



## Notice of a public

### Decision Session - Executive Member for Environment and Climate Change

**To:** Councillor Widdowson (Executive Member)

**Date:** Wednesday, 11 May 2022

**Time:** 3.00 pm

**Venue:** The Snow Room - Ground Floor, West Offices (G035)

## AGENDA

### Notice to Members – Post Decision Calling In:

Members are reminded that, should they wish to call in any item\* on this agenda, notice must be given to Democratic Services by **4:00 pm on Friday 13 May 2022.**

\*With the exception of matters that have been the subject of a previous call in, require Full Council approval or are urgent, which are not subject to the call-in provisions. Any called in items will be considered by the Customer and Corporate Services Scrutiny Management Committee.

Written representations in respect of items on this agenda should be submitted to Democratic Services by **5.00 pm on Monday 9 May 2022.**

#### 1. **Declarations of Interest**

At this point in the meeting, the Executive Member is asked to declare:

- any personal interests not included on the Register of Interests
- any prejudicial interests or

- any disclosable pecuniary interests which she might have in respect of business on this agenda.

**2. Minutes** (Pages 1 - 2)

To approve and sign the minutes of the Decision Session held on 13 April 2022.

**3. Public Participation**

At this point in the meeting members of the public who have registered to speak can do so. Members of the public may speak on agenda items or on matters within the remit of the committee.

Please note that our registration deadlines have changed to 2 working days before the meeting, in order to facilitate the management of public participation at remote meetings. The deadline for registering at this meeting is **5:00pm on Monday 9 May 2022.**

To register to speak please visit [www.york.gov.uk/AttendCouncilMeetings](http://www.york.gov.uk/AttendCouncilMeetings) to fill out an online registration form. If you have any questions about the registration form or the meeting, please contact the relevant Democracy Officer, on the details at the foot of the agenda.

**Webcasting of Public Meetings**

Please note that, subject to available resources, this public meeting will be webcast including any registered public speakers who have given their permission. The public meeting can be viewed live and on demand at [www.york.gov.uk/webcasts](http://www.york.gov.uk/webcasts).

During coronavirus, we've made some changes to how we're running council meetings. See our coronavirus updates ([www.york.gov.uk/COVIDDemocracy](http://www.york.gov.uk/COVIDDemocracy)) for more information on meetings and decisions.

**4. Climate Change Action Plan** (Pages 3 - 22)

To update the Executive Member on the progress of the Climate Change Action Plan.

**5. Urgent Business**

Any other business which the Executive Member considers urgent under the Local Government Act 1972.

Democracy Officer: Joseph Kennally  
Telephone No- 01904 551573  
Email- joseph.kennally@york.gov.uk

For more information about any of the following please contact the Democratic Services Officer responsible for servicing this meeting:

- Registering to speak
- Business of the meeting
- Any special arrangements
- Copies of reports and
- For receiving reports in other formats

Contact details are set out above.

**This information can be provided in your own language.**

我們也用您們的語言提供這個信息 (Cantonese)

এই তথ্য আপনার নিজের ভাষায় দেয়া যেতে পারে। (Bengali)

Ta informacja może być dostarczona w twoim własnym języku. (Polish)

Bu bilgiyi kendi dilinizde almanız mümkündür. (Turkish)

یہ معلومات آپ کی اپنی زبان (بولی) میں بھی مہیا کی جاسکتی ہیں۔ (Urdu)

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City of York Council

Committee Minutes

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Meeting	Decision Session - Executive Member for Environment and Climate Change
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Date	13 April 2022
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Present	Councillors Widdowson
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Apologies	
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### **15. Declarations of Interest**

The Executive Member was asked to declare, at this point in the meeting, any personal interests not included on the Register of Interests or any prejudicial or discloseable pecuniary interests she might have in respect of the business on the agenda. None were declared.

### **16. Minutes**

Resolved: That the minutes of the Decision Session held on 9 March 2022 be approved and signed by the Executive Member as a correct record.

### **17. Public Participation**

It was reported that there had been no registrations to speak at the session under the Council's Public Participation Scheme.

### **18. York 5 Year Flood Plan Update**

The Executive Member considered a report which provided her with an update on the York Five Year Flood Plan and sought feedback on its content. The Flood Risk Manager and the Project Director, Environment Agency were in attendance to present the report and respond to questions.

Key points raised during the presentation of the report included:

- The Bishopthorpe scheme was completed in April 2022, which brought the total number of properties better protected from flooding over the target of 2,000.
- The Environment Agency had been working closely with local schools in the Clifton and Rawcliffe areas where construction was ongoing.

- 100 trees had been planted at various sites throughout York, and many more were planned to be planted in winter 2022. The commitment to plant 5 trees for every one removed was reiterated.
- Recent flooding in York had tested the newly installed defences which had performed well and there had been some minor delays to work in Clementhorpe and Clifton as a result of the floods.
- There were concerns around forecasting and City of York Council was working with the Environment Agency to improve the accuracy of forecasts in future.
- The works at Germany Beck were progressing well, although there were some issues around biodiversity and heritage.
- The Flood Risk Management Plan consultation had been completed and an update to the local flood risk management strategy was in progress.
- The DEFRA funded innovation programme was exploring natural flood risk management solutions in the Swale, Ure and Nidd catchment areas and how such solutions can be incentivised and supported.

The Executive Member thanked officers and the Environment Agency for their cooperation and improved communication with residents. She highlighted the work done on tree planting at Lord Deramore's School and called for all developers in York to pledge to plant 5 new trees for each one removed.

Resolved:

- i. That the updated report and evidence presented by the Environment Agency be noted with the Executive Member's feedback on all content.
- ii. That the proposed amendments and updates to the consultation stage Humber Flood Risk Management Plan be endorsed and officer approval of the final publication stage document in June 2022 be supported.

Reason: