

North Yorkshire Council

Transport, Economy, Environment and Enterprise Overview & Scrutiny Committee

17 October 2024

Climate Change Strategy Performance

Report of the Corporate Director – Environment

1.0 PURPOSE OF REPORT
1.1 To provide a progress report on the implementation of the Climate Change Delivery Pathway including proposed actions and next steps.

2.0 BACKGROUND

2.1 Executive approved the North Yorkshire Council Climate Change Strategy in July 2023 in response to the declared climate emergency. The Climate Change Delivery Pathway (CCDP) sets out how the Strategy will be delivered and was approved by Executive on 20 August 2024. The 'Governance' section outlines that progress on delivering the Strategy will be reported annually to Executive and biannually to Transport Economy, Environment and Enterprise Overview and Scrutiny committee (TEEEOSC), evidence of which will be based on the CCDP.

3.0 THE CLIMATE CHANGE STRATEGY DELIVERY PATHWAY

3.1 The September 2024 CCDP progress report is included in Appendix A and sets out the proposed actions and a progress update against 4 sections of the Strategy.

- i. Governance – 22 actions
- ii. Mitigation – 53 actions
- iii. Adaptation – Strategy in development- to be completed March 2025
- iv. Supporting Nature – 26 actions

A summary is provided on each of the thematic sections below, with additional information in Appendix A.

3.2 This comprehensive document seeks to identify over 100 current actions being delivered or recognised as priority areas of focus and to report progress against each, as we progress. This includes anticipated financial resource and outcomes, including the direct reduction in GHG emissions where this can be quantified and calculated. It is noted that many projects will be reporting GHG emissions savings as they conclude in March 2025 and a confident picture of GHG savings will be presented to a future meeting.

3.3 The estimated level of investment in climate change delivery with the available figures over a two year period to March 2025 is £2.8million internal funding and £32.7million utilising external funding (this excludes some investment figures not currently available. It also excludes NYC public and community transport budgets and NYNET investment. This figure does not account for indirect expenditure related to climate action or efficiency projects which deliver co-benefits including carbon reduction or environmental sustainability.

- 3.4 Delivery is possible not only through capital and revenue budgets but also through the officer resources. It is identified that 56 colleagues at various grades, across multiple Directorates spend between 30% and 100% of their time delivering the actions in the CCDP, with many more contributing indirectly through routine service delivery which has a synergy and complementary nature.
- 3.5 It is also important to recognise external contributions, as many actions within the CCDP are delivered in partnership with external organisations as the responsibility for these actions lies outside the sphere of influence for the local authority. Where this occurs, North Yorkshire Council often seeks to take a convening, influencing and supporting role. These are identified in orange text in Appendix A.
- 3.6 Actions within the CCDP are also RAG rated (Red/Amber/Green) in terms of likelihood of delivery (column I). Work is progressing to develop an improved performance platform which will enable a dashboard approach so that actions can be cross tallied and reports more effectively and efficiently prepared. This includes linking performance reporting to the Q-report schedule, with highlights outlined within quarterly monitoring reports in addition to an annual review.

4.0 GOVERNANCE

- 4.1 This section includes greenhouse gas (GHG) statistics, prepared on an annual basis for quarter 2 Council report. Appendix B includes these figures in detail.
- i. The annual 'territorial' statistics are provided by Department Energy Security and Net Zero with an 18-month time lag with the figures for North Yorkshire in 2022 and a comparison to 2020 figures. This is the latest available data and indicates a general trend in decrease of emissions.
 - ii. The North Yorkshire Council Operational Carbon Emissions for the 2023/2024 year are also in Appendix B. This is the first year of operational emissions for the new Council and data indicates the total emissions and derivation of emissions. It is important to observe that although this does provide a reliable baseline for the new Council, the calculation will vary depending on the addition or removal of building assets and ongoing transformational activity or organisational restructures.
 - iii. It is acknowledged that there are limitations in data sources and information which is a result of developing new and consistent data collection processes as a new organisation. In future years a narrative will be provided to highlight the cause of any particular increase or decrease in the overall carbon footprint. This will be monitored and reported using the Q report process. The data indicates total emissions of 31,664 tCO₂e in the 23/24 financial year.
- 4.2 There are some delays to the anticipated production of detailed Property and Fleet Decarbonisation plans due to the complexities of bringing together multiple data sets from legacy councils. Resource has been allocated to support this outcome and a revised timetable proposed. Once these critical plans are in place, the trajectory towards the ambition to be operationally net zero by 2030 can be confidently planned.
- 4.3 To further strengthen our transparency, Officers have recently disclosed externally to the Carbon Disclosure Project, (part of the Covenant of Mayors) and engaged with the Climate Emergency Scorecards. Both these external assessment processes will enable review and feedback to further improve the CCDP.
- 4.4 It is anticipated that despite the actions contained in the CCDP that there will be residual emissions as legislative, policy and technology changes will take time to support net zero ambitions. It is therefore proposed to add a new action to the Governance section: To develop an offsetting and insetting strategy. This will identify the opportunity to negate residual carbon emissions.

4.5 NYC operational carbon footprint does not currently include off site data storage. This would come under a 'supplied service' in the Scope 3 emissions. It is proposed to include a new action to identify the carbon emissions from data storage and to put in place actions to mitigate. Global data indicates this is an energy intense activity, with estimated carbon emissions from data storage exceeding that of the aviation industry. This includes not only the electricity consumption to operate the data storage servers but also the water and energy consumption required to cool the equipment. It is proposed to investigate how this 'waste heat' could be put to practical use as an energy source locally.

5.0 MITIGATION AND SUPPORTING NATURE SECTIONS

5.1 Progress on the Mitigation and Supporting Nature themes is outlined in Appendix A. Significant progress on both feasibility for new innovation and future policy development and direct delivery across North Yorkshire is reported with many externally funded projects due to complete by March 2025 and confirm GHG reduction outcomes, alongside many co benefits. Key projects include:

- Devolution Deal Net Zero Fund – 9 mitigation projects
- Shared Prosperity Fund Decarbonisation Theme – Over £2million allocated
- Local Electric Vehicle Infrastructure Programme – Over £8million to deliver 1400 EV Charging Points in commercially challenging locations and utilising renewable energy.
- Social Housing Decarbonisation Fund – over £3 million to begin the process of public sector housing retrofit.
- Home Upgrade Grant - £6.8 allocated to support private sector housing retrofit
- Innovation UK fund for industrial decarbonisation - £286K awarded to develop circular economy approaches
- Local Investment in Natural Capital programme - £1 million to support identification of private sector investment opportunities.
- Farming in Protected Landscapes and Farm Sustainability programs in place worth £1.75million.

5.2 The Local Transport Plan which is a key policy document for the Mitigation theme related to travel and transport emissions, is now the responsibility of the York and North Yorkshire Combined Authority. The substantial data collection and policy development undertaken to date, including setting the Quantifiable Carbon Reduction targets, has been provided to this body and NYC will continue to play a crucial role in its development.

6.0 ADAPTATION

6.1 Work on the Adaptation theme remains ongoing. The Climate Change Strategy outlines that an Adaptation Strategy will be developed by March 2025, and this is now the focus of policy development. Through a collaborative process, North Yorkshire Council is working with the York and North Yorkshire Combined Authority, which will be commissioning a comprehensive Climate Risk and Vulnerability report which will be concluded in October 2025. Officers continue to work regionally with partners on the Adaptation theme through the Yorkshire and Humber Climate Commission activity.

6.2 The Adaptation Strategy development will commence with a community engagement exercise at the North Yorkshire Wider Partnership meeting in October 2024. Participants will be invited to reflect on the impact that adaptation activity taken now will have on everyday lives in the future.

7.0 CONSULTATION UNDERTAKEN AND RESPONSES

7.1 Consultation with the Beyond Carbon Board regarding the CCDP and with the delivery colleagues has been undertaken.

8.0 CONTRIBUTION TO COUNCIL PRIORITIES

8.1 The Council has declared a Climate Emergency and pledged to play its part in tackling the causes and impacts of climate change.

8.2 The Strategy delivers the following specific Council Plan ambitions:

- Place and Environment:
 - A clean, environmentally sustainable and attractive place to live, work and visit
 - A well connected and planned place with good transport links and digital connectivity
 - Communities are supported and work together to improve their local area
 - Good quality, affordable and sustainable housing that meets the needs of our communities
- Economy
 - Economically sustainable growth that enables people and places to prosper
 - Culture, heritage, arts and sustainable tourism all play their part in the economic growth of the county
- Health and Wellbeing
 - People are supported to have a good quality of life and enjoy active and healthy lifestyles
 - Reduced variations in health through tackling the root causes of inequality
- People
 - In times of hardship, support is provided to those that need it most
- Organisation
 - A carbon neutral council

9.0 ALTERNATIVE OPTIONS CONSIDERED

9.1 This is a progress report, so no alternative proposals are outlined.

10.0 FINANCIAL IMPLICATIONS

10.1 The financial implications of each element of the Delivery Pathway are outlined in the Resources column of appendix A. There are no financial implications as a result of this report.

10.2 A budget of £1 million was initially made available to NYCC (disbursed through the Beyond Carbon Board) of which £162k remains. In addition, District Councils also made budgetary provision for implementing climate change action plans, some of which is carried over to NYC and is fully committed. External funding has also been obtained and this is outlined for each of the actions.

11.0 LEGAL IMPLICATIONS

11.1 There are now a number of Acts which seek to deal with the implications of Climate Change. These include the Climate Change Act 2008 sets out a range of measures to deal with climate change including emission reduction targets which the UK must comply with and carbon budgeting and the Planning and Compulsory Purchase Act 2004 Section 19 (1A) which requires local planning authorities to have policies in their Local Plans securing that development and land use contribute to the mitigation of and adaptation to climate change. In addition, the Environment Act 2021 also contains further targets to protect the environment and to tackle the impacts of climate change. Regard was given to all relevant legislation when preparing the Strategy.

12.0 EQUALITIES IMPLICATIONS

12.1 The CCDP presents many opportunities to support an equal transition to a low carbon economy as outlined as a guiding principle of the Strategy, to ensure that every person, business and community is able to take climate responsible actions. Examples include the development of community owned assets, upskilling residents in low carbon technologies and improving thermal efficiency in low-income homes. The programme of actions has enabled small businesses across North Yorkshire to investigate and action energy efficiency and low carbon technology from local suppliers. A review of geographical distribution of activities will also be undertaken. An Equalities Impact Assessment screening assessment. (Appendix C) indicates a full EIA is not required.

13.0 CLIMATE CHANGE IMPLICATIONS

13.1 The report outlines the climate change interventions that are required to secure our local and global future and meet locally derived ambitions and nationally required targets. The issues identified in the report have direct relevance to the activities we take to reduce greenhouse gas emissions, to prepare for climate change and to support nature to thrive. A full Climate Change Impact Assessment is in Appendix D.

14.0 REASONS FOR RECOMMENDATIONS

14.1 The September 2024 Climate Change Delivery Pathway performance report outlines progress towards implementation of the Climate Change Strategy.

15.0 RECOMMENDATION

15.1 That Members acknowledge the progress related to the implementation of the Climate Change Delivery Pathway and proposed next steps.

