspect of community engagement is currently on hold.		

	Plastics	Plas1. Continue to promote sign ups to the Single Use Plastics Pledge across Durham in order to encourage the reduction of, and seek alternatives to, the use of single use plastics	?	No		The dedicated task group continues to promote the reduction of SUPs across DCC and County Durham. To date there are 272 sign ups from schools, community groups, businesses and individuals from across County Durham. There are 271 sign ups across County Durham to the Northumbrian Water Refill Scheme. A dedicated action plan is available for this area of work which links into the County Durham Climate Emergency Response Strategy.		
	Procurement	Proc1. Sustainable procurement – research and produce guidance on carbon reduction in procurement across all sectors	staff time	n/a	NEPO?	A short series of webinars with NEPO for SMEs on using environmental TOMs properly to increase chances of success.. NEPO are keen to do more on the environmental side. Work within DCC to select and improve the TOMs we use		
Awareness Raising	Schools	Sch1. Continue and grow schools work through OASES to include home energy awareness	£20,000 per annum	?	OASES	Base contract has been extended for next year. This will enable additional services such as home energy to be incorporated into it. Initial scope drafted, undergoing review. Aim to start home energy project in first half of 2021. Programme start has been delayed due to Covid and furlough but plan to begin in early 2021	0	

		Sch2. Children 4 Climate Change. In collaboration with Durham University OASES are working with schools across County Durham to understand climate science and provide active citizenship opportunities to raise awareness in communities through interactive website	?	?	OASES, Durham University	The programme will work with 25 schools in total. First six schools have completed: Crook Primary; Esh Winning Primary; Ribbon Academy; Timothy Hackworth Primary; Cockfield Primary; Cleves Cross Academy. Another 4 to complete by March 21. Programme involves awareness raising and climate research and production of green screen films by pupils to view on programme website http://c4cc.org.uk/	zero from CERP	TBC
	Communities	Com1. Set up a revolving loan scheme to support carbon reduction projects across the community	£500,000	No		HG been speaking to others in the Council on how they do it e.g. Housing - bringing homes back into use - existing models. Going to look at an external model too. Potentially 3 examples on how to administer it. Can we ask for a minimum carbon return - what is our criteria going to be? What are other local authorities doing? Putting a draft paper together for circulation round our team		

	Com2. Large scale programme of awareness, involvement, to support behavioural change, and promote community grants/opportunities. Working with AAPs, Town and Parish Councils and other community organisations	£50,000	?		A number of challenges encountered internally due to the covid pandemic have had an impact on the delivery elements of this project. However we are now beginning development of the website, content material and branding, looking at internal and external practices on raising awareness (workshops, events etc) that will help communicate Climate Change. In addition there is a programme of communications and engagement activities being developed which again will look at internal and external audiences which entails working with corporate comms, AAP's and partners.		
	Com3. Set up and manage an online interactive website for the climate emergency	staff time	n/a		Falls under Comm2		
	Com4. What you can do section for Website	staff time	n/a		Falls under Comm2		
	Com5. Engage with local, technical expert organisations in order to align research, development and investment priorities	staff time	n/a		Falls under Comm2		
	Com6. Work in partnership with public health bodies on shared goals such as active travel and wellbeing	staff time	n/a	Public Health	Falls under Comm2		
	Com7. Promote the Environment Awards, in particular the Innovation	staff time	n/a		Some delay, but progressing		

		and Climate Change categories						
	Research and Innovation	RES1. Engage in multiple joint research projects with Durham University and Energy Institute to actively engage students on our work and add extra research capacity to our work.	staff time	n/a	Durham University		For the third year in succession an excellent group of Earth Sciences students are undertaking research for us on technical mine water heat challenges. The INCLUDE project is providing us with a researcher for one year to explore social inclusion in our work. A Masters student has just completed a detailed assessment of carbon opportunities for Durham. Partners from the DEI Board are working with us on a range of technical issues.	
		RES2. Work across the region with Local Authority partners and the NELEP in order to develop regional projects and to learn from regional best practice.	staff time	n/a	NELEP		Work continues to progress. Best practice being shared amongst local authorities (provide examples).	