



FOR PUBLICATION

DERBYSHIRE COUNTY COUNCIL

**IMPROVEMENT AND SCRUTINY COMMITTEE – CLIMATE CHANGE,
BIODIVERSITY AND CARBON REDUCTION**

MONDAY, 23 MAY 2022

Report of the Executive Director - Place

Climate Change Performance Reporting - 2021-2022 Q4

1. Purpose

- 1.1 The purpose of this report is to present the Climate Change Programme Dashboard for Quarter 4 2021-2022.
- 1.2 The report has been developed to provide assurance to the Improvement and Scrutiny Committee for Climate Change, Biodiversity and Carbon Reduction on the role of the Climate Change and Environment Programme Board (CCEPB) in monitoring this performance, and to assist the Committee in fulfilling its role of providing oversight and undertaking scrutiny of the climate change programme's governance procedures and processes.

2. Information and Analysis

- 2.1 The Council's approach to monitoring and reporting on performance against the delivery of the Strategy and overarching carbon reduction targets was presented at a meeting of the Improvement and Scrutiny Committee for Climate Change, Biodiversity and Carbon Reduction held on 7 February 2022.
- 2.2 As set out in the report presented on 7 February 2022, a core mechanism for monitoring and reporting on performance is regular performance reporting to the Climate Change and Environment Programme Board (CCEPB). On a quarterly basis, the CCEPB receives

a Climate Change Programme Dashboard that provides details on performance against delivery of actions within the Strategy.

- 2.3 The Dashboard is designed in the same format and structure as the Council's Strategic Dashboard, which is used to report on performance against delivery of the Council Plan.
- 2.4 The Dashboard includes:
- A narrative at the start of the document on which actions are not on track, why, the potential impact, and the mitigations being carried out to get the actions back on track.
 - A narrative against overall performance against the Long List actions by 2025 that are likely to have the biggest positive impact on emissions reduction, and those which require the most immediate action and implementation.
- 2.5 Supporting the Dashboard is a detailed programme-level SMART (specific, measurable, attainable, relevant, and time-based) Action Plan. The Action Plan is also reviewed and updated in full on a quarterly basis.

3. Consultation

- 3.1 Details of the mechanisms for monitoring and reporting on performance against delivery of the Strategy was presented to the Improvement and Scrutiny Committee for Climate Change, Biodiversity and Carbon Reduction on 7 February 2022.
- 3.2 Monthly meetings are held with the Cabinet Portfolio Holder for Strategic Leadership, Culture, Tourism and Climate Change, during which, performance related to the delivery of the Strategy is discussed.

4. Alternative Options Considered

- 4.1 N/A.

5. Implications

- 5.1 Appendix 1 sets out the relevant implications considered in the preparation of the report.

6. Background Papers

6.1 N/A.

7. Appendices

7.1 Appendix 1 – Implications.

7.2 Appendix 2 – Climate Change Programme Dashboard 2021-22, Q4.

8. Recommendation

That the Committee:

- a) Notes the content of the Climate Change Programme Dashboard in Appendix 2.

9. Reason for Recommendation

9.1 To ensure that monitoring and reporting of performance against delivery of the Strategy and the overarching carbon reduction targets is carried out in an appropriate, meaningful, and effective manner and ensure the Strategy and actions remain on track and are delivered.

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Implications

Financial

- 1.1 The delivery of the actions within the Strategy will have financial implications for the Council. These will be considered on a project-by-project basis.

Legal

- 2.1 Some of the projects required to deliver the actions within the Strategy may have legal implications. These will be considered on a project-by-project basis.

Human Resources

- 3.1 Some of the projects required to deliver the actions within the Strategy may have Human Resource implications. These will be considered on a project-by-project basis.

Information Technology

- 4.1 Some of the projects required to deliver the actions within the Strategy may have Information Technology implications. These will be considered on a project-by-project basis.

Equalities Impact

- 5.1 Some of the projects required to deliver the actions within the Strategy may have Equalities Impact implications. These will be considered on a project-by-project basis.

Corporate objectives and priorities for change

- 6.1 The Strategy supports the Council's ambition to be a net zero organisation by 2032, or sooner, and for the county to be net zero by 2050.

Other (for example, Health and Safety, Environmental, Sustainability, Property and Asset Management, Risk Management and Safeguarding)

7.1 Environmental Sustainability

Delivery of the Strategy will improve the environmental sustainability of the Council and the county and in particular, will reduce greenhouse gas emissions.

7.2 Some of the projects required to deliver the actions within the Strategy may have other implications. These will be considered on a project-by-project basis.




Climate Change Programme Dashboard 2021-22, Q4

Overview

Strategy Theme	Good	Review	Action
Council Estate and Operations	3	3	3
Low Carbon Economy	2	5	0
Decarbonising the Domestic Sector	1	5	0
Transport, Travel and Infrastructure	3	3	0
Waste	2	2	0
Total	11	18	3

Delivery Theme	Theme Lead	Good	Review	Action
Council Property and Estate	David Beard	0	2	3
Procurement	Stuart Etchells	2	0	0
Highways	Neill Bennett	0	0	0
Fleet	Richard Bright	0	1	0
Schools	Iain Peel	0	0	0
External Transport and Travel	Richard Lovell	3	3	0
Low Carbon Economy	Paul Patterson	1	4	0
Planning	David Arnold	2	3	0
Internal Engagement and Training	Sally Pearson	1	0	0
External Engagement	Julia Odams	0	0	0
Natural Capital	Adam Lathbury	0	0	0
Waste	Ruth Robinson	2	2	0
TBC*/Climate Change Team	Caroline Toplis	0	3	0
Total		11	18	3

*indicates that the action does not currently fit within the remit of existing themes, for example, actions relating to domestic property retrofitting

-  Good On track or complete with outcomes in line with expectations
-  Review Some risk to achieving timetable and/or outcomes
-  Action Unlikely to achieve timetable and/or to deliver required outcome

Summary

Overall performance of the 32 priority actions within the Derbyshire County Council Climate Change Strategy: Achieving Net Zero (2021-2025) is presented in the table below.