APPENDICES:

Appendix A – September 2024 Climate Change Delivery Pathway Progress

Appendix B – Annual Greenhouse Gas emissions data for North Yorkshire and North Yorkshire Council

Appendix C - Equalities impact assessment screening

Appendix D – Climate Change impact assessment

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North Yorkshire Climate Change Strategy Delivery Pathway: Governance

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Action	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress to 31.08.24	RAG Rating	Medium Term actions 20252030
1	Performance								
a	North Yorkshire								
	DESNZ annual reporting	Sectoral emissions data	comparative datasets to track countywide performance	Annual Q2 Performance Report	Environment	Officer time	2022 figures published to 17.10.24 TEEEOOSC		Monitor and report progress and adjust strategy
	Carbon Disclosure Project	Contribute to the global environmental disclosure system to measure and manage risks and opportunities on climate change, water security and deforestation	Annual report with score	First report in 2024	Environment	Officer time	Submission prepared for October 2024 deadline		Annual reporting
	York and North Yorkshire Routemap to Carbon Negative	Refresh the Routemap to Carbon Negative	Plan to decarbonise at Y&NY scale	Carbon Abatement Pathway data at NY level	Environment	Officer time £45,000 YNYCA funding	CA funded a Carbon Abatement Pathway study due to report January 2025		Review with partners and adjust Strategy accordingly
2	Governance and Communication								
a	Directorate Action Plans in place	Develop Directorate action plans including the Transformation programme	Highlighting actions required to achieve operational net zero at Directorate scale. CCDP actions assigned to	7 Directorate Action Plans initial draft by 30.06.24	Beyond Carbon Board	Officer time including Climate Change Business Partner support	Approved internally 30.06.24		Monitor and report progress and adjust strategy

Appendix A

			Directorates						
b	NYC TEEE Overview and Scrutiny bi annual	Review Strategy delivery	Recommendation to Executive	CCDP report Twice annually	Environment	Officer and Member time	First review 17.10.24		Review Strategy delivery
c	Executive annual	Review Strategy delivery	Review progress	CCDP report annually	Environment	Officer and Member time	Planned for July 2025		Refresh Strategy 2026 /29
d	Operational / wrap around groups	Establish groups and meet 3 times p.a	Coordination of cross Directorate issues	Action plans by 30.09.24	All	Officer time including Climate Change Business Partner support	This superseded by Sustainability Champions, Retrofit Board, LEVI Board and Directorate based groups as restructures have filled the gaps.		Review 2026/29
e	Communications / engagement	Develop communications and engagement plan	Improved engagement with residents / businesses and communities and regional partners	6 engagement activities p.a and 12 newsletters Partnerships engagement plan developed by 30.09.24 (public, private and voluntary)	Environment	Officer time	Currently in development. Newsletters are active on monthly basis. Engagement plan to be completed by Dec 2024		Refresh engagement plan

CCDP update 31.09.24 Governance page 1 of 2

Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Action	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress to 31.08.24	RAG Rating	Medium Term actions 20252030
	Continue to develop good relationships with community environmental groups	Improved efficiency by replicating and sharing good practice, support with co design of programmes	Community meetings 4 time p.a Town and Parish Council engagement	Environment	National Landscape Access for All funding 24/25 £131K £SFP external funding secured for improved local engagement (included in mitigation / built environment/ community grants)	Continuing support for place based groups including event presentations, consultation events. Improving access to the countryside for vulnerable people. SPF grant support to increase community engagement such as Our Zero Selby workshops and North Yorkshire Climate Coalition establishment		Review and update
	Improve schools and young people engagement - establish new 'wrap around' group	Encourage participation from young people	Schools survey Growing up in NY survey	Children and Young People	Officer time £14K Beyond Carbon secured for community and youth engagement £10K SPF external funding secured for NYY activity	Underway - schools survey conducted and Growing Up In North Yorkshire results Funding for youth engagement activities secured.		Review and update

f	Consultations	Respond to local and national consultations to ensure climate responsible actions are supported	Consultation responses	X No. consultation responses	Environment	Officer time	We have responded to 4 major government consultations; Future Home Standards, Home Energy Model, National Policy Planning Framework and National Infrastructure Commission (NIC) 'call for evidence' on whether the electricity distribution network is fit for future and net zero ambitions		Refresh to reflect Strategy
g	Funding bid for / secured	Monitor funding bids	Track bid progress and external funding opportunities	Report funding secured quarterly	Environment	Officer time	Many successful bids have been made to support climate change since 1.4.23 and these are itemised in the mitigation and supporting nature sections		Refresh to reflect Strategy

North Yorkshire Climate Change Strategy Delivery Pathway: Mitigation

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
a.	The Built Environment								
i	Retrofit commercial, community and residential properties and assets using a 'fabric first' approach.	Social Housing Sector Decarbonisation /retrofit	Social Housing Retrofit Action plan developed by 31.12.24 Programme of social housing retrofits	150 retrofitted homes tCO2e saved	Community Development / Retrofit Board	£1.7 million SHDF external funding £ 1.7 million internal resource	Mobilisation is underway for this project.		continue programme subject to continued Government support
		Private sector retrofit	Home Upgrade Grant round 2	260 retrofitted homes tCO2e saved	Community Development / Retrofit Board	£6.8 million HUG2 external funding secured	296 homes will be upgraded by March 25. 50 homes retrofit completed to date, saving 110tCO2e p.a		Review programme and prepare future bidding rounds Develop 'one stop
		Local Energy Advice Demonstrator	Domestic energy efficiency advice delivered across NY	XX no. interventions	Community Development / Retrofit Board	£1.2 mill SPF and DESNZ external funding secured	The two year programme has been delayed due to 2 pre election periods but is now on track to deliver outputs by March 2025.		shop' energy efficiency advice programme based on national learning from
		Housing Stock Analysis	Study to identify housing energy performance in NY	Data across NY	Y&NYCA	£45K external SPF secured	Housing Stock Analysis completed		Repeat to target future programmes
		Landlords energy efficiency advice	Advice and enforcement programme to improve domestic energy efficiency	No. advisory actions No. enforcement actions	Community Development	Officer time	23/24 MEES investigations: 129 No enforcement actions required for non compliance.		Continued programme

Appendix A

		in the private rental sector						
	Warm and Well Programme	Domestic energy efficiency advice delivered across NY	No. of interventions	Health and Adult Services	£50K p.a public health funding	Seasonal Health Partnership continues to provide funding 6324 interventions (23/24)		Continue advice re retrofit to reduce fuel poverty
	Craven Empty Homes project	Pilot to purchase and retrofit empty homes	3 'show homes' retrofitted	Community Development / Retrofit Board	£650K external DLUHC funding secured	3 Properties purchased, retrofitting underway for occupancy March 25.		lessons learnt for retrofitting housing stock
	Develop a community energy programme	Supporting locally based retrofit programmes	Potto District Heating feasibility study Pickering Geothermal Well study Support for community energy efficiency projects	Environment	DDNZF and SPF external funding secured, included elsewhere in programme update	Feasibility studies are underway for 6 community energy schemes, due to report February 2025		To support implementation, share the learning and replicate
	Develop a retrofit plan for 'hard to treat' properties	Enabling retrofit in protected landscapes and historic buildings across NY	Retrofit plan developed by 30.06.24 Hard to Treat analysis of stone homes and Victorian terraces	Community Development	Officer time £44K external SPF secured	Housing Retrofit Strategy for York and North Yorkshire underway, led by YNYCA, following housing stock analysis and previously undertaken studies of 'hard to treat' properties.		Continue to develop approach to retrofit

Appendix A

				Study of multiple person properties (flats type)					
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Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate/ Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
	Develop Housing retrofit supply chain study	Help North Yorkshire businesses to gain skills and win contracts to develop low carbon buildings, including 'biobased' construction. Secure economic multiplier of retrofit investment locally.	Retrofit supply chain action plan (by Y&NYCA)	Community Development	Officer time	Housing Retrofit Strategy for York and North Yorkshire underway, led by CA		Monitor local supply chain and skills development pathways
	Develop Housing retrofit skills study	Ensure skills provision and uptake in NY	X no skills courses and attendees	Community Development	£Y&NYCA funded £SPF funding for L3 courses	Housing Retrofit Strategy for York and North Yorkshire underway, led by CA Working with York College and partners including Scarborough Skills Village, Retrofit Academy, The Energy Trust to develop and deliver L3 retrofit training courses for those working within the social housing		Monitor skills delivery

Appendix A

						sector in North Yorkshire Council, housing associations and their supply chain		
	Decarbonisation Community and Business sustainability grants	Audits and grants for decarbonisation projects across NY	80 community buildings complete, 50 further anticipated community and business decarbonisation audits 40 properties retrofitted tCO2e saved - to be calculated at evaluation stage	Environment / Community Development	Officer time £2.2 million SPF External funding secured £550K external DDNZF secured for community buildings	DDNZF £550K allocated to 20 community building projects. SPF grants allocated to 90 business and community projects 99 property decarbonisation audits		Continue programme subject to continued Government support
	Cultural Services Decarbonisation Programme	Programme of decarbonisation of leisure facilities and Harrogate Convention Centre	18 Decarbonisation audits 7 facility retrofits tCO2e saved kwh renewable energy generation	Community Development	£80K Beyond Carbon funding (audits)	Leisure facilities decarbonisation audits are underway, to be completed by Jan 25. HCC's Sustainability Plan is to be adopted with key themes energy use for heating and hot water, in house catering, travel survey and waste management options.		Continue programme subject to continued Government Support and / or financial business case development

Appendix A

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
		Develop a programme of property / built environment retrofits	Decarbonise NYC property and asset portfolio and encourage others to do the same	No. properties retrofitted. tCO2e saved kwh renewable energy generation	Resources / Community Development	Officer time £230K DDNZF external funding secured for commercial assets £124K internal funding secured for commercial assets £SPF funding for community and business climate action included above	NYC progress reported in NYC section. 21 commercial units across the three sites will have solar PV and battery storage installed with an estimated combined future projection to 2028/29 of 53.2 TCO2e reduction and 580,833.4 kWh of Renewable Energy Generation. Community and Business properties retrofitted included above		Continue programme subject to continued Government Support and / or financial business case development
ii	Ensure new buildings are designed to be 'climate responsible' see a(ii) above	Support 'Future Buildings' Standards	Ensure new buildings are energy efficient, have low carbon heating and are climate resilient	Lobby Govt for Future Building Standards adoption	Community Development / Resources	Officer Time	Future Homes Standard and Home Energy Model consultations responded to.		Future Building Standards in place and supported by Local Plan

Appendix A

	NYC new build programme	Ensure new buildings are energy efficient, have low carbon heating and are climate resilient	No. Energy efficiency of NYC new build properties	Resources	No information report at this time	No information report at this time.		Continue to develop approach to new builds
	NY 'Place making' infrastructure	To secure settlements and developments close to homes and within neighbourhoods	No. Regeneration programmes with climate change infrastructure	Community Development	Officer time External regeneration funding secured, but not exclusively for low carbon	Low carbon technology has been included in Scarborough Harbour West Pier, Whitby Maritime Hub, Broomfield Housing Development (49 low carbon homes) and Catterick Garrison project.		Continue programme subject to continued Government Support and / or financial business case development
	NY Local Plan	To secure settlements and developments close to homes and within neighbourhoods	Local Plan development date by 2028	Community Development	Officer time	Two workshops for NYC officers held including specifically for climate change embedding actions. Site options paused for new Govt consultation on the NPPF which as several implications for net zero.		Continue plan development Consider SPDs including new construction standards ahead of FBS

