

Appendix 3

Theme	Action	Responsible	Emissions impact – Direct, Area, Influence and education	Why are we doing this?	Reduction aim	Timeframe	Total indicative cost	Notes
CULTURAL	Using LGA methodology, report and publish the Council’s direct greenhouse gas (GHG) emissions from natural gas, electricity and directly controlled owned transport and grey fleet annually	Climate Change Officer	Influence/ education	Transparency, accountability, tracking progress, identification of areas for improvement	Net zero by 2030	Annually 2021/22 – available June 2022	Internal resource	Intention to include reporting on water and fugitive emissions in 2022/23
CULTURAL	Continue to expand scope of reporting in line with available data (to include some scope 3 emissions)	Climate Change Officer	Influence/ education	Acknowledgement of the impact of scope 3 (particularly outsourced) emissions on true Council ‘carbon footprint’ Data provides means to direct and influence emissions of key suppliers				2021/22 Emissions report for four outsourced leisure centres available
CULTURAL	Embed the use of a ‘climate change impact assessment’ in Council decision making	All	Influence/ education	Transparency, visibility So that climate change impacts are considered at every stage of Council decision making	Qualitative	Trial November 2021 – April 2022	Internal resource	
CULTURAL	Ensure senior leadership and management have undertaken Carbon Literacy training	Climate Change Officer	Influence/ education	To ensure senior leaders achieve the behavioural change necessary to address the scale and urgency of the climate emergency, meet the Council carbon neutral target and help address	Qualitative	Course planned – 13/10	£900 (corporate training reserve)	Course outcomes will be cascaded by senior leaders to colleagues

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				emissions in the district area				
CULTURAL	Raise awareness and provide training opportunities around the climate change issue to colleagues	Climate change Officer	Influence/ education	To begin to embed the behavioural change needed to meet our Council targets and to influence wider change in the area	Qualitative	Intranet site updated – training module available Electric vehicles webinar offered to colleagues 7/7/21	Internal resource	
CULTURAL	Revise the procurement strategy and agree a corporate approach to ensure that the tendering process for future contracts requires suppliers to demonstrate a commitment to emissions reduction	Procurement Manager?	Scope 3 Area	To reflect the purchasing power of the Council and the opportunities to influence emissions reduction in the supply chain	Qualitative	Strategy review – May 2022	Internal resource (plus support from DCC – query external support required)	
CULTURAL	Develop a ‘social value and sustainable purchasing’ policy that complements the strategy and sets up clear expectations to suppliers Provide training for colleagues to support the implementation of this policy	Procurement Manager	Scope 3 Area	As above	Qualitative	TBD	Internal resource (plus support from DCC – query external support required)	
CULTURAL	Amend the ‘Events Strategy’ for events on Council owned land to require organisers to demonstrate an awareness of	Events Officer	Area	Acknowledging the impact of events including emissions through use of generators, travel to	Qualitative – emissions from events not measured	By Summer 2022	Internal resource	

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	the environmental and climate change impact of the event			events, waste generated etc.				
CULTURAL	Make Hall Leys Park in Matlock ‘generator free’ by installation of further electric points for event organisers to use	Events Officer	Area	Stationary generators are used at many events to provide light and power. These generators produce GHG emissions. Installation of this infrastructure will support event holders to lower their climate impact and support the amendment of the events strategy	Qualitative	TBD – when works complete to support transition	Installation of 3 electric points – indicative cost £7000	Hall Leys Park hosts the main commercial events which will have the highest emissions impact
CULTURAL	Consider the role of recruitment to ensure that new staff joining the Council have an understanding of the climate change target and how their role might fit	Senior Management Team	Direct and scope 3 Influence/ education	To ensure that colleagues recruited to the organisation are aware of the priority given to climate change within the Council. This will build a culture that ensures all colleagues consider the climate change impacts of decisions made in their roles as well as contributing ideas and driving the agenda forward	Qualitative	Ongoing	None	Consider the ongoing skill set needed in certain roles
ENERGY	Implement energy efficiency and heat decarbonisation measures at 3 main Council	Climate Change Officer, Estates and	Direct – scope 1 and 2	Emissions from buildings represented over 50% of the total in the 2019/20 baseline year.	Net zero by 2030 Emissions reductions to	Surveys and report – available	Spend allocated in the 2020/21 2022/23 capital programme –	Grant funding for these works to be sought from the Public Sector