For this quarter (Q4 2021-22), 11 priority actions (34%) have been allocated a **Good** rating, meaning that they are on track or complete with outcomes in line with expectations. This is a slight change from the previous quarter, where 12 priority actions (38%) were allocated a Good rating. This is due to a change in the status of priority action 25 (Support the implementation of the Derbyshire Cycling Plan and the Local Cycling and Walking Infrastructure Plan) from Good to Review.

18 priority actions (56%) have been allocated a **Review** rating, meaning that there is some risk to achieving timetable and/or outcomes. This is a slight change from the previous quarter, where 17 priority actions (53%) were allocated a Review rating. This is also due to a change in the status of priority action 25 from Good to Review.

Three priority actions (9%) have been allocated an **Action** rating, meaning that, at present, they are unlikely to achieve timetable and/or to deliver required outcome. These all fall under the Council Operations and Estate theme. This remains unchanged from the last quarter.

- (Ref 1) Identify land for renewable energy generation and carry out pre-feasibility assessments to identify whole life project costs.
- (Ref 3) Deliver Public Sector Decarbonisation Schemes and evaluate to inform further work.
- (Ref 4) Identify buildings to be retained and undergo energy efficiency retrofit.

As emissions from the Council's corporate estate account for almost 60% of the Council's total reported emissions, these three specific actions require attention in order for the Council's net zero target of 2032 or sooner to be achieved. Plans are being developed to bring these actions back on track, which includes the development of a Net Zero Strategy for the corporate estate, which will need to be clearly focused and have the necessary level of resources allocated to it.

Of those actions allocated a Review rating, the actions that have the potentially biggest negative impact on achieving net zero targets if not achieved require particular attention to ensure they are progressed sufficiently, these being:

Council Estate and Operations:

- (Ref 2) Develop a design standard for future estate development which sets the requirement to develop net zero enabled buildings which can be net zero but also resilient to future climatic changes.
- (Ref 5) Roll out a Council wide electric vehicle sharing programme and electric vehicle charging points at all key Council sites, coupled with a behaviour change campaign and evaluation of working practices to facilitate a zero-emission fleet.

Low Carbon Economy:

- (Ref 15) Work with local academic institutions, trade unions, and regional Chamber of Commerce to identify geographical areas for low carbon industry growth, as well as assessing and develop the capabilities and skills of the region in supplying those industries.

- (Ref 16) In line with Vision Derbyshire, continue working with Borough District councils to develop a Strategic Joint Planning Framework for Derbyshire to ensure that planning measures for net zero commercial buildings are integrated into Local Plans.

Decarbonising the Domestic Sector:



- (Ref 17) Conduct an updated feasibility assessment on the low carbon heat and renewable energy opportunities within the county.
- (Ref 21) Work with local authority and wider government partners to develop a Regional Skills Strategy that identify areas of upskilling within the house building and retrofit sectors, and creates investor-ready training programmes to receive support from the proposed National Skills Fund.


Transport, Travel and Infrastructure:



- (Ref 24) Support the new Enhanced Bus Partnership arrangements being introduced in Derbyshire as part of the new National Bus Strategy. This will involve Derbyshire County Council and the bus operators investing in new service provision, improved roadside bus infrastructure, mobility as a service, integrated ticketing systems, and upgraded information availability to provide an improved public transport offering to Derbyshire residents.
- (Ref 25) Support the implementation of the Derbyshire Cycling Plan and the Local Cycling and Walking Infrastructure Plan.




Brief details on mitigation measures for these actions are set out in the table below, with close monitoring of progress going forward recommended.



PRIORITY ACTIONS - Summary





Ref	Priority Action	Lead Theme	Target Date (for completion)	Success Measure	Status	Impact on net zero targets if not achieved	Notes
Council Estate and Operations							
1	Identify land for renewable energy generation and carry out pre-feasibility assessments to identify whole life project costs.	Property and Estate	2023	At least one feasibility study conducted per year leading to a proposal for capital work.		High	<p>ACTION: Unlikely to achieve timetable and/or to deliver required outcome. This is due to limited activity since 2015 and no confirmed large-scale projects yet in place, and other commitments within the asset management and estates teams putting strain on capacity at present.</p> <p>Corporate Property are developing a Net Zero Strategy for the Council's corporate estate, which quantifies the output required from major projects for renewable energy generation in order to help meet the Net Zero target. Both solar and wind power opportunities are being considered. Support from external consultants is likely to be required to progress any potential sites identified for renewable energy generation, with feasibility funding needed to support this work.</p> <p>PSP have been commissioned to reassess two potential ground mounted solar PV schemes that were previously granted outline planning permission: the former Williamthorpe Colliery and land at Mansfield Road, Temple Normanton, to ascertain their technical and financial viability, looking at alternative ways to sell the power, such as through Power Purchase Agreements. Once this assessment has been completed, it is proposed that further sites would be assessed.</p> <p>Mitigation: A coordinated working group has been established to assess progress and seek opportunities for scaling up this work in order to achieve the relevant targets and ambitions. A strategy for a Net Zero corporate estate is in development.</p>
2	Develop a design standard for future estate development	Property and Estate	2023	Design standard developed and approved, and		High	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to staff changes in Corporate Property in 2021 causing the work to come to a</p>