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
b	Travel and Transport								

i	Reducing the need to travel by improving access to digital services and ensuring services are provided close to people's homes, workplaces and businesses	Digital Services Plan	NYNET programme update	Superfast Broadband to all NY residents Research has shown that connecting everyone in the UK to full fibre broadband by 2025 could remove 300 million commuter trips, reducing carbon dioxide emissions by an estimated 360,000 tonnes each year	Resources	£100million investment over 10 year period	More than 200,000 households and businesses have benefited from one of the most ambitious broadband projects in the country which has seen in excess of £100 million invested in superfast internet connections during the past decade. The fourth and final element of the pioneering Superfast North Yorkshire project has now come to an end, with the vast majority of properties in the county now on the superfast broadband network. The project, which has been overseen by us, has been instrumental in addressing the digital divide, with many rural communities previously unable to access superfast broadband connections that have been available in towns and cities.		Further development of digital and mobile coverage
		Placemaking opportunities to improve provision of local services	Utilise regeneration funding to support local services. Local	X number community hubs	Community Development	SPF and Towns fund external funding secured - not	SPF conclusion March 2025 will provide metrics		Continue to support local service provision through regeneration

Appendix A

			Plan development			exclusively for low carbon			initiatives and Local Plan development
ii	Increase walking and cycling opportunities	Improve cycling and walking infrastructure	Local Transport Plan Programme of Local Cycling and Walking Implementation Plans (LCWIPS) Improved access to bicycles Programmes to promote cycling and walking	Local Transport Plan Quantifiable Carbon Reduction No. CWIP, No. KM CWIP delivered Bike recycling programme NYC Speed Management Strategy	Environment, Health and Adult Services	Officer time £972K External DDNZF secured	5 completed (LCWIPs), 22 priority corridors were identified totalling 70.3km of proposed improvements at an indicative cost of circa £95m, with some being progressed through to a bid ready design stage. Development has also continued on a further 5 LCWIPs which will join the other 5 on NYC's pipeline of major schemes awaiting a future funding route for further design and delivery. Delivery underway active travel improvements between Kildwick and Silsden. 2km of improvements, saving estimated 50K car travel KM and 101tCO2e over 20 years		LTP implementation Continue programme subject to continued Government Support and / or financial business case development

Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
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Appendix A

	Encourage increase in cycling and walking	Local Transport Plan Quantifiable Carbon Reduction Targets Behavioural analysis and Active Travel campaign / programmes Promote cycle / walk to school NYC Speed Management Strategy	No. active travel programmes No. bikeability courses	Environment, Health and Adult Services	Officer time £256K p.a internal and external budget with additional 91K income	2506 Bikeability participants in 23/24 year LTP progress reported in Bv(ii) below		LTP implementation Continue programme subject to continued Government Support and / or financial business case development
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iii	Enable and support people to choose multi person travel options	Support public transport development and modal shift Consolidate and expand 'Car Share' Schemes, internal and external	Local Transport Plan. Increased use of NYC supported public transport. Public transport infrastructure improvements (place making). Increased membership of joint car use schemes (car clubs), investigate options for expanding scope, encourage take up of car share opportunities. Continuation of North Yorkshire Lift Share programme.	NYC Bus Service Improvement Plan and Enhanced Partnership Plan Local Transport Plan Quantifiable Carbon Reduction No. Public transport infrastructure improvements No. journeys on NYC supported public transport Harrogate car share scheme: 185044 miles saved p.a NY Liftshare: 221283 miles saved p.a	Environment	Officer time £1.4 million BSIP £ Internal public transport and community transport budgets	NY Liftshare contract expires March 25 and a review is currently underway. 90tCO2e p.a saved Bus Service Improvement Plan: Working closely with our bus operators, the council has provided significant additional funding to support previously commercial bus routes that would otherwise already have been withdrawn due to fewer passengers travelling and rising costs. Reimbursement for concessionary travel and our supported bus services was maintained at prepandemic levels from 2020 to 2023, despite the drop in travel. Through this and accessing government grant funding of around £1.4million per year we have been able to stabilise our bus network and are now looking to build on this platform and deliver improvements from 2024 onwards. £1 bus travel for young people introduced. 23/24 9.9 million passenger		LTP implementation BSIP3 - Continue programme subject to continued Government Support and / or financial business case development
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							numbers, 15.2K kms travelled on bus services.		
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Appendix A

iv	Increase access to 'alternative fuels' for personal and commercial vehicles	Develop a programme of NYC fleet decarbonisation	Fleet decarbonisation strategy by 30.06.24, Feasibility study on production and use of green hydrogen for HGV fleet, property decarbonisation plan including EV upgrades by 31.09.24 Enabling low carbon fleet options: NYC EVCP Strategy roll out Feasibility study on production and use of green hydrogen for commercial HGV fleet.	KM converted to EV, KM converted to green hydrogen, KM converted to alternative fuels. tCO2e saved, Air quality indicators	Environment	Officer time. £ 190K Beyond Carbon Funding allocated for fleet decarbonisation support and HAS EV trial. £50K DDNZF secured for Green energy park (green hydrogen assessment)	Fleet operational requirements study has commenced. To complete 31.01.25 Feasibility study into use of green hydrogen commenced, to conclude 31.03.24. Link to Cii EVCP rollout of strategy is underway with EVCP location request tool in development. Transdev fully electric bus operation out of Harrogate now completed following funding awarded pre LGR.		Continue programme subject to continued Government Support and / or financial business case development
		Promote green car salary sacrifice scheme (internal NYC staff)	Increase take up of ULEVs salary sacrifice scheme	No. EVs through the programme	HR and business support	Salary sacrifice scheme	122 EV vehicles supported		Continue programme

Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
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Appendix A

	Support community and business conversion to low carbon fuels	Supporting decarbonisation of public transport (Harrogate) SPF and DDNZF Decarbonisation programme for communities and businesses Regional Hydrogen supply and demand study by NE&YNZH	EV purchases, miles converted to EV, tCO2e saved	Environment Net Zero Hub	Officer time £500K secured (DDNZF & SPF)	12 community shared EV mobility schemes, 216,000KM p.a conversion to EV, 46 tCO2e p.a saved. Regional Hydrogen supply and demand study to conclude December 2024		Continue programme subject to continued Government Support and / or financial business case development
	EVCP infrastructure	To support increase in EVCPs throughout NY	1400 additional EVCPs	Environment	LEVI Programme £8.1 m secured ORCs Programme £119K secured BC internal funding £129.2K	LEVI / ORCS funding programme is at tendering stage including the development of designs for renewable energy charging systems. 10 EVCP installation at NYC offices		Review NYC EVCP strategy

Appendix A

v vi	Ensure all low carbon travel choices are supported by the Local Plan making process and Neighbourhood Plan place making and Local Transport Plan and promote sustainable travel options to residents, businesses and in the visitor economy.	Local Transport Plan by 31.03.25 Sustainable Tourism Policy within the Destination Management Plan by 31.01.25	Development of the plan including quantifiable carbon reduction targets. Promotion of sustainable travel within tourism promotion.	Local Transport Plan quantifiable carbon reduction. tCO2esaved	Environment Community Development		The statutory duty for publishing a Local Transport Plan now sits with the Combined Authority. The writing of the document will be collaborative between NYC, City of York Council and the YNYCA and when this commences, we will be able to plan when and how we will engage with residents and stakeholder groups. Stakeholder and resident engagement has already been undertaken since April 2023 and Quantifiable Carbon Reduction Targets have been commissioned.		LTP Implementation Local Plan development Y&NYCA response to integrated transport planning
	Ensure that North Yorkshire has the skills required to support low carbon travel options	NYC Economic Development Strategy supports low carbon skills growth including EV.	Skills courses in EV maintenance. Careers advice in low carbon fuel technology	No. courses delivered - ongoing rolling programme of L3 training 40 careers advisors upskilled in green economy skills	Community Development / YNYCA	£ External SPF Green Skills funding allocated	L3 qualifications delivered at York College 3 rounds of green careers advice training delivered and promotion at Careers Hub Conference in 2024		Develop approach to new low carbon fuel skills such as green hydrogen with CA

Appendix A

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
c	Waste and Circular Economy								
		Harmonising pre LGR NYC operational Waste collection and disposal to reduce waste tonnage and improve recycling rates	Implementation of Central Government Simpler Recycling Policy, to harmonise waste collection across North Yorkshire.	Public Waste Consultation - Summer 2024 to gain opinion on service, where improvements can be made and raise awareness of service changes ahead. Consultation on development of future waste plans post 2025	Environment	Officer time	Good progress Take made on harmonising waste collection policy and practice to improve recycling rates and reduction is residual waste. Public consultation underway on further service developments.		Reviewing central government legislation to reflect national priorities Prepare next iteration of NYC Waste Plan
i	a waste hierarchy approach	Increasing waste minimisation and recycling campaigns Behaviour change analysis and campaign	North Yorkshire Rotters Campaigns focussed on analysis of waste	No. events / campaigns	Environment	Officer time £47.5Kp.a	For 2023-24 the Rotters delivered 127 events, 34 talks and 35 days of workshops. There was a total of 1,830 volunteer hours. The Community Impact		Prepare next iteration of NYC Waste Plan

							Tool calculates a saving from waste prevention and diversion of 368tCO2e.		
ii	Investigate the options to decarbonise the waste collection and disposal systems in North Yorkshire including at Allerton Waste Recovery Park.	Develop the options for decarbonisation in both collection and disposal Partnership approaches	Options analysis and business case development by 31.03.25	To identify potential future investment opportunities through business case	Environment	Officer time £187.5K DDNZF secured £62.5K internal funding secured	Decarbonising Allerton Waste Recovery Park Feasibility study and delivery of a Techno/economic Feasibility study for a Green Energy Park at Seamer Carr has commissioned consultants. Project due to conclude March 25		Business case development to implementation
iii	Support delivery of the York and North Yorkshire Circular Economy Strategy	with Y&NY CA - Taking a regional approach to circular economy opportunities	Improved understanding and deployment of circular economy opportunities and novel waste products	Y&NY Circular Economy Strategy refresh	Community Development / Y&NY CA	Officer Time	The Circular Economy remains a priority in the emerging Combined Authority Growth Plan which is currently being developed. YC engaged in that discussion		monitor circular economy strategy implementation
		Support communities and businesses to adopt circular economy	Procurement strategy refresh Economic Development Strategy includes Circular Economy SPF business and community grant programme.	No. circular economy actions	Environment / Community Development / Resources	Officer time £SPF budget secured (included in built environment / community grants above)	SPF community climate action projects have supported several local circular economy projects such as <i>the library of things</i> .		monitor circular economy strategy implementation
d	Renewable Energy Transition								