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	sites - depot, ABC and town hall	Facilities Manager		The identified sites have the highest gas and electricity use of the Council estate	be quantified following full surveys	By Dec 2022 (subject to funding)	65k – energy efficiency measures 150k – decarbonisation of heat at town hall 55k – decarbonisation of heat at ABC and depot 467K – roof solar PV installation	Decarbonisation Scheme
ENERGY	Continue programme of LED replacement in all public toilets and occupied Council buildings	Estates and Facilities Manager	Direct – scope 2	Electricity use across the rest of the Council estate is relatively low	Up to 15% annual emissions savings (when included with works to main estate)	Ongoing	Revenue funded	All remaining public toilets to be fitted with LEDs and remaining occupancy detection sensors
ENERGY	Deliver programme of works to decarbonise Ashbourne Leisure Centre	Estates and Facilities Manager	Scope 3	Currently the centre is a high gas user. The works will remove the gas fired boiler and reduce emissions	Reduction of 123.4t CO2e per annum	By Feb 2022	£734,006.11 in 2021/22 capital programme	Works funded by Public Sector Decarbonisation Scheme grant
ENERGY	Move the Council to 'green' supply of renewable electricity and review gas supply to see what options are available for supply of 'green' gas	Climate Change Officer, Estates and	Direct – scope 1 and 2	The Council plans to self-generate as much electricity as possible within the time frame of the strategy however	TBD - In 2019-20 consumption was 851,729 kWh of	By end 2024 (current contract 2020 – 2024)	TBD	Will require a thorough review to ensure 100% renewable

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ENERGY		Facilities Manager		<p>there is likely to still be an ongoing demand beyond 2024</p> <p>The Council may continue to use gas beyond 2024 depending on the programme of works. Smaller sites may not be suitable for electrification of heating.</p>	electricity and 820.613 kWh of gas			<p>electricity is purchased. Energy companies are currently able to market tariffs as 'green' even if some energy comes from fossil fuels, as long as this is offset by Renewable Energy Guarantees of Origin (REGOs). The regulatory framework for transparency of carbon content in energy products is currently under review.</p> <p>Tariffs for supply of 'Green gas' (biomethane) may also be included for regulatory review</p>
	Build a technical and business case for the installation of ground mounted solar PV array(s) on Council land	Climate Change Officer	Direct – scope 2 Area (if the Council can generate	Despite plans to reduce demand and to self-generate by installation of solar PV panels on buildings the Council will	Net zero by 2030	Complete feasibility studies – April 2023	First stage feasibility £30k Significant ongoing capital	

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			surplus to requirements)	have an ongoing demand for electricity In order to meet the target of being carbon neutral by 2030 an installation of a minimum 2MW ground solar PV array is required			investment required	
TRANSPORT	Transition the Council light goods vehicle fleet to low emission vehicles	Director of Community and Environment?	Direct – scope 1	Emissions from Council owned fleet represented 37.1% of total emissions in 2019-20 (299.5tCO2e)	150 tCO2e by 2030 (fall of 58% compared to 2019-20 baseline)	Fleet review – by Dec 2021 Infrastructure review – Spring 2022 Ongoing - to complete by 2030	Like for like vehicle costs – predicted to be £475k with likely fuel saving of £45k. Infrastructure – electric vehicle charge points TBD. Can be part funded by government workplace charging scheme	Programme to be undertaken in line with Clean and Green review – to ensure match with operational needs HGV vehicles – continue to monitor market for viable alternatives
TRANSPORT	Support the shift to electric vehicles in the district by supporting local Council licenced hackney carriage and private hire vehicle drivers to transition to electric vehicles	Climate Change Officer	Influence/ education Area	Scatter 2018 data – 21.3% of total area emissions (201,625 tCO2e) from on road transport	Qualitative	Taxi course – September 2021	None – externally funded	The Council can access free support from the Energy Saving Trust (EST)