	which sets the requirement to develop net zero enabled buildings which can be net zero but also resilient to future climatic changes.			incorporated into formal council policy and an energy strategy.			<p>temporary standstill (although now starting to progress well).</p> <p>Five days of free consultancy was secured through APSE Energy's Innovation Competition in 2021 to determine which design standards are most appropriate for DCC's new school builds and office retrofits. It is intended that the standards will be included in any Council energy policies and design processes. Corporate Property have now finalised the draft design standards, which are undergoing review and consideration for implementation.</p> <p>Mitigation: The Theme Lead for Property and Estate is taking steps to finalise and test the standards, based on APSE's work.</p>
3	Deliver Public Sector Decarbonisation Schemes and evaluate to inform further work.	Property and Estate	2023	Three current schemes completed to time, with results monitored, evaluated and reported.		High	<p>ACTION: Unlikely to achieve timetable and/or to deliver required outcome. This is due to difficulties experienced in installing the planned low carbon heat technologies, leading to funding being withdrawn.</p> <p>A £1.891m grant was awarded to the Council through the government's Public Sector Decarbonisation Scheme (PSDS), managed through SALIX. This grant was for carrying out low carbon heat schemes at three Council properties: Ambergate Depot, White Hall Centre and Buxton Junior School, identified through feasibility studies funded by BEIS' Low Carbon Skills Fund.</p> <p>However, the proposed works at Ambergate Depot and the White Hall Centre encountered technical and procurement difficulties which meant that they could not be completed by the required deadline and therefore funding was withdrawn.</p> <p>The PSDS is not currently open to new bids for funding. When it is open for bids it is essential that feasibility work has already been completed to enable robust bids to be submitted.</p> <p>Mitigation: Corporate Property are reviewing potential buildings for future PSDS funding bids, which includes</p>




							using support secured through the Midlands Energy Hub to develop feasibility studies
4	Identify buildings to be retained and undergo energy efficiency retrofit.	Property and Estate	2023	Identification of which buildings provide the greatest opportunity for retrofitting and a high-level analysis of opportunities, costs and benefits carried out. Decision made on PV installation at County Hall.		High	<p>ACTION: Unlikely to achieve timetable and/or to deliver required outcome. This is due to no confirmed projects being in place yet, and other commitments within the property, asset management and estates teams putting strain on capacity.</p> <p>Ongoing but somewhat dependent on property rationalisation activities and speed of action. Proposal for three building feasibility studies developed, but next steps have not yet been confirmed. Of a £500k capital funds allocation to solar PV in 2011, around 75% is remaining, some of which was intended to be used to assess County Hall, subject to a feasibility study, which has not yet been completed.</p> <p>An Asset Strategy for the corporate estate has been developed with all buildings to be retained, for short term disposal and for further review identified. The value of all known disposals is quantified. Property rationalisation is a significant factor in reducing future energy use and carbon emissions.</p> <p>Proposed retrofit measures in development as part of the Net Zero Strategy being developed for the corporate estate, with potential projects being prioritised for completion by the end of 2025 and completion by the end of 2032. High-level analysis of opportunities, costs and benefits being carried out.</p> <p>Mitigation: The Theme Lead for Property and Estate is now taking steps to accelerate this area of work through collaborative working across teams and the development of a strategy for a Net Zero corporate estate.</p>
5	Roll out a Council wide electric vehicle sharing programme and electric vehicle charging points at all	Fleet,	2025	Targets for EV pool car use and fleet vehicle decarbonisation		High	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to demand for the use of Council fleet EVs reducing significantly during the COVID pandemic due to home working and reduced need to travel.</p>



	key Council sites, coupled with a behaviour change campaign and evaluation of working practices to facilitate a zero-emission fleet.			set out in the Service Plan met.			<p>Coordinated effort between sustainable transport (for the charging infrastructure) and fleet services (for the vehicles), as well as comms, HR and legal teams. Ongoing dialogues and joint working, but this area of work has stalled somewhat due to the COVID pandemic and changing working and travel practices. Change needed in order to reduce the carbon and financial impact of grey fleet travel.</p> <p>Place is in dialogue with Asset Management to ensure that proposed charging locations are in assets which are not subject to potential disposal, and are in suitable locations. The design standard for new build supports the EV strategy.</p> <p>Mitigation: A working group has been formed, including representation from sustainable transport, fleet services, HR, legal and comms, to establish a joint action plan to accelerate this work.</p>
6	Develop a Sustainable Procurement Framework using the UK government's green procurement guidance to embed environmental requirements and Social Value into all contracts.	Procurement	2022	Sustainable procurement policy developed and approved by Cabinet and an action plan developed for its implementation and monitoring.		High	<p>GOOD: On track or complete with outcomes in line with expectations</p> <p>A sustainable procurement policy has been drafted and is undergoing review and approval ahead of being published in May/June 2022. As part of the Council's use of the Social Value Portal, the National TOMs (Themes, Outcomes and Measures) Framework into will be incorporated into Council procurement contracts with the aim of achieving more sustainable value from procurements.</p>
7	Review the commissioning principles across all teams to ensure that climate change is embedded across our services and partner working.	Procurement	2022	Sustainable procurement policy developed and approved by Cabinet and an action plan developed for its implementation and monitoring.		High	<p>GOOD: On track or complete with outcomes in line with expectations</p> <p>The new sustainable procurement policy will embed sustainable procurement principles and practice into all procurements and commissioning carried out across the Council.</p>
8	Carry out a feasibility study to identify low carbon energy procurement options.	Property and Estate	2023	Feasibility study completed on an annual basis, and presented to CMT		Moderate	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to price and supply issues in the UK energy market.</p>