<p>i</p> <p>Plan for renewable energy generation</p>	<p>Local Area Energy Planning Test feasibility of renewable energy options in NY</p>	<p>Ensuring sound long term investment and maximising opportunities</p>	<p>LEAP for NY produced 'Bristol City LEAP' Strategic Energy Partnership study</p>	<p>Environment / YNYCA / Net Zero Energy Hub</p>	<p>Officer time £360K DESNZ accelerator funding secured for NY as part of a £2mill two year programme across Y&NY.</p>	<p>LEAP produced in 2023 Recruitment of Strategic Energy Partnership Manager underway.</p>		<p>LAEP / Strategic Energy Partnership implementation vehicle with regional partners</p>
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	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
<p>ii</p>	<p>Lobby for improved electrical grid capacity</p>	<p>NPG stakeholder panel and Gvt consultation responses Local project development</p>	<p>Improving grid capacity to enable offtake and renewable energy delivery</p>	<p>No. grid capacity consultation responses Dalton Industrial Decarbonisation Project kwh renewable</p>		<p>£ 206.8K external funding secured from Innovate UK and partners for Dalton Industrial Estate decarbonisation</p>	<p>Project is nearing completion by 31.12.24 and identified grid constraints, opportunities for renewable energy, circular economy and natural capital interventions.</p>		<p>Lessons learnt to scale up for other industrial sites</p>
<p>iii</p>	<p>Increase renewable and low carbon energy capacity at differing scales</p>	<p>Programme of renewable energy development and utilisation</p>	<p>Increase in renewable energy generation and storage in NYC Property Decarbonisation Plan and</p>	<p>energy generation No. projects supported [Shore Power / Seamer Carr and AWRP / Leisure Centre decarbonisation</p>	<p>Environment / Resources</p>	<p>Officer time £ 47K DDNZF secured. (Other DDNZF and £SPF decarbonisation grant programme</p>	<p>DDNZF AWRP and Seamer Carr included elsewhere on progress report DDNZF Shore Power - consultants appointed due to report by March 2025 Dalton Industrialisation decarbonisation</p>		<p>Continue renewable energy development subject to continued Government Support and / or financial</p>

Appendix A

		residential properties SPF Business and Community decarbonisation grants programme Feasibility study into harbour based renewable energy and AWRP green energy production Support for schools sector to generation and utilise renewable energy Investigation into options for industrial estate renewable energy opportunities	plans / Dalton Industrial Estate Decarbonisation / SPF Community buildings and business sustainability programme] Feasibility study completed NYC renewable		with renewable energy aspects included elsewhere on progress report)	included elsewhere on progress report - to report by March 2025 SPF community and business grants renewable energy outcomes to report by March 2025		business case development
Green Hydrogen Opportunities	Regional green hydrogen supply and demand study by NE&YNZH Green hydrogen feasibility study	Studies leading to business cases by 31.03.25	Environment	DDNZF secured, included in c(ii) above	Update included in mitigation c(ii)		Business case development and implementation	

		at AWRP and Seamer						
	District Heat Network and Geothermal Energy Opportunities	Feasibility studies and business case development	No. projects developed	Environment	Officer time £ DDNZF and SPF funding included elsewhere in progress update. £DDNZF	Update included in mitigation d(iii) above		Deliver on the District Heat Network and Geothermal Energy Opportunities identified
iv	Support innovation in energy storage including battery storage and green hydrogen production and storage	Energy from waste, such as Anaerobic Digestion opportunities. Leisure facility decarbonisation studies to include battery storage	Feasibility studies and business case development	No. projects developed	Environment	Decarbonising Waste and Shore Power studies included elsewhere in programme report Beyond Carbon Leisure decarbonisation included elsewhere	SPF funding secured for 2 AD plants utilising waste from dairy farms. Evaluation of projects due to report back March 2025.	Develop business plans for feasible projects. Investigate sand battery heat storage
v	Support community energy projects and co-ops to improve local energy security, create community owned assets and overcome grid constraints.	NE&Y Net Zero Hub community energy steering group	Strategic approach to community energy and sharing of skills and knowledge	No. meetings and delivery of action plan.	Environment	Officer time	NYC represented on YNYNZH community energy steering group, delivery of action plan underway.	Continue to work with regional partners to promote community energy

Appendix A

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
		Facilitate Community Energy Projects	Increased community energy knowledge and implementation	No. Community energy projects supported No. Community Energy Groups	Environment	Officer time £60K external DDNZF secured £149K External SPF secured	SPF Funding secured for 6 community energy feasibility projects due to report by March 25		Continue to work with regional partners to promote community energy
vi	Ensuring North Yorkshire has the skills to take forward renewable energy transition	Skills demand and supply analysis with YNYCA	Plans to improve skills for renewable energy are developed and implemented.	No. renewable energy skills courses	Community Development / YNYCA	Officer time UKSPF green skills funding secured	Courses in solar PV installation are offered through the Green Skills programme.		Continue to work with regional partners to promote renewable energy skills
e	Agricultural emissions								
i	Support agricultural businesses to calculate and reduce their emissions and increase the carbon storage capacity of their land through partnerships	Encourage the use of farming techniques to store carbon in the landscape such as regenerative agriculture, tree, hedgerow and soil management	Study to review the potential contribution to NYC Climate Change Strategy from the farm estate	Report leading to policy development	Resources	Officer time £50K external funding secured	Farmed Estate has been reviewed and options for decarbonisation assessed. This includes potential for renewable energy.		Business case development and implementation

Appendix A

	such as protected landscapes and Grow Yorkshire initiatives.	Farm grants programmes	Grant programme and advice for sustainable farming practices: Farming in Protected Landscapes and SPF Farm Sustainability Audits	No. grants tCO2e saved No. Farm Decarbonisation Audits	Environment / Y&NYCA	Officer time £FIPL funding secured - included in supporting nature section e(i) and (ii) £250K SPF funding secured	The FIPL funding is covered in the Supporting Nature section. £250K external SPF funding secured for the Farm Sustainability Programme to be delivered by March 2025. 40 audits will be produced providing recommendations to support climate responsible farming across diverse landscapes and farm types.		Continue programme subject to continued Government Support
ii	Increase supporting / innovation efficiency of food production through low carbon technologies	Regional Economic Strategy - agritech	Regional policy to support low carbon food production	Policy development	Y&NYCA	Officer time	Low carbon farming remains a priority in the emerging Combined Authority Growth Plan which is currently being developed. YC engaged in that discussion		Strategy review
		Protected Landscapes farm programme	Grant programme and advice for sustainable farming practices	No. grants tCO2e saved	Environment	Officer time £External funding secured	Included in Supporting Nature section		Continue programme subject to continued Government Support

Appendix A

iii	Support local food supply chain initiatives such as reducing food miles, and improved quality to encourage sustainable diets.	North Yorkshire Food Strategy - finalise	North Yorkshire Food Strategy developed by 30.09.24 Incorporates 'ground to fork' food chain activities.	Strategy in place	Health and Adult Services	Officer time £21.5K SPF external funding secured	Comprehensive review of food production through to food waste, disposal and recycling. Partners are working together to establish priorities and actions that help ensure our food system provides nutritious, accessible, affordable and sustainably produced food in North Yorkshire by March 2025 support for leavening allotments programme		Strategy review and implementation
		NYC Procurement	Provision of metrics for food procurement	Strategy refresh	Resources	Officer time	No progress report available at this point.		Ongoing monitoring

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Actions	Outcome	Anticipated Output	Lead Directorate / Board	Resource Implication	Progress	RAG rating	Medium Term actions 2025-2030
e	Capturing and storing carbon								
i	Encourage the use of farming techniques to store carbon in the landscape	see 'supporting nature' sections (e) and (f)							

Appendix A

ii	Increase new carbon storage capacity, through the number of trees and hedgerows planted and protected and ensure North Yorkshire has the skilled workforce to manage the increased treescape. There is also potential to develop kelp forests in the marine environment.	Woodland Accelerator - increased tree planting on public land	Identify and bring forward areas of public land suitable for tree planting	No Ha planted No. trees planted tCO2e sequestered	Environment	DEFRA funding secured	See Supporting Nature sections for progress updates	Yellow	Continue programme subject to continued Government Support
		Yorkshire Coast Marine Partnership	Study to review potential of kelp to sequester carbon by 31.03.25	Policy development	East Riding Yorkshire Council	Officer time £ DDNZF secured	No progress report at this point.	Red	Review Yorkshire Coast Marine Partnership programme
iii	Preserve existing carbon stores such as peatlands and mature trees, including carbon storage of 'fallen timber'	Peat restoration projects	Programme of peat restoration to protect methane emissions	Ha peatland restoration	Yorkshire Peat Partnership	SPF external funding secured, included elsewhere in report	Support for YPP to create a schools / young people's engagement project to monitor peat levels and understand its importance to climate change	Green	Review Yorkshire Peat Partnership programme
iv	Support regional partners to develop large scale carbon capture technology and projects around the Humber estuary and at our Energy from Waste plant	Investigate options to capture carbon at AWRP	Options analysis and business case development by 30.03.25	Business case development	Environment	£DDNZF secured	See Waste and Circular Economy section	Green	Business case implementation

North Yorkshire Climate Change Strategy Delivery Pathway: Supporting Nature to Thrive

Key: Delivered or led by NYC / **Delivered in partnership**

		Short term actions to 2025	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress	RAG rating	Medium Term 2025-2030
a	Work in partnerships								
i	Build the evidence base locally to prioritise areas (geographic and habitat) or urgent action to protect and restore nature sites. and improve air and water quality and light pollution.	Local Investment in Natural Capital (LINC)	See below (di)	See below (di)	Environment	See below (di)	See below (di)		See below (di)
		Local Nature Recovery Strategy (LNRS)	See below (ci)	See below (ci)	Environment	See below (ci)	See below (ci)		See below (ci)
ii	Support community-based groups to improve biodiversity of their local areas through both monitoring and physical improvements	Living Leven Project	Improving water quality and other environmental benefits Create and restore 10 hectares	Water quality and natural flood defence improvements	NYC in partnership with Environment Agency and Tees Rivers Trust	£90K external funding secured. Future funding bids being prepared.	Thriving Catchment Programme is delivering water sampling, flow meters and septic tank campaigns underway. Landowner and farmer engagement		Long term aim of addressing water quality issues and reducing flood risk

Appendix A

	<p>Long Preston Flood Plain Project</p>	<p>of habitat, focusing on wildlife corridors. This includes 16 separate schemes that will regenerate riparian woodlands and hedgerows, protect wetlands and tributaries, and provide natural flood management. Plant landscape trees to combat ash dieback. Connect 8,000 people to nature in the area, including underrepresented communities, through improved access and interpretation, volunteering and events. Engage over 26 farmers in the project, highlighting how sustainable agriculture can contribute to effective environmental management.</p>	<p>To create a healthy floodplain that stores carbon and helps mitigate against the effects of a changing climate as well as supporting an abundance of plant and wildlife.</p>	<p>Yorkshire Dales Millennium Trust, Ribble Rivers Trust & others</p>	<p>£274K total project cost over 18 months with £244.7K from the Green Recovery Challenge Fund</p>	<p>Longstanding project work and partnerships between land owners, farmers and conservation groups has demonstrated the integration of wetland management for wildlife with sustainable farm economies. 16 habitat creation sites across 10.5 ha since 2022. A new strategy is now in development.</p>		<p>Long term aim of addressing water quality issues and reducing flood risk</p>
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Appendix A

	River Skell Project	Reducing the amount of sediment and pollution entering the watercourse	Reduce silt build up and subsequent flooding. Improvements to ecological water quality and improve peoples access to nature. Project to be completed end of 2024.	Nidderdale National Landscape and The National Trust	£1.4m from The National Lottery Heritage Fund & £230k from ERDF). Scheme to cost approx. £2.5m	20 natural flood management projects, wildflower grasslands, new planting and wetland habitats. Bat monitoring		Long term aim of addressing water quality issues and reducing flood risk
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	Short term actions to 2025	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress	RAG rating	Medium Term 2025-2030
	Foss Catchment Project	Research includes; Walkover surveys, fencing installed, storage pond for runoff and drainage in farm settings.	Improving water quality as well as mitigating flood risk throughout the Foss catchment and improving habitat for the River Foss wildlife.	NYC in partnership with Environment Agency and Yorkshire Wildlife Trust	£180K External Green Challenge Fund secured	YWT report several completed projects including livestock crossing, pond sediment filters, buffer strip tree planting and reprofiling.		Environment Agency funding for 3 years from 2023. Continue work to improve water quality and mitigate flood risk