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				Taxis are exemplar vehicles, doing high mileage				
TRANSPORT	Install electric vehicle charging points in 2 more Council car parks	Neighbourhoods Officer	Area	As above Providing charging in car parks facilitates charging for residents without off street parking Ensuring charging infrastructure is accessible to all communities – including those outside the market towns	Qualitative	By Summer 2022	TBD	Installation part funded by government ‘on street residential charge point scheme’
TRANSPORT	Raise awareness of electric vehicles in the community	Climate Change Officer	Area	As above	Qualitative	Ongoing- first community webinar offered September 2021	None – EST support	
TRANSPORT	Work with the County Council and other local authorities to develop an ongoing strategy for future charge point installation	Climate Change Officer	Area	As above	Qualitative	Strategy development and consultation ongoing – report expected early 2022	TBD – depending on delivery model used	DCC have commissioned a demand assessment for EVCPs across the county. The study will also assess where the infrastructure needs to be installed to help meet that projected demand

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TRANSPORT	Complete a staff travel survey and develop a staff travel plan	Climate Change Officer	Direct – scope 3 Area	Emissions from ‘grey fleet’ (staff using their own cars on Council business) was 3.9% of the total (31.9t CO2e) in 2019/20 Will also be quantified in area emissions Emissions from commuting are not yet understood but will contribute to wider areas emissions – see above	TBD depending on survey outcomes	Implementation by Sept 2022	Internal resource Cost of implementation of plan TBD	Timed to allow survey to take place when staff are back to the ‘new normal’ in terms of working arrangements
NATURAL CAPITAL	Work as a partner with Derbyshire Wildlife Trust to enable natural flood management work in the Derwent catchment	Climate Change Officer	Area	Adaptation to the impacts of climate change is vital, flooding is a real risk to our communities along the Derwent	Qualitative	Funded to March 2023 but 30 year programme planned	£680,000 (externally funded) project – no cost to Council Internal resource	Grant funded (DWT grant from the Green Recovery Fund)
NATURAL CAPITAL	Continue programme of verge ‘rewilding’	Director of Community and Environment	Area	Improving biodiversity has positive impacts on resilience and adaptation to climate change	Qualitative	Ongoing		
NATURAL CAPITAL	Develop a plan for community tree planting	Director of Community and Environment	Area	Tree planting increases capacity for natural sequestration of carbon. In the right locations planting can also act as	Qualitative – measurement difficult as area/species	Programme available April 2022 Implementation TBD		

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				natural flood management, reducing run off	and time dependent			
WASTE	Reduce waste generated by the Councils own operations	Director of Community and Environment	Scope 3	Disposal and treatment of solid waste and wastewater produces GHG emissions through incineration, aerobic and anaerobic decomposition.	TBD - emissions from waste generated by Council operations has yet to be quantified	TBD		
WASTE	Increase % of household waste which has sent for reuse, recycling, composting or anaerobic digestion	Director of Community and Environment	Area	Scatter 2018 data – 2.43% of total area emissions (22,960 tCO2e) from disposal and treatment of solid waste and wastewater	61.9% of solid waste was sent for reuse, recycling or composting in 2019-20	TBD		Since 2010-11 average total kg of waste collected per person per year has fallen from 446 to 379.6 Total % recycling rates have risen from 41.2 to 61.9
HOUSING AND DEVELOPMENT	Deliver ongoing phases of the Local Authority delivery scheme to retrofit housing - improving energy efficiency, reducing emissions and alleviating fuel poverty	Climate Change Officer	Area	Scatter 2018 data – 16.3% of total area emissions (154,215 tCO2e) from residential buildings	SAP measurements used to quantify reductions - schemes improve properties from EPC	Phase 2 – 89 properties By Dec 2021 Phase 3 – number TBD By March 2023 (if application successful)	£769,801 (£575,000 grant funded)	Phase 3 – A regional consortium application has been submitted (value £907,500)