				for support or approval.			Feasibility study undertaken during summer 2021, but due to energy market issues, price rises and insufficient supply capacity within the Council's current energy supplier, it has been put on hold and will be revisited during 2022 to assess whether the feasibility of procuring a renewable energy tariff has changed. Mitigation: The feasibility study will be revisited during summer 2022.
9	Include climate change training as part of the induction process for all Elected Members and staff to strengthen knowledge of carbon emissions, climate resilience and net zero development.	Internal Engagement and Training	2022	All new staff to have undertaken mandatory e-learning module. Targets set for levels of participation by existing staff. Six 1.5-2 hour training sessions held over each 12-month period.		Moderate	GOOD: On track or complete with outcomes in line with expectations Following approval from the Corporate Management Team, a more comprehensive climate change training offering for staff and elected members is being developed and rolled out. An online climate change training module is to become a mandatory part of the induction process for new members of staff.
Low Carbon Economy							
Ref	Action	Lead Theme	Target Date (for completion)	Success Measure	Status	Impact on net zero targets if not achieved	Notes
10	Develop a Renewable Energy Strategy for the county including an energy resource assessment that identifies opportunities for renewable energy generation as well as decarbonisation of heating and energy use in homes.	Planning	2022	Renewable energy study complete and being incorporated in planning activities across the county		High	GOOD: On track or complete with outcomes in line with expectations Funding secured from D2N2, Midlands Energy Hub and the Derbyshire Economic Prosperity Committee. Project commissioned in December 2021 and to be delivered by May 2022. The renewable energy study is progressing well, with Work Packages 1, 2 and 3 complete. The Steering Group has been providing feedback to the consultancy team throughout. The project is expected to be complete by the end May 2022.




11	Work with the Midlands Energy Hub, D2N2 LEP and universities and colleges to build technical and economic capabilities to deliver renewable energy and low carbon heating projects.	Low Carbon Economy	2025	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		Moderate	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to much control and influence sitting outside of the Council.</p> <p>The Council's Economic Regeneration Team attend and input into relevant D2N2 groups and the Midlands Energy Growth Board to deliver objectives as set out in the Midlands Engine Ten Point Plan for Green Growth as well as wider ambitions around skills and training. Plans for collaborative projects are beginning to emerge.</p> <p>Mitigation: The Theme Lead for Low Carbon Economy and the Council's lead for skills and employment are increasingly fostering collaborative working with partners to accelerate this area of work.</p>
12	Liaise with DNOs and D2N2 LEP to understand grid capacity / constraints for generation opportunities.	Low Carbon Economy	2025	Ongoing dialogue established with relevant stakeholders and DCC's responsibilities and role clearly defined		Low	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to much control and influence sitting outside of the Council and to other commitments within relevant teams putting strain on capacity.</p> <p>The Renewable Energy Study will explore some of these issues, however, further focussed work is needed in this area. A scope for a Derbyshire Energy Strategy is in development.</p> <p>Mitigation: The Theme Lead for Low Carbon Economy, alongside the Climate Change Team, are exploring opportunities to accelerate delivery of this action.</p>
13	Deliver the Derbyshire Green Entrepreneurs scheme and provide additional support for reducing environmental impacts, driving innovation, and curating sustainable growth for smaller businesses.	Low Carbon Economy	2021	The success criteria of the GEF has been met or exceeded		Moderate	<p>GOOD: On track or complete with outcomes in line with expectations</p> <p>Good progress across the Green Entrepreneurs Programme, with applications and grants approved for the Demonstrator Fund and the Small Grants Fund, as well as ten Scholarship Grants awarded (as of March 2022).</p>
14	Take forward the COVID Recovery Strategy to identify	Low Carbon Economy	2021	Delivery plan in place and being progressed in line		Moderate	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to much control and influence</p>



	high carbon commercial industries, and support the business community in shifting to and benefiting from the low carbon economy through collaboration with climate change and carbon experts.			with established targets and objectives, with DCC responsibilities and role clearly defined			<p>sitting outside of the Council and to other commitments within relevant teams putting strain on capacity.</p> <p>This is informed by work through the D2N2 Growth Hub and Midlands Engine, which the Council is fully engaged with. Tangible collaborative projects are beginning to emerge. A scope for a Derbyshire Energy Strategy is in development.</p> <p>Mitigation: The Theme Lead for Low Carbon Economy, alongside the Climate Change Team, are exploring opportunities to accelerate delivery of this action.</p>
15	Work with local academic institutions, trade unions, and regional Chamber of Commerce to identify geographical areas for low carbon industry growth, as well as assessing and develop the capabilities and skills of the region in supplying those industries.	Low Carbon Economy	2025	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		High	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to much control and influence sitting outside of the Council.</p> <p>The Council's lead for skills and employment supports this work through relevant D2N2 groups and the Chamber of Commerce. However, more action is required within the county and region in order to meet ambitions around skills and employment. A scope for a Derbyshire Energy Strategy is in development.</p> <p>Mitigation: The Theme Lead for Low Carbon Economy and the Council's lead for skills and employment are increasingly fostering collaborative working with partners to accelerate this area of work.</p>
16	In line with Vision Derbyshire, continue working with Borough District councils to develop a Strategic Joint Planning Framework for Derbyshire to ensure that planning measures for net zero commercial buildings are integrated into Local Plans.	Planning	2022	Strategic Joint Planning Framework developed in collaboration with local authority partners and being incorporated into local planning activities.		High	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to other areas of focus taking precedent within planning working groups, and clear guidance from central government is awaited.</p> <p>This area of work has been paused while collaborative working with the District and Borough councils has focussed on the development of a Climate Change Supplementary Planning Guidance document. Options are being explored within the Vision Derbyshire Planning and Climate Change Subgroup on whether launching the development of a Strategic Joint Planning Framework would be appropriate following the publication of the Planning White Paper.</p>