Appendix A

		Highways Verge Management	Identify areas where relaxed mowing regime can be implemented. Involve Parish/Town Councils and community groups	Increased biodiversity and cost savings Meters of verge improved	Environment	Officer time and internal budgets	internal assessment to identify areas within our rural grass management policy that could be improved and a trial area is underway until March 2025. This includes observations on machinery use / carbon impact, visual issues and biodiversity impacts.		Continue if beneficial
		Identify and support volunteers to develop local nature projects (see adaptation 2e)	Network of support for voluntary action	X no. volunteer hours	Environment	Officer time / small scale funding support	No progress to report		Improve network and peer support opportunities
iii	Encourage landowners to adopt more nature-friendly farming and increase the biodiversity value of their land	Create guidance note on supporting nature and soil carbon on NYC tenanted land	Guidance establishing beneficial practice and assistance with national funding (SFI) Working with a range of	Improved biodiversity and abundance of wildlife throughout North Yorkshire. soil carbon capture	Resources	Officer time / Y&NYCA (Grow Yorkshire)	See Mitigation e regarding reducing agricultural emissions.		Assess sustainable farming skills requirements

Appendix A

iv	National Landscapes (previously known as AONB)	NYC hosting Nidderdale NL and Howardian Hills NL, managed through a Joint Advisory Committee	partners to support protected landscapes in areas such as • Moorland (Peatland Restoration - Yorkshire Peat Partnership) • Woodland (Woodland creation - managing existing woodland) • Grassland (Traditional Farmland - encourage regenerative agriculture) • Freshwater (Wetland creation) Historic environment Wildlife and biodiversity	Management plans, delivery of support programmes including advice and funding	Environment	NNL: External funding £320.7K, internal funding £62K p.a 24/25 £154.5K additional external DEFRA HHNL:£144.5K, internal funding £94K. 24/25 £72K additional external DEFRA	The NLs each work to a Management Plan to support vibrant working landscapes where rural communities, land managers and businesses are working collaboratively to protect the special qualities.		Management Plan reviews for 2025-2030 period
b	Prioritise nature-based solutions								
i		Coastal Resilience Innovation Programme)	Natural flood management using nature based solutions		Led by York City Council		No progress report at this point		

	Short term actions to 2025	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress	RAG rating	Medium Term 2025-2030
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ii		White Rose Forest	Focus on supporting projects that maximise community benefit within two strategic planting programmes: Landscapes for Water and Green Streets.	Landscape for Water: 2500 ha of new tree canopy in priority river catchments - Green Streets: 1000 ha of new tree canopy in urban areas and along major transport routes by 2025.	Environment	Awaiting budgetary information	654ha tree planting in NY in 23/24 with 859Ha in pipeline for next year.		
iii		Ryevitalise (Howardian Hills)	Projects focus on water environment, water quality, water level management and reconnecting people	Improved water quality due to connection with local farmland and community engagement. Improve hydrological connectivity	Ryevitalise Landscape Partnership, National Lottery Heritage Fund, North York Moors National Park. NYC are a project partner. Funding until 2025	Awaiting information from Ryevitalise team	No progress report at this point		
c	Implement Statutory Requirements								

Appendix A

i	North Yorkshire and York Local Nature Recovery	LNRS for North Yorkshire & York	Map valuable existing areas for nature - agree priorities for nature's recovery - map specific proposals for creating and improving habitat for nature and wider environmental goals. Finalised report by March 2025	Strategy will work to restore, create and connect habitats across England. They will aid in directing new funding streams and link with BNG. Mapping tool & framework	Environment	Awaiting budgetary information	Areas of Particular Importance for Biodiversity (APIBs) have been mapped Draft of Strategy Area description has been completed Draft of nature recovery priorities is being finalised Measures (actions) associated with the priorities are being drafted		Develop policy/implementation using LNRS output
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Appendix A

		Short term actions to 2025	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress	RAG rating	Medium Term 2025-2030
ii	Biodiversity Net Gain (BNG)	BNG policy adopted Jan '24. Embedded in Local Plan policy workstream BNG monitoring and reporting BNG Strategic Significance Mapping Extended Biodiversity Duty	(Planning services compliant with new BNG legislation from Jan 2024) Establish systems for monitoring and auditing BNG delivery through the planning system Develop SS mapping used by Harrogate Borough Council across North Yorkshire Begin recording BNG delivery outcomes (summary of habitat types/area)	BNG monitoring and reporting software / system Agree policies and objectives based on findings	Community Development	c.£230k (for BNG received from Defra in tranches)	Mandatory BNG legislation came into force in Feb '24 and April '24. Three cases have reached the discharge of gain plan condition stage and one of those has been accepted to date. A BNG-specific product called Mycelia is in use on a trial /interim basis and allows us to monitor cases and track their BNG commitments over time. A map of Habitats of Strategic Significance in North Yorkshire has been created by the ecological data centre to inform the spatial multipliers in the BNG Metric and is now in use, providing an incentive for BNG delivery to create habitats in areas beneficial to creating		Develop appropriate learning Review and audit delivery of BNG sites over first few years Include BNG outcomes in Biodiversity Report by 01/01/26

Appendix A

							an ecologically resilient network across the county.		
iii	Local Plan	Develop Local Plan	Embed BNG & LNRS within the Local Plan	Support nature	Community Development	Officer Time	See Mitigation a(ii) for local plan update.		Adopt Local Plan (2028)
		Green (& Blue) Infrastructure Strategy (for Local Plan)	Policy Document	Informs/is informed by Loc	Community Development	Officer Time	No specific update available at this point		Deliverance of Blue & Green Infrastructure Strategy
d	Support nature through economic growth		Build capacity and knowledge						
i	Natural Capital Investment Plan	LINC Programme	within region on green finance, land holders, investment preferences and priorities. Develop local ecosystem markets and investment vehicles that support green finance. Produce investment plan/portfolio of nature recovery	Attract private investment in natural capital projects	Environment with Y&NYCA and City of York.,	£1million external Defra funding secured	Project is progressing well and currently at community engagement stage.		Blended finance approach post 2025. Plan to attract future funding from bodies such as Defra
ii	Identify and meet skills gaps	Green-natural environment Skills Bootcamps	Learning on Arboriculture, forestry and pesticide operations	Introduce new workforce in	NYC - Craven College	£165K SPF external funding secured	20 learners started landbased arboriculture and forestry bootcamp with pipeline of future starters.		Potential to expand Skills Bootcamps into Climate Change areas

Appendix A

		Short term actions to 2025	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress	RAG rating	Medium Term 2025-2030
iii	Sustainable tourism	Destination Management Plan being developed by 31.01.25 which will include sustainable tourism policy	Provide the first countywide approach to promoting the visitor economy since April 2023	Ensure visitors stay for longer and explore more of what North Yorkshire has to offer, while attracting more people to travel to the county from overseas.	Community Development	Officer Time	NYC Tourism Strategy to be considered by Executive October 24. Harrogate Convention Centre Sustainability Plan in place		Implementation of DMP sustainable tourism policy
iv	Investment through carbon credits	Investigate the market for carbon credits	Increased knowledge of potential to support investment in supporting nature	Briefing document	Environment / Resources	Officer time	CCDP to include reference to developing an insetting and offsetting strategy by March 25		Develop carbon credits approach
e	Sustainable land use and green spaces - improved greenspace management on NYC land and support others to do likewise on their land								

i	Howardian Hill National Landscape	Howardian Hills - Farming in Protected Landscapes programme	Defra has introduced the Farming in Protected Landscapes (FiPL) programme, which will run from July 2021 to March 2025.	Projects that support nature recovery, mitigate the impacts of climate change, provide opportunities for people to discover, enjoy and understand the landscape and cultural heritage, or support nature-friendly, sustainable farm businesses. This is a programme of funding for one-off projects covering these areas of work, not an agri-environment scheme.	Environment	£487K external DEFRA secured	Grants are currently being awarded for projects that support nature recovery; mitigate the impacts of climate change; provide opportunities for people to discover, enjoy and understand the landscape and cultural heritage; or support nature-friendly, sustainable farm businesses.		Finishes March 2025
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Appendix A

ii	Nidderdale National Landscape	Nidderdale Farming in Protected Landscapes programme	Defra has introduced the Farming in Protected Landscapes (FiPL) programme, which will run from July 2021 to March 2025.	Projects that support nature recovery, mitigate the impacts of climate change, provide opportunities for people to discover, enjoy and understand the landscape and cultural heritage, or support nature-friendly, sustainable farm businesses. This is a programme of funding for one-off projects covering these areas of work, not an agri-environment scheme.	Environment	£1million external Defra funding secured	4th year of FIPL delivery will allocate £1.016 mill to support wetland habitats, historic environment conservation and regenerative farming. 150 project supported.		Finishes March 2025
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Appendix A

iii	Dalton Industrial Decarbonisation Plan	Supporting nature options developed for an industrial cluster	Businesses working collaboratively to support local nature to thrive.	Reports for each business to identify options for supporting nature.	Environment	External grant funding included in Mitigation / Energy section.	Project to conclude March 2025		
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		Short term actions to 2025	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress	RAG rating	Medium Term 2025-2030
iv	Farm Sustainability audits	Implement the Farm Sustainability Programme	Supporting carbon reduction on farms	20 sustainability audits	Y&YCA	SPF external funding included in agricultural emissions	See Mitigation/agricultural emissions for progress update		feedback to ascertain priority or novel activities and Extend
v	NYC greenspace management	investigate options for supporting biodiversity in public greenspaces	Action Plan by 31.03.25	Increased biodiversity in public spaces	Environment	Officer Time £20K SPF external funding secured for Castlegate greenspace £50K internal budget allocated to former Selby District tree planting £35K external DEFRA funding secured for	The Selby treeplanting project has commenced with site identification and engagement. Planting in winter 24 season		

Appendix A

						Selby District tree planting			
f	Tree planting at scale								
i	Establish tree planting targets	Set achievable targets for woodland creation	Effective tree planting across North Yorkshire	50 ha 2025 season & 100 ha 2026 season	Environment	Awaiting budgetary information	On the pipeline for the 24/25 season we have 223 standard trees and 10.87Ha woodland		Continued tree planting
ii	Identify suitable tree planting land ('right tree, right place')	Map desirable areas for tree planting to take place. Focus is on flood catchments & urban areas	Ensuring right tree is planted in the right place to enable support to nature within urban environments and assist with mitigation of floods	Mapping of tree sites	Environment	Officer time	A number of partners are identifying suitable planting areas to ensure appropriate locations are selected.		Plant in areas assessed
iii	Develop community tree planting engagement with White Rose Forest - school engagement	Involve communities in tree planting activity	Develop strong network of community volunteers to look after planting sites	No. volunteers	Environment	WRF officer time	337 volunteers engaged 1 school engagement		Use network to assist with goals
iv	North Yorkshire Tree and Woodland policy development	Knowledge of issues and opportunities developed - including response to ash die back	Scale of issue and tree replacement policy developed	Policy in place	Environment	Officer time	Policy in development anticipated adoption in 2025		Implement policy and monitor outputs