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					G/F/E to D/C/B depending on property type and measures installed			
HOUSING AND DEVELOPMENT	Expand the delivery scheme to offer a 'retrofit' one stop shop to residents	Climate Change Officer	Influence/ education Area	As above – opportunity to expand the funded schemes to support 'able to pay' households		By March 2023	Cost TBD – but likely to be through grant funded (revenue element of capital funding)	Explore collaborative approach with other authorities – county wide?
HOUSING AND DEVELOPMENT	Support registered providers of social housing in the district to improve the energy efficiency and reduce the emissions of their properties	Director of Housing	Area	As above	SAP measurements used	By March 2023		If successful applications are made to the Social Housing Decarbonisation Fund to fund these works
HOUSING AND DEVELOPMENT	Work in partnership with colleagues across the County to enforce minimum energy efficiency standards in the private rented sector	Director of Regulatory Services – through Environmental health team	Influence/ education Area	As above	Proposals still in development – target properties will move to a minimum of EPC E	By March 2022	Grant funded – support to be provided by neighbouring authorities	Total consortium bid of £93,235.60 (with other Derbyshire authorities)
HOUSING AND DEVELOPMENT	Assess new planning applications using the approved Climate Change	Development Manager	Area	New built development, additions of floor space and changes of building use will all have an impact	Qualitative	Ongoing		

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	supplementary planning document			<p>on area emissions – both through the build itself, ongoing energy use, land use, location etc.</p> <p>The SPD provides guidance on the implementation of the relevant climate change policies in the Local Plan to enable the Council to work with applicants to maximise the opportunities for climate change mitigation and adaptation.</p>				
HOUSING AND DEVELOPMENT	To include considerations of climate change and environmental impacts in the local plan review in accordance with national planning policy frameworks	Planning Policy Manager	Area	<p>See above – specifically also in relation to the location of new development</p> <p>In December 2017 the Derbyshire Dales Local Plan was formally adopted. It sets out the policies and proposals for the use and development of land for the period 2013-2033.</p> <p>Local planning authorities are obliged by law to undertake a review of their Local Plans within</p>	Qualitative	Public Participation Draft Plan - April 2022 Public Participation Draft Submission Plan - October 2022 Adoption - June 2023		

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				five years from their adoption date to ensure that policies remain relevant and effective in addressing the needs of the local community				
COMMUNITY	Organise the visit of an interactive ‘fantastic homes’ exhibition vehicle to Derbyshire Dales towns/villages to engage and advise residents about domestic energy efficiency, renewables, low carbon heating and water use efficiency. The staff can also carry out community engagement – discussing local needs/ideas with residents	Climate Change Officer	Area Influence/ education	See emissions from housing – individual or community led action leading to collective reductions	Qualitative	Spring/Summer 2022	£3200 – allows for 8 days worth of visits. 4 x market towns (1 day each), plus clusters of villages to be visited over an additional 4 days Could be funded by LAD scheme revenue funding	Delivered by the Marches Energy Agency to include an experienced and knowledgeable member of staff with support from Council employees Includes free items to help householders save energy and water
COMMUNITY	Develop a community engagement plan – bringing residents discuss what collective action is possible on climate change	Climate Change Officer	Area Influence/ education	To address area wide emissions, engage ‘non engaged’ parts of the community – bring ideas/thoughts into action at scale	Qualitative	By end 2022	£1500 – funding for Marches Energy Agency facilitation of 4 community engagement events	Community engagement through events, outreach work (through the exhibition vehicle) Events will identify projects the community

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								wish to take forward – some may require ongoing support from the Council
COMMUNITY	Deliver a 'green exhibition/show' in the district - bringing together local groups, businesses and organisations to showcase solutions to the 'climate crisis'	Climate Change Officer/Events Officer	Area Influence/ education	To further engage the community, offer opportunities for relevant skilled trades to promote technologies and products, sharing of best practice and ideas	Qualitative	Summer 2022	TBD	<p>Would require collaboration at scale with partners including potentially DCC.</p> <p>Other partner organisations – Derbyshire Wildlife Trust, MEA</p> <p>Plus commercial offer – local businesses</p>