							Mitigation: The Theme Lead for Planning is leading discussions and confirming a way forward with this action with the District and Borough councils.
Decarbonising the Domestic Sector							
Ref	Action	Lead Theme	Target Date (for completion)	Success Measure	Status	Impact on net zero targets if not achieved	Notes
17	Conduct an updated feasibility assessment on the low carbon heat and renewable energy opportunities within the county.	Planning	2023	At least one feasibility study conducted per year leading to a proposal for capital work.		High	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to other areas of focus taking precedent within relevant working groups, and clear guidance from central government is awaited.</p> <p>The Renewable Energy Study will start to look at this and identify broad opportunities. This is potentially also going to be explored through the Vision Derbyshire Climate Change Officers group, focussing on the heat network opportunity at Clay Cross, for example, and micro-generation opportunities. A scope for a Derbyshire Energy Strategy is in development.</p> <p>Mitigation: This area of work is being explored collaboratively with the District and Borough councils through relevant working groups.</p>
18	Use outputs of the Renewable Energy Strategy to work with partner local authorities to adopt a whole-system Local Area Energy Planning approach to increase onsite low-carbon energy generation and reduce the demand for energy.	Planning	2025	Renewable energy study complete and being incorporated in planning activities across the county. Renewable energy growth across the county		High	<p>GOOD: On track or complete with outcomes in line with expectations</p> <p>The Renewable Energy Study will explore this and identify opportunities for increasing renewable energy generation across the county. Local Plan reviews are happening over the next few years, providing the Council with have opportunities to influence this as well as wider low carbon planning and development. A scope for a Derbyshire Energy Strategy is in development.</p>
19	Through the Vision Derbyshire process agree the approach to supporting the decarbonising of	TBC/ Climate Change Team	2023	Delivery plan in place and being progressed in line with established targets and		Moderate	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to the wide scale of the challenge, capacity issues within all councils, and complexities around future potential central government funding.</p>



	homes recognising the specific opportunities and challenges faced by renters and homeowners and reflecting the need to particularly support those in fuel poverty.			objectives, with DCC responsibilities and role clearly defined			<p>This is being explored through Vision Derbyshire as a collaborative piece of work, linked to the Local Authority Energy Partnership (LAEP). Retrofitting domestic properties at scale is a key area of ambition for the District and Borough Councils. Since 2015, the Derbyshire Healthy Home programme has replaced hundreds of very inefficient and carbon intensive domestic heating systems with modern gas boilers and insulation. The programme will continue to introduce low carbon heating solutions where possible to support the council's carbon reduction targets.</p> <p>Mitigation: This area of work is being explored collaboratively with the District and Borough councils through the LAEP and Vision Derbyshire Climate Change Officers Group, with a workplan being established.</p>
20	Planning work with the districts and boroughs to develop a Strategic Joint Planning Framework for Derbyshire to ensure achievement of minimum energy standards and net zero housing development.	Planning	2022	Strategic Joint Planning Framework developed in collaboration with local authority partners and being incorporated into local planning activities.		High	See Action 16
21	Work with local authority and wider government partners to develop a Regional Skills Strategy that identify areas of upskilling within the house building and retrofit sectors, and creates investor-ready training programmes to receive support from	TBC/ Climate Change Team	2023	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		High	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to much control and influence sitting outside of the Council.</p> <p>The Council's Economic Regeneration Team attend and input into relevant D2N2 groups and the Midlands Energy Growth Board to deliver objectives as set out in the Midlands Engine Ten Point Plan for Green Growth as well as wider ambitions around skills and training. Tangible collaborative projects are beginning to emerge.</p> <p>Mitigation: The Theme Lead for Low Carbon Economy and the Council's lead for skills and employment are</p>


	the proposed National Skills Fund.						increasingly fostering collaborative working with partners to accelerate this area of work.
22	Develop an information sharing campaign to educate homeowners and renters on how to improve the energy efficiency of their property	TBC/ Climate Change Team	2022	Campaign developed and rolled out, in collaboration with local authority partners, with success monitored and reported		Moderate	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to the wide scale of the challenge, capacity issues within all councils, and complexities around future potential central government funding.</p> <p>This is being explored through Vision Derbyshire as a collaborative piece of work, linked to the Local Authority Energy Partnership (LAEP) and D2 Energy Action Group.</p> <p>Mitigation: This area of work is being explored collaboratively with the District and Borough councils through the LAEP and Vision Derbyshire Climate Change Officers Group, with a workplan being established.</p>
Transport, Travel and Infrastructure							
Ref	Action	Lead Theme	Target Date (for completion)	Success Measure	Status	Impact on net zero targets if not achieved	Notes
23	Promote integrated, and place-based development in transport planning as part of Derbyshire's COVID recovery and economic revival of market towns, to reduce emissions from first and last mile journeys and provide an economic boost to local retail and businesses.	External Transport and Travel, Planning	2025	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		High	<p>GOOD: On track or complete with outcomes in line with expectations</p> <p>This action is being progressed through various ongoing areas of activity. This includes the market town programme workstream, which includes sustainable transport and travel within its remit. Projects being led in the planning team (such as the development of the Supplementary Planning Guidance) and the sustainable transport team (such as work around active travel and EV charging infrastructure) are also contributing to this. The updated Local Transport Plan will include climate change considerations. The ongoing development of the Integrated Transport Plan continues apace with a series of workshops currently being undertaken with internal officer stakeholder groups.</p>