	Short term actions to 2025	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress	RAG rating	Medium Term 2025-2030
g	New opportunities in the marine environment							

Appendix A

i	<p>North East Strategic Coastal Monitoring Programme</p>	<ul style="list-style-type: none"> • Beach profile surveying; • Beach topographic surveying; • Cliff-top position surveying; • Bathymetric surveying; • Sea bed characterisation and habitat mapping; • Wave and tide data collection (Wave buoys & tide gauges); • Aerial photography (both vertical and oblique); • LiDAR surveys; • Terrestrial Ecological Habitat mapping; • Walk-over visual inspections of manmade defences and natural cliff and dune features; • Website updates; • Data management; 	<p>Understand coastal erosion and the effects of climate change on the landscape. Buoy network monitors storminess and sea level rise and tide gauges measure level rise. Assists producing coastal strategies (reviewed every 10 years).</p>		Environment	Fully funded until 2027 with £4.5m by Environment Agency via Defra grant in Aid.	No progress report at this point		<p>From 2027 NYC will seek the next phase of funding for coastal monitoring to 2033 and the North East region will likely require an increase surmounting to a budget of around £6 million of grant.</p>
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Appendix A

		<ul style="list-style-type: none"> Data analysis and reporting. 							
ii	Great Yorkshire Kelp Forest	Provide regional dataset of kelp extent, distribution, condition and species composition. Also explore value of kelp for carbon sequestration.					See Mitigation e(ii) for more information		Longer term ambitions and recommendations coming from project
iii	Concrete Coast	Restore intertidal habitat around 'hard' infrastructure					No progress report available at this point		Secure funding to enable more enhancements to be installed along coastline

North Yorkshire Climate Change Strategy Delivery Pathway: NYC seek to become operationally net zero by 2030 (note some repetition with Governance section)

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Action	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress to 31.08.24	RAG Rating	Medium Term actions 2025-2030
	Beyond Carbon - Officer Board leading on Operational Net Zero target	Bi Monthly meetings to drive progress	Corporate response to 2030 target	Policy discussion, project development	Environment	Officer time Beyond Carbon budget	Ongoing schedule		Refresh to reflect trajectory
a	Measure and report on emissions								
i	Annual LGA reporting, moving to bi annual	Coordinate datasets from property, fleet and waste	nationally comparative datasets to track NYC performance	Annual Q2 Performance data in tCO2e	Environment	Officer time	2022 figures published to 17.10.24 TEEEOC		Six monthly reporting to quarterly reporting
ii	Scope 3 procurement emissions external valuation every 3 years.	Procure review for 2024 and revisit procurement strategy to support low carbon procurement	Methodology for measuring procurement emissions	Performance data in tCO2e by 30.09.24	Resources	Officer time and resource requirement t.b.d	Project to be developed following feedback from supplier engagement exercise		Review 2027 and 2030
iii	Pathway to net zero – when are we likely to reach on current trajectory	Develop pathway methodology to track progress. To include carbon budgeting and offsetting strategy.	Trajectory prediction and performance. Prepare for offsetting / insetting emissions that cannot be reduced.	Projected timeline to net zero by 30.09.24	Environment	Officer time	Delivery date now February 2025, to take account of Property and Fleet Decarbonisation Plans development		Monitor and report progress and adjust strategy
iv	Climate Emergency UK	Prepare for national data collection exercise on LA performance in	Annual report with score	First report in 2024	Environment	Officer time	Currently underway with response to FOI and NYC		Annual reporting

Appendix A

		responses to the climate emergency.					response due Dec 2024.		
b	Fleet and Property								Action plan and
i	Fleet Decarbonisation Strategy by June 2024	Develop Fleet Decarbonisation Strategy Study for vehicle replacement options	To agree approach to fleet decarbonisation	Draft plan by 31.09.24 Metrics to include: No. low carbon fleet as %	Environment	Officer time £60K internal Beyond Carbon Fleet replacement budget	Approved internally 30.06.24 and commencing details operational action plan.		vehicle replacement programme supported with Beyond Carbon funded research into operational
ii	Grey Fleet Decarbonisation Strategy by September 2024	NYC staff travel policy review EV Pool car developments	Reduced grey fleet mileage	Staff travel reduction increased use of EV Pool Cars increased use of Lift Share option	HR Environment (Pool cars) HAS (trial lease cars) Use of Lift Share option	Officer time EV Fleet budget	To follow the fleet decarbonisation strategy which will review locations for EV Pool Cars.		Review and update

Appendix A

	Key: Delivered or led by NYC / Delivered in partnership	Short term to 2025 Action	Outcome	Anticipated Output	Lead Directorate	Resource Implication	Progress to 31.08.24	RAG Rating	Medium Term actions 2025-2030
iii	Property Decarbonisation Strategy by September 2024	Develop Property Decarbonisation Strategy	To agree approach to assets decarbonisation	No. Public Sector Decarbonisation Scheme applications No. LED lighting upgrades tCO2e saved kwh renewable energy generation	Resources	Officer time £400 External PSDS awarded (rnd 3b) PSDS (rnd 3c) and DDNZF bids made in 2023 were unsuccessful due to oversubscription. Bids are being developed for 2024 programme. £120K internal Beyond Carbon budget secured. fund for audits and feasibility studies. Since LGR remaining 5K Roadlighting assets will be upgraded over 3 years.	Property team reorganisation now completed and resource secured to undertake further Decarbonisation Audits of most energy intensive properties and feasibility into novel geothermal heating.		Review and update
c Procurement and Commissioning									
i	Procurement - Encourage our suppliers to take	Review Procurement Strategy following	To agree approach to scope 3	No. procurement exercises with low	Resources	Officer time £22K internal Beyond	Supplier engagement		Review and update

Appendix A

	climate responsible actions.	scope 3 assessment	emissions reduction	carbon qualification		Carbon budget secured	activity commenced		
d	Embed climate change into every service and into policy and decision-making process so that taking climate responsible actions becomes 'business as usual'								
i	Climate Change Impact Assessments	Refresh to reflect Climate Change Strategy	Improved connection of reports to Strategy	No. CCIAs completed	Environment	Officer time	CCIAs refresh due by December 2024 to reflect CCDP Underway - schools survey conducted and Growing Up In North Yorkshire results		Review and update
ii	Directorate / Service level plans by June 2024	Directorate action plans into Service Plans	To include climate actions in service planning	CCDP report annually	Beyond Carbon Board	Officer time	Approved internally 30.06.24 and commencing details operational action plan.		Review and update
iii	Climate change awareness training all officers and members	Refresh Learning Zone module to reflect LGR and Climate Change Strategy	Relevant module for all staff	No. completions	HR and Business Support	Officer time including Climate Change Business Partner support	Module refresh to reflect CCDP due by December 2024 and to be included into induction package.		Review and update
e	Operational / wrap around groups								

Appendix A

i	Identify areas of area specific support required such as schools, low carbon economy, public health, tree and woodland, Energy and grid capacity	Establish groups and meet 3 times p.a	Coordination of cross Directorate issues	Establish groups by 30.09.24	All	Officer time including Climate Change Business Partner support	This superseded by Sustainability Champions, Retrofit Board, LEVI Board and Directorate based groups as restructures have filled the gaps. Strategic Energy Partnership in development.		Review 2026/29
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Appendix A

Acronyms used in CCDP For a description of the terms used in this document, please refer to the NYC Climate Change Strategy Glossary on page 59

AD	Anaerobic Digestion
AWRP	Allerton Waste Recovery Park - energy from waste facility
BSIP	Bus Service Improvement Plan
CCIA	Climate Change Impact Assessment
CCDP	Climate Change Delivery Pathway
DEFRA	Department Environment Food and Rural Affairs
DDNZF	Devolution Deal Net Zero Fund
DESNZ	Department Energy Security and Net Zero
DLUHC	Department Levelling Up, Homes and Communities
EVCP	Electric Vehicle Charging Point
FIPL	Farming In Protected Landscapes grant programme
GHG	Greenhouse Gas Emissions
HCC	Harrogate Convention Centre
HGV	Heavy Goods Vehicle
HHNL	Howardian Hills National Landscape
HUG	Home Upgrade Grant (round 2)
K	1000
KM	Kilometres
kWh	Kilowatt Hours - measure of renewable energy
L3	Level 3 qualification
LCWIP	Local Cycling and Walking Implementation Plan
LAEP	Local Area Energy Plan
LEVI	Local Electric Vehicle Infrastructure
LGR	Local Government Reorganisation
LTP	Local Transport Plan
MEES	Minimum Energy Efficiency Standards
NEYNZH	North East and Yorkshire Net Zero Hub
NNL	Nidderdale National Landscape
NPG	Northern Powergrid
NPPF	National Policy Planning Framework
NY	North Yorkshire
NYC	North Yorkshire Council
NYNET	Programme of broadband upgrades
ORCS	Off Road Charging Scheme
PV	Photovoltaic Solar Panels
RAG	Red Amber Green risk of delivery rating
SHDF	Social Housing Decarbonisation Fund
SPF	Shared Prosperity Fund
tCO ₂ e	Tonnes Carbon Dioxide equivalent (measure of GHG emissions)
TEEEOSC	Transport Economy Environment and Enterprise Overview and Scrutiny Committee
ULEV	Ultra Low Emissions Vehicles
YNY	York and North Yorkshire
YNYCA	York and North Yorkshire Combined Authority
YPP	Yorkshire Peat Partnership

TEEEOSC 17 October 2024
Climate Change Strategy Performance Report
Annual Greenhouse Gas Emissions Data

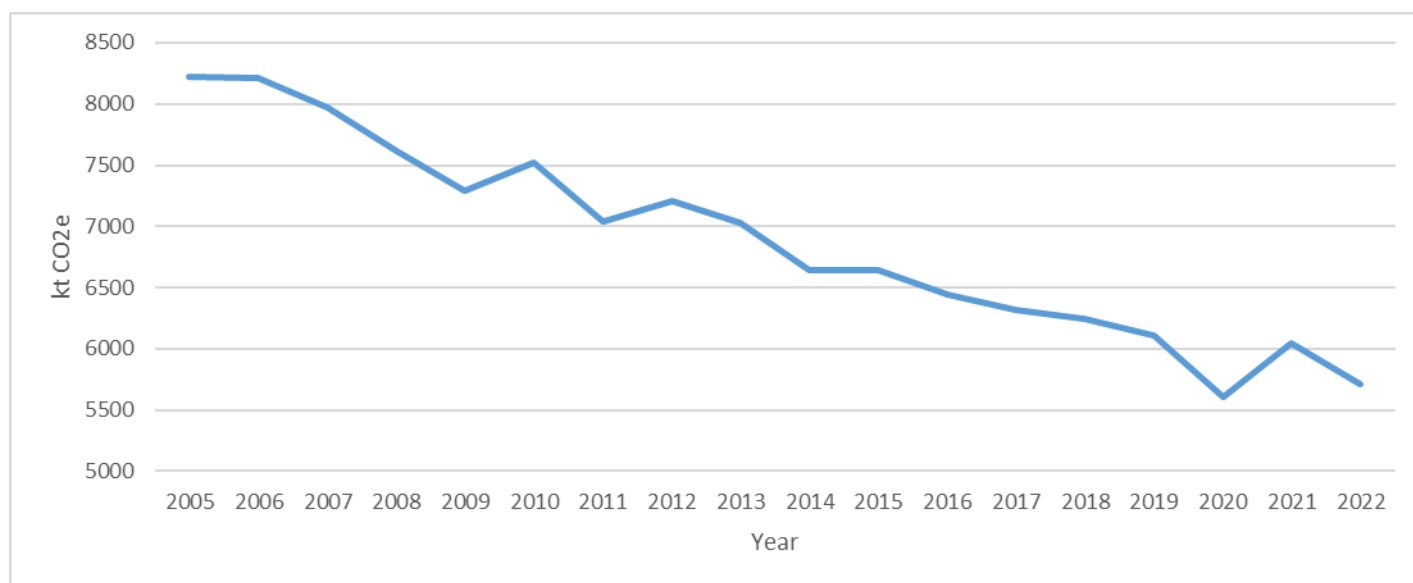
Territorial Emissions

Background to the Department Energy Security and Net Zero (DESNZ) data

1. DESNZ produce comparable territorially produced emissions estimates at LA level which has given trend data since 2005. This data was published by Department for Energy Security and Net Zero on 27.06.24 and is the most recent iteration. The main data sources are the UK National Atmospheric Emissions Inventory and the BEIS National Statistics of energy consumption for LA areas ([Regional and local authority electricity consumption statistics - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/statistics/regional-and-local-authority-electricity-consumption-statistics)).
2. Data prior to 2020 included carbon dioxide (CO₂) emissions only. This has been changed, and emissions data is now inclusive of methane (CH₄) and nitrous oxide (N₂O), this can also be referred to as CO₂e (whereby the e refers to 'equivalent') and provides a more holistic overview of all emissions produced by businesses and local authorities.
3. Data is updated and rebased lined each year to take account of methodological improvements, so the estimates presented here supersede previous ones.

B 2022 North Yorkshire Area Data

Figure 1. Total territorial greenhouse gas emissions estimates between 2005-2022 (kt CO₂e) for North Yorkshire. Source DESNZ data set, 2024



Interrogating data produced by DESNZ reveals a general decline of terrestrial CO₂e between 2005 and 2022 in North Yorkshire – from 8225ktCO₂e to 5714ktCO₂e (~31% decrease over an 18 year period). Total emissions for the region can be segregated into sector for the region, please see figure 2. This allows for trends between sectors to be visualised and allows for some narrative to be established which may help to explain the general decline in emissions as demonstrated in figure 1. A slight increase of 7% (437ktCO₂e) in emissions can be seen between 2020 and 2021, but this has not continued into 2022 where there has been a 5% (330ktCO₂e) decrease in emissions compared with 2021.

Figure 2. Total territorial greenhouse gas emissions estimates between 2005-2022 (kt CO₂e) for North Yorkshire by Sector types. Source DESNZ data set, 2024

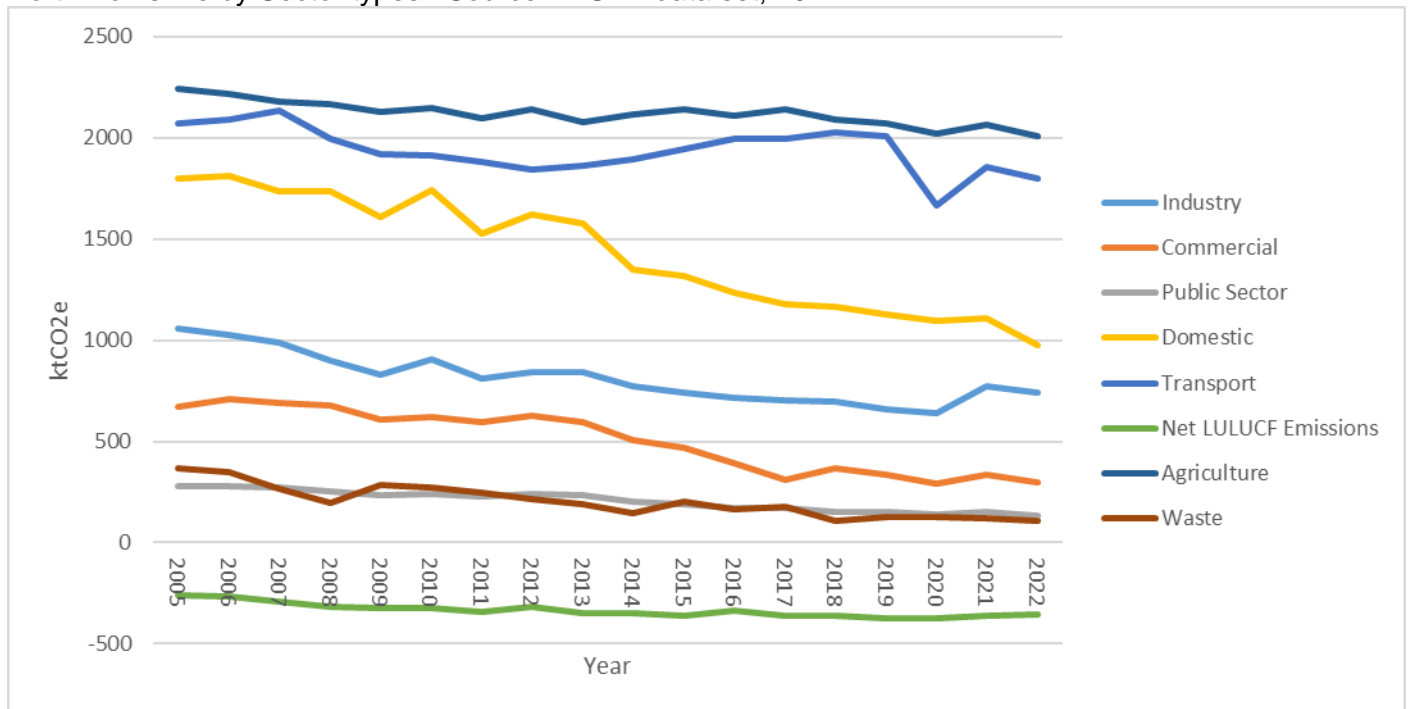
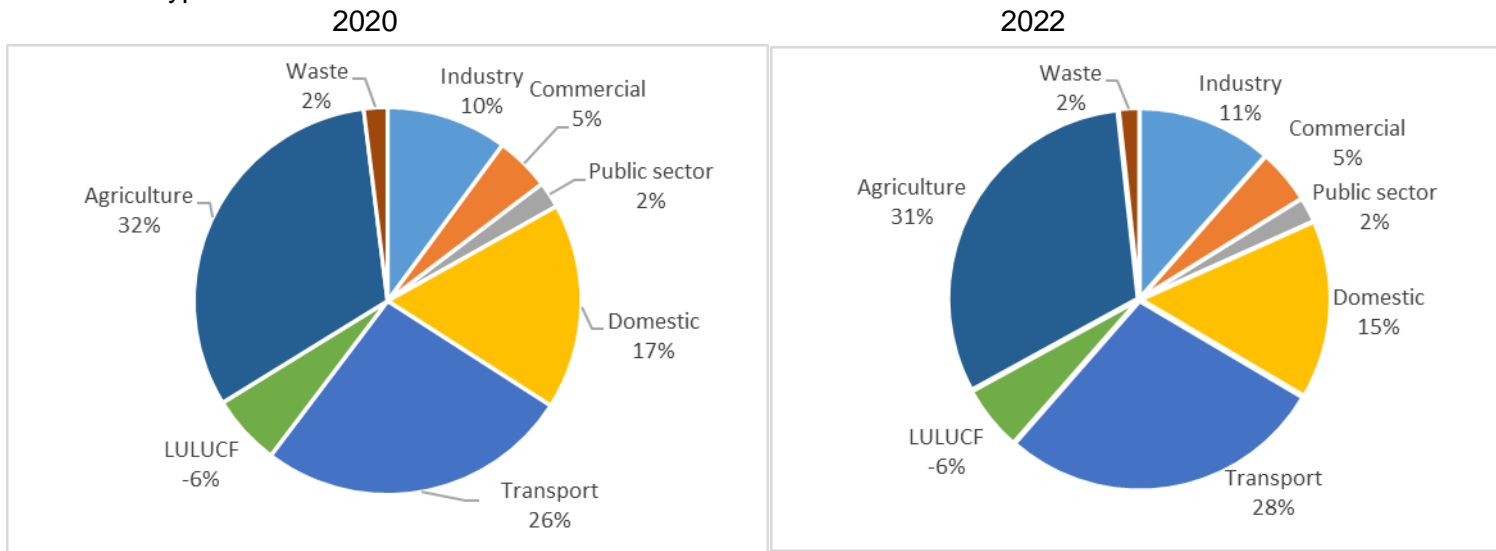


Figure 2 delineates the total estimated emissions of sectors throughout North Yorkshire. As can be seen, the general trend is a reduction in emissions, however some sectors do see an uptick in emissions in 2021. This trend has not continued between 2021 and 2022.

All sectors are demonstrating a general decrease in emissions. It is worth mentioning that sectors can be further broken down into their constituent parts; at a minimum into the gas, electric and 'other'. With the work being carried out by industry and governments on decarbonising the energy sector there is likely to be a natural decline in emissions across all sectors. Further, with the expansion and introduction of the UK Emissions Trading Scheme, and the associated costs of emitting for industry and transport it is likely for greater efforts to be made in decarbonisation as the 'cost to pollute' increases.

The green coloured line in figure 2, shows a negative net emission for Land use, land-use change, and forestry (LULUCF) sector. This is due to the overall sequestration (storage of carbon) associated with the forestry and land use. North Yorkshire has many opportunities for natural sequestration as a result of its geography and rural location and locally 'offsets' the other sectors to provide a territorial total for North Yorkshire.

Figure 3. Percentage comparison between 2020 and 2022 North Yorkshire total emissions per sector type.



A comparison between 2020 and 2022 pie charts has been drawn above as the 2020 pie chart was presented as a key chart for the NYC Climate Change Strategy Consultation and could be considered as baseline. It is worth noting that Agriculture, Transport and Domestic remain the highest emitting sectors. Between 2020 and 2022 there has been a one percentage point decrease in the Agricultural sector and a two-percentage point decrease in Domestic and Transport sectors. Emissions associated with the Industrial sector have realised a 1% increase in sectoral emissions.

North Yorkshire Council Emissions

1 Introduction

The Climate Change team is responsible for the data gathering and submission of the Financial Year emissions data for North Yorkshire Council (NYC). The results will be monitored and support offered for improvement actions to ensure the most accurate reporting of the annual emissions for the Council and to determine the pathway and trajectory to reach the ambition to be operationally net zero by 2030.

Emissions scopes

Note: Schools and wholly owned companies are not currently included in the accounting methodology.

Scope 1 (direct)

Scope 1 emissions are those which are associated with the burning of fuels by properties and fossil fuel vehicles which are owned and managed by the NYC. An example of a source of emissions are gas boilers or fuel for internal combustion engines. This has been defined as where NYC 'pay the bill'.

From data provided to the Climate Change team, as of FY24 there are 199 sites using gas, 4 using kerosene and 1 using gas oil. In addition to this, from the data provided by the fleet team, there are 1214 vehicles uplifting fuel from two fuel bunkers (NYC Bunkered Fuel and NYH issued fuel to NYC) and utilising fuel cards. The uplifted bunkered fuel also accounts for that which has been uplifted by the relevant departments to manage and maintain the parks and public areas (fuel for mowers, strimmer etc).

Scope 2 (indirect)

Scope 2 emissions are those which are associated with electricity usage at NYC buildings, including for EV charging, where NYC pay the bill for the electricity used.