24	Support the new Enhanced Bus Partnership arrangements being introduced in Derbyshire as part of the new National Bus Strategy. This will involve Derbyshire County Council and the bus operators investing in new service provision, improved roadside bus infrastructure, mobility as a service, integrated ticketing systems, and upgraded information availability to provide an improved public transport offering to Derbyshire residents.	External Transport and Travel	2022	BSIP delivered, monitored and evaluated in line with the established aims and objectives.		High	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to a reduced level of funding secured for the BSIP.</p> <p>The Bus Service Improvement Plan (BSIP) submission was approved by Cabinet on 14 October 2021 and submitted to DfT. Confirmation received that the Council's BSIP has been successful with an indicative funding allocation of up to £47m awarded, around half of what the Council requested in the original bid. This reduced funding means that the scope of work has been reviewed. Work on Enhanced Bus Partnership continues. Countywide Transport Hub study complete via SYSTRA and report completed. The work incorporates considerations for connectivity to/from other modes and sustainable travel and is linked to the BSIP.</p> <p>Mitigation: Indicative funding has been awarded for the BSIP, the Council continue to work with DfT on the scope and programme of work to secure the final allocation.</p>
25	Support the implementation of the Derbyshire Cycling Plan and the Local Cycling and Walking Infrastructure Plan.	External Transport and Travel	2022	Key Cycle Network information updated and priority work carried out (subject to DfT funding).	 (last quarter ()	Moderate	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to unsuccessful funding bids that would have supported work in this area.</p> <p>Key Cycle Network information being updated. White Peak Loop is a priority at the moment. Active Travel Tranche 2 funding secured. Tranche 3 application submitted to DfT, which includes feasibility and design work on the White Peak Loop and development of the Little Eaton Branch Line, both key priorities in the Key Cycle Network. Notification in April that Tranche 3 application has been unsuccessful. Awaiting detailed feedback from DfT.</p> <p>Mitigation: Awaiting detailed feedback from DfT on unsuccessful Tranche 3 bid. Review of alternative delivery and funding routes being investigated.</p>

26	Support actions for increasing the uptake of active transport to reduce emissions particularly within marginalised groups, and improve health and wellbeing for all.	External Transport and Travel	2022	GP referral scheme, Wheels to Work, Smart Rider cycle safety scheme for school children, and adult cycle training carried out successfully. DfT Capability Fund funded work completed and findings implemented. Wider delivery plan in place and being progressed in line with established targets and objectives.		Moderate	<p>GOOD: On track or complete with outcomes in line with expectations</p> <p>Various areas of work relevant to this action are being progressed. This includes a potential GP referral scheme with Public Health, which would include targeting marginalised groups, such as people in deprived areas with high levels of health inequality (application for this pilot scheme was unsuccessful). Smart Rider cycle safety schemes for school children and adult cycle training are delivered by the Council's coordinated by the road safety team.</p> <p>The Council has secured funding from the DfT Capability Fund to undertake a range of feasibility studies supporting the Council's Local Cycle and Walking Infrastructure Plan.</p> <p>Rural Action Derbyshire's Wheels to Work programme provides moped and bike information, training and loans to help people access work training or education.</p>
27	Continue to support the above average growth of zero emissions vehicle ownership in the country by establishing public private investment partnerships to develop a network of mixed speed public charging and hydrogen infrastructure, which is affordable, consistent, accessible and user friendly for residents and visitors.	External Transport and Travel	2022	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		High	<p>GOOD: On track or complete with outcomes in line with expectations</p> <p>EV charge point work is ongoing. A consultant has been commissioned to undertake a study into potential demand across the county and to assess the preferred locations and types of charge points needed to meet this demand. This project involves working with the District and Borough councils, with a series of workshops undertaken. A long list of potential locations is to be developed and reviewed by the stakeholder group by the end of April/early May 2022. Currently working with a consortium, led by CENEX but also including DCC, Karshare and Co-Charger, looking at shared EV and EV Chargepoint ownership in a rural setting, concentrating on Buxton and Hope communities. If successful would lead to £100k funding from Midlands Connect to undertake and implement.</p>

							Low Carbon Mobility Task Force (through D2N2) is looking at hydrogen fuel and technology opportunities, which the Council is involved in.
28	Evaluate the use of smart technologies and alternative fuels to reduce the emissions associated with commercial and freight transports e.g. consolidation hubs, hydrogen sub-stations, transport mobility hubs, mobility as a service etc.	External Transport and Travel	2023	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		Low	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to limited capacity and higher priority areas within the relevant teams, as well as complexities around external funding for these areas of work.</p> <p>This action is being progressed through various ongoing areas of activity. This includes a feasibility study for two transport hubs in the county, exploring opportunities around Mobility as a Service, and opportunities for developing a portal for all transport information in the county. Note this has strong links with the BSIP which includes funding for transport mobility hubs.</p> <p>Mitigation: The Theme Lead for External Transport and Travel is leading the exploration of further opportunities, including increased working with relevant external groups and forums.</p>
Waste							
Ref	Action	Lead Theme	Target Date (for completion)	Success Measure	Status	Impact on net zero targets if not achieved	Notes
29	Identify solutions to increase the diversion of organic waste including food, soiled materials, carpets, organic textiles, etc. from landfill.	Waste	2023	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		Moderate	<p>REVIEW: Some risk to achieving timetable and/or outcomes. This is due to limited capacity at present in the waste management team, and due to the Council's limited direct control in this area.</p> <p>Recycling is predominantly the responsibility of the Waste Collection Authorities (WCA) through their kerbside collections. Recent Government consultations are likely to expand their obligations from 2023. The Council supports WCA activity financially through Recycling Credit payments.</p> <p>The Council is predominantly responsible for the disposal of residual municipal waste. It facilitates the increased diversion of the identified materials through its waste disposal/treatment contracts via new technologies rather</p>

							than landfill. The Council also promotes home composting, reduction of food waste through Love Food Hate Waste, for example. Mitigation: The Theme Lead for Waste is continuing to work closely with WCAs in this area.
30	Undertake a cross authority behaviour change campaign to promote reduction in waste and resource consumption in the home and businesses.	Waste	2022	Campaign developed and rolled out, in collaboration with local authority partners, with success monitored and reported		Moderate	REVIEW: Some risk to achieving timetable and/or outcomes. This is due to limited capacity at present in the waste management team, and due to the Council's limited direct control in this area. The Council as Waste Disposal Authority runs campaigns and where possible does so in partnership with WCAs. The campaigns focus on Household Waste Arisings (not business waste), as the Council only has a remit for the disposal of Household Waste arisings. Waste reduction messages are communicated where resources allow, although currently resourcing issues are likely to prevent large scale campaigns being taken forward. The Council continues to use social media messages as much as possible. Videos are currently being promoted to encourage food waste reduction and the plan is to promote more messages when resources permit. Mitigation: The Theme Lead for Waste is continuing to work closely with WCAs in this area.
31	Work with local producers and businesses to restrict the use of single use products and support the market for remanufactured goods.	Waste	2024	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		Moderate	REVIEW: Some risk to achieving timetable and/or outcomes. This is due to limited capacity at present in the relevant teams, and due to the Council's limited direct control in this area. The sustainable procurement policy will help to ensure that, when procuring contracts, departments will look to source products with recycled content and reduce single use plastics. This is to be supported by the Council's' Single Use Plastics (SUP) policy. Further engagement with producers and businesses is planned but not yet carried out due to capacity issues in relevant teams.

							Mitigation: The Theme Leads for Waste and Procurement are exploring opportunities to increase capacity to deliver this action.
32	Explore the potential for partnering with local charities and organisation to segregate and redistribute good quality products from HWRC	Waste	2025	Delivery plan in place and being progressed in line with established targets and objectives, with DCC responsibilities and role clearly defined		Low	GOOD: On track or complete with outcomes in line with expectations The new Household Waste Recycling Centre contracts (starting in 2022) address Social Value and encourage working with the Third Sector to deliver a service where Reuse and Recycling opportunities are maximised.

LONG-LIST ACTIONS TO BEGIN BY 2022 – Summary

Overall performance of the Long List actions by 2025 that are likely to have the biggest positive impact on emissions reduction, and that require commencing before the end of 2022 is presented in the table below. These remain unchanged since the last quarter (Q3 2021-22). The long-list will be reviewed in full as part of the annual review of progress later in the year.

Most actions are scored as being **Good** (on track or complete with outcomes in line with expectations) or requiring **Review** (some risk to achieving timetable and/or outcomes).

Those identified as requiring **Action** (unlikely to achieve timetable and/or to deliver required outcome), and a summary of the actions being taken to rectify the relevant issues and bring the actions back on track, are detailed below:

Council Estate and Operations:



















- **Work with the D2N2 LEP to reduce costs and generate income through utilising the Council's assets to install energy saving and energy generating technologies** – A coordinated working group is being established to assess opportunities. Ongoing and strengthened engagement with relevant D2N2 groups will ensure any suitable opportunities for funding or wider support are identified.
- **Maximise opportunities for renewable energy generation on Council property in-line with the targets set in the Carbon Reduction Plan** – A coordinated working group has been established to assess progress and seek opportunities for scaling up this work in order to achieve the relevant targets and ambitions. A Net Zero Strategy for the corporate estate is in development.
- **Estimate emissions from 'Working at home'** – In the absence of clear guidance on assessing these emissions, and complexities around reporting boundaries, the Climate Change Team is exploring examples of good practice from other councils, as well as identifying the data held by the Council that could help to inform the assessment.















Low Carbon Economy:















- **Secure funding from the Local Enterprise Partnership's (LEP) committed £100m of investment in local energy projects to ensure adequate funding for energy infrastructure development and resilience** – Ongoing and strengthened engagement with relevant D2N2 groups will ensure any suitable opportunities for funding or wider support are identified.

Decarbonising the Domestic Sector:

- **Identify a programme of 'shovel ready' projects and partnership frameworks to enable a more rapid and timely response to funding opportunities** – This area of work is being explored collaboratively with the District and Borough councils through the LAEP and Vision Derbyshire Climate Change Officers Group with a workplan being established.
- **Work with organisations such as the Centre for Sustainable Energy, University Partners and Midlands Energy Hub to identify packages of retrofit measures for different housing types based upon the Derbyshire House Stock Report (2019)** – This area of work is being explored collaboratively with the District and Borough councils through the LAEP and Vision Derbyshire Climate Change Officers Group with a workplan being established.

Ref	Action	Lead Theme	Status
Council Estate and Operations			
LL1	Undertake a baselining exercise with all schools in Derbyshire to identify their existing emissions and ongoing work to reduce energy consumption. For all schools within the Derbyshire County Council Portfolio (i.e. not including academies) agree a target date to reduce emissions to net zero, between 2030 and 2040.	Schools	
LL3	Continue to embrace the use of new technology to create a more agile, flexible, and mobile workforce.	Various	
LL4	Review all relevant existing Derbyshire County Council policies and update, where required, to ensure they consider carbon reduction and do not contradict our Climate Change Strategy and direction.	Climate Change Team	
LL5	Review all policies and procedures of Estate and Facilities management teams to support a reduction in emissions and a sustainable approach in the Council's operations.	Property and Estate	
LL6	Include climate-conscious behaviour into Job Descriptions and Employment Terms and Conditions.	Climate Change Team	
LL7	Carry out Climate Impact Assessments on all Derbyshire County Council infrastructure projects from 2022 identifying the whole carbon lifecycle and resilience to climate change.	External Transport and Travel	
LL8	Train Derbyshire County Council procurement staff on developing sustainability criteria for procurement evaluation utilising existing green procurement frameworks from UK and EU.	Procurement	
LL9	Ensure low carbon and resilient options are embedded in scope of works for new developments for client partners.	Procurement	
LL10	Secure additional funding to develop sustainable infrastructure projects and upgrades from government grants and Derbyshire County Council capital schemes.	External Transport and Travel	
LL12	Provide information on ongoing Derbyshire County Council activities to reduce emissions, engagement events, and resources on climate action on Derbyshire County Council website.	External engagement	
LL13	Map the Council's level of influence against different levels of emitters to prioritise and focus action.	Climate Change Team	
LL14	Establish a governance model than enables swift action on climate change issues and reports on them.	Climate Change Team	
LL15	Establish a cross-departmental or wider key stakeholder group to develop the approach to working with communities on climate change action.	Climate Change Team	
LL17	Undertake revised awareness raising and behaviour change campaign to ensure all staff know how to make simple energy efficient choices in the workplace and their responsibilities for reporting any issues.	Internal Training and Engagement	
LL18	Install lighting and heating controls across the estate to improve energy efficiency performance of Derbyshire County Council's buildings.	Property and Estate	
LL19	Ensure any accommodation strategy provided to Derbyshire County Council staff considers a practical balance between home-and office-working.	Property and Estate	
LL20	Begin a programme to replace Derbyshire County Council's HGVs in 2024 with low-carbon emission vehicles combined with use of satellite navigation, awareness of driver style and use of a Vehicle Management System.	Fleet	
LL21	Work with the D2N2 LEP to reduce costs and generate income through utilising the Council's assets to install energy saving and energy generating technologies.	Property and Estate	

LL22	Maximise opportunities for renewable energy generation on Council property in-line with the targets set in the Carbon Reduction Plan.	Property and Estate	
LL23	Estimate emissions from 'Working at home'	Climate Change Team	
Low Carbon Economy			
Ref	Action	Lead Theme	Status
LL25	Strengthen Derbyshire County Council's capabilities in green finance to develop new innovative schemes, e.g. Community Municipal Investment for local energy generation.	Low Carbon Economy	
LL26	Carry out a feasibility assessment to identify the potential for an energy revolving fund for business owners to improve the energy performance of the businesses and facilities.	Low Carbon Economy	
LL27	Undertake energy demand mapping to identify priority zones for implementation of clean energy technologies and efficiency upgrades in conjunction with D2N2 LEP.	Low Carbon Economy	
LL28	Secure funding from the Local Enterprise Partnership's (LEP) committed £100m of investment in local energy projects to ensure adequate funding for energy infrastructure development and resilience.	Low Carbon Economy	
LL33	Obtain grant funding from national government to support SMEs to improve the carbon and energy consumption in operational performance.	Low Carbon Economy	
LL35	Continue investing in the Derbyshire Green Entrepreneurs Fund - national demonstrator initiative to support local and national objectives for reducing environmental impacts, driving innovation, and curating sustainable growth - capital and revenue programme.	Low Carbon Economy	
Decarbonising the Domestic Sector			
Ref	Action	Lead Theme	Status
LL36	Identify a programme of 'shovel ready' projects and partnership frameworks to enable a more rapid and timely response to funding opportunities.	TBC/ Climate Change Team	
LL37	Put in place sufficient internal resource to be able to support residents in responding quickly to government financial supports for home improvement.	TBC/ Climate Change Team	
LL38	Carry out more detailed economic and skills analysis with development partners to understand the capacity of the construction and retrofit sectors to retrofit all homes across Derbyshire to EPC rating C or above by 2035.	TBC/ Climate Change Team	
LL40	Explore the development of cross-authority Supplementary Planning Guidance on Sustainable Design and Construction to embed zero carbon practice into local development.	Planning	
LL41	Work with D2N2 Local enterprise Partnerships and Midlands Energy Hub to: - Identify opportunities for retrofitting domestic properties. - Identify private and national government funding sources for retrofitting existing residential housing stock. - Develop long term and sustainable funds for energy efficiency investments for properties.	TBC/ Climate Change Team	
LL42	Work with organisations such as the Centre for Sustainable Energy, University Partners and Midlands Energy Hub to identify packages of retrofit measures for different housing types based upon the Derbyshire House Stock Report (2019).	TBC/ Climate Change Team	
Transport, Travel and Infrastructure			
Ref	Action	Lead Theme	Status

LL43	Review core fleet requirements in each department with reference to the payload requirements.	Fleet	
LL44	Understand the current and potential future use of the core and grey fleet considering company EVs; car clubs; hire vehicles; inter-departmental sharing of core vehicles, use of VMS.	Fleet	
LL45	Facilitate sustainable travel choices for service users and staff through ensuring accessible locations of all buildings and availability of on-site charging facilities.	Property and Estate	
LL46	Develop cycling and walking network maps to increase local knowledge and confidence in using active transport routes.	External Transport and Travel	
LL47	Explore the promotion and use of low and zero emission vehicles (cars, motorbikes, e-bikes, cycling) for staff travel.	External Transport and Travel	
LL48	Install electronic real time information signs and LED lighting at all key bus stops and interchanges by 2025.	External Transport and Travel	
LL50	Share data and intelligence across regional and commercial transport providers to understand and meet customer needs better.	External Transport and Travel	
LL51	Reinvigorate travel planning and behavioural change activities linked to new housing and commercial developments to encourage greater bus use and market the services.	External Transport and Travel	
LL53	Work with Midlands Connect on the development of the area wide affordable integrated all bus operator ticketing scheme.	External Transport and Travel	
LL54	Facilitate the uptake of ULEVs amongst staff and within own fleet through the provision of fast charging infrastructure and an EV leasing scheme with incentives.	External Transport and Travel	
LL55	Work collectively to help de-carbonise transport and contribute to a D2 Low Carbon Growth agenda.	External Transport and Travel	
LL56	Understand the impact COVID-19 has had on travel and ways of working and how the positives from this can be incorporated into future ways of working.	External Transport and Travel	
LL58	Develop partnerships and seek funding for training and support to double the number of young people who can ride a bike confidently, cycle regularly and cycle to school. Encourage every school to provide an annual programme of cycle training.	External Transport and Travel	
LL59	Work with partner authorities to continue the expansion of the Plugged-in Midlands programme to ensure a regional network of charge points to support the increased uptake of electric vehicles.	External Transport and Travel	
Waste			
Ref	Action	Lead Theme	Status
LL62	In the development of the new Waste Strategy integrate circular economy principles and set targets for increased reuse and regeneration of materials and environmental services.	Waste	