From data provided to the Climate Change team, as of FY24 there are 596 sites using electricity, of which 10 were identified as street lighting (representing 61100 assets).

Scope 3 (supply chain)

Scope 3 emissions are emissions which are not produced directly by NYC and are not the result of activities from assets owned or controlled by it. However, the goods and services purchased by NYC (its supply chain) is included in the calculation. This can be extremely difficult to calculate accurately as each supplier would need to identify the carbon footprint of their products and services. In common with most LAs, currently NYC therefore only account for business travel, Transmission & Distribution associated with electricity, and Well-to-Tank emissions (emissions associated with the extraction, refining and transport of energy).

When considering Scope 3 data, there are occasions when assumptions must be used (where accurate measuring is not possible or the data is not available). This is in line with the Greenhouse Gas Protocol, [Scope 3 Calculation Guidance](#)

2 Methodology – NYC FY24 data

Data Collection

Scope 1 and 2 data is collected using actual usage, metered and uplifted bunkered fuel. Scope 3 data is based on both actuals, assumptions and total spend data. For full methodology breakdown, please see please see Annex 1.

Conversion factors to calculate emissions will be taken from the most recent Local Government Partnerships GHG Accounting Tool, 2023 DEFRA emissions factor spreadsheet and The UK Footprint Results (1990 - 2021) produced by University of Leeds and published on the [UK Government Website](#). Below outlines the sources and owners of the key data used to complete the annual emissions report.

Table 1 – A high level summary of the Emissions Monitoring RACI

Task	Accountable	Responsible	Collaborate	Informed
Building energy usage (including EV charging) and street lighting	Resources Directorate	Energy team	Strategic Property Assets IT APP	
Fleet fuel usage	Environment Directorate	Fleet management		All
Business travel claims (MyView)	Resources and Central Services	Employment Support Service		All
Business travel from booking team	Resources and Central Services	BS Finance Support Central		All

Table 2 – Scope of emissions, data, and source

Scope	Emission source	Target	Data Source
Scope 1	Building gas and oil usage	Operationally Net Zero by 2030	Energy Management team Systems link
	Commercial and pool car fleet		Total bunkered fuel and fuel card usage from Fleet
Scope 2	Electricity usage in buildings (including EV Charging) and street lighting.	Operationally Net Zero by 2030	Energy Management team Systems link
Scope 3	Business Travel	No Target set	Click Travel report from Business Support Expenses report from HR (MyView)
	T&D electricity		Scope 2, using emissions factor for T&D
	WTT emissions		Scope 1 and 2 emissions, using emissions factor for WTT emissions

North Yorkshire Council Operational Emissions 2023/24

Scope		Emissions tCO ₂ e	% of total emissions
Scope 1		14,676.47	46.4%
Scope 2	Market Based	6,571.64	20.8%
	Location Based	6,571.64	20.8%
Operational Emissions		21,248.11	67.1%
Scope 3		10,415.87	32.9%
Total Emissions		31,663.98	100%

Data compiled by Ed Rouse, Climate Change Business Partner.

Initial equality impact assessment screening form			
This form records an equality screening process to determine the relevance of equality to a proposal, and a decision whether or not a full EIA would be appropriate or proportionate.			
Directorate	Environment		
Service area	Environmental Services and Climate Change		
Proposal being screened	Climate Change Delivery Pathway Progress		
Officer(s) carrying out screening	Jos Holmes, Climate Change Strategy Manager		
What are you proposing to do?	To review progress to delivery of the CCDP		
Why are you proposing this? What are the desired outcomes?	A matrix of activities outlines the Council response to the climate emergency and delivery of the Strategy		
Does the proposal involve a significant commitment or removal of resources? Please give details.	No		
Impact on people with any of the following protected characteristics as defined by the Equality Act 2010, or NYC's additional agreed characteristics			
As part of this assessment, please consider the following questions:			
<ul style="list-style-type: none"> To what extent is this service used by particular groups of people with protected characteristics? Does the proposal relate to functions that previous consultation has identified as important? Do different groups have different needs or experiences in the area the proposal relates to? 			
If for any characteristic it is considered that there is likely to be an adverse impact or you have ticked 'Don't know/no info available', then a full EIA should be carried out where this is proportionate. You are advised to speak to your directorate representative for advice if you are in any doubt.			
Protected characteristic	Potential for adverse impact		Don't know/No info available
	Yes	No	
Age		X	
Disability		X	
Sex		X	
Race		X	
Sexual orientation		X	
Gender reassignment		X	
Religion or belief		X	
Pregnancy or maternity		X	
Marriage or civil partnership		X	
People in rural areas		X	
People on a low income		X	
Carer (unpaid family or friend)		X	
Are from the Armed Forces Community		X	
Does the proposal relate to an area where there are known inequalities/probable impacts (for example, disabled people's access to public transport)? Please give details.	No		
Will the proposal have a significant effect on how other organisations operate? (for example, partners, funding criteria, etc.). Do any of these organisations support people	No		

Appendix C

with protected characteristics? Please explain why you have reached this conclusion.				
Decision (Please tick one option)	EIA not relevant or proportionate:	✓	Continue to full EIA:	
Reason for decision	No adverse impacts are anticipated.			
Signed (Assistant Director or equivalent)	Michael Leah			
Date	30.09.24			

Climate change impact assessment

The purpose of this assessment is to help us understand the likely impacts of our decisions on the environment of North Yorkshire and on our aspiration to achieve net carbon neutrality by 2030, or as close to that date as possible. The intention is to mitigate negative effects and identify projects which will have positive effects.

This document should be completed in consultation with the supporting guidance. The final document will be published as part of the decision making process and should be written in Plain English.

If you have any additional queries which are not covered by the guidance please email climatechange@northyorks.gov.uk

Version 2: amended 11 August 2021

Please note: You may not need to undertake this assessment if your proposal will be subject to any of the following:

Planning Permission
Environmental Impact Assessment
Strategic Environmental Assessment

However, you will still need to summarise your findings in the summary section of the form below.

Please contact climatechange@northyorks.gov.uk for advice.

Title of proposal	Climate Change Delivery Pathway Progress report
Brief description of proposal	Progress on delivering the CCDP
Directorate	Environment
Service area	Environmental Services and Climate Change
Lead officer	Michael Leah
Names and roles of other people involved in carrying out the impact assessment	Jos Holmes, Climate Change Strategy Manager
Date impact assessment started	20.09.24

Options appraisal

Were any other options considered in trying to achieve the aim of this project? If so, please give brief details and explain why alternative options were not progressed.

This is a progress report so no other options were considered.

What impact will this proposal have on council budgets? Will it be cost neutral, have increased cost or reduce costs?

Please explain briefly why this will be the result, detailing estimated savings or costs where this is possible.

At this stage, there will be no impact on Council budgets. Activities identified in the CCDP will be brought through the financial and budgetary regulation processes.

<p>How will this proposal impact on the environment?</p> <p>N.B. There may be short term negative impact and longer term positive impact. Please include all potential impacts over the lifetime of a project and provide an explanation.</p>	<p>Positive impact (Place a X in the box below where</p>	<p>No impact (Place a X in the box below where</p>	<p>Negative impact (Place a X in the box below where</p>	<p>Explain why will it have this effect and over what timescale?</p> <p>Where possible/relevant please include:</p> <ul style="list-style-type: none"> • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents 	<p>Explain how you plan to mitigate any negative impacts.</p>	<p>Explain how you plan to improve any positive outcomes as far as possible.</p>	
<p>Minimise greenhouse gas emissions e.g. reducing emissions from travel, increasing energy efficiencies etc.</p>	Emissions from travel	X			The CCDP outlines how transport emissions can be reduced		Both operational and resident / business and visitor transport emissions are considered.
	Emissions from construction	X			The CCDP includes reference to new builds, including biobased construction		
	Emissions from running of buildings	X			The CCDP includes reference to reducing the emissions from existing buildings through retrofitting and low carbon heating.		Both operational and resident / business and visitor transport emissions are considered.
	Emissions from data storage		X		The CCDP includes reference to improved access to web based information and services to reduce the need to travel. This will result in increased cloud storage. However, the impact of this will be less than the travel emissions it is avoiding.	A new action is proposed to investigate cloud storage carbon footprint	NYC Operational carbon footprint will include data storage and communications will be developed to reduce this.

How will this proposal impact on the environment? N.B. There may be short term negative impact and longer term positive impact. Please include all potential impacts over the lifetime of a project and provide an explanation.	Positive impact (Place a X in the box below where	No impact (Place a X in the box below where	Negative impact (Place a X in the box below where	Explain why will it have this effect and over what timescale? Where possible/relevant please include: <ul style="list-style-type: none"> • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents 	Explain how you plan to mitigate any negative impacts.	Explain how you plan to improve any positive outcomes as far as possible.
Other	X			A wide range of mitigation measures are proposed.		
Minimise waste : Reduce, reuse, recycle and compost e.g. reducing use of single use plastic	X			The CCDP features a waste decarbonisation and circular economy section		
Reduce water consumption		X		Not specifically mentioned.		
Minimise pollution (including air, land, water, light and noise)	X			The Strategy refers to the decrease in pollution as a co-benefit.		
Ensure resilience to the effects of climate change e.g. reducing flood risk, mitigating effects of drier, hotter summers		X		The Strategy refers to this in the Adaptation section, but the CCDP Adaptation section is yet to be fully developed.		This section will support both internal operational and wider resident and business resilience.
Enhance conservation and wildlife	X			The CCDP refers to this in the Supporting Nature section.		This section will support both internal operational and wider resident and business resilience.

<p>How will this proposal impact on the environment?</p> <p>N.B. There may be short term negative impact and longer term positive impact. Please include all potential impacts over the lifetime of a project and provide an explanation.</p>	<p>Positive impact (Place a X in the box below where</p>	<p>No impact (Place a X in the box below where</p>	<p>Negative impact (Place a X in the box below where</p>	<p>Explain why will it have this effect and over what timescale?</p> <p>Where possible/relevant please include:</p> <ul style="list-style-type: none"> • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents 	<p>Explain how you plan to mitigate any negative impacts.</p>	<p>Explain how you plan to improve any positive outcomes as far as possible.</p>
<p>Safeguard the distinctive characteristics, features and special qualities of North Yorkshire's landscape</p>		<p>X</p>		<p>This is not specifically referenced in the Strategy although the work of the National Landscapes is included.</p>		
<p>Other (please state below)</p>						

<p>Are there any recognised good practice environmental standards in relation to this proposal? If so, please detail how this proposal meets those standards.</p>
<p>The CCDP includes disclosures to both the UK Climate Emergency and the Carbon Disclosure Project.</p>

Summary Summarise the findings of your impact assessment, including impacts, the recommendation in relation to addressing impacts, including any legal advice, and next steps. This summary should be used as part of the report to the decision maker.

The CCDP brings together the activities from across the Council to respond to the Climate Emergency and meet our ambitions towards both operational and regional net zero. It is a dynamic document that will flex according to identified needs, new technology and new opportunities as they arise. Implementation of the programmes and projects will follow the Council decision making protocols. This report outlines progress in delivery.

Sign off section

This climate change impact assessment was completed by:

Name	Jos Holmes
Job title	Climate Change Strategy Manager
Service area	Environmental Services and Climate Change
Directorate	Environment
Signature	
Completion date	20.09.24

Authorised by relevant Assistant Director (signature): Michael Leah

Date:30.09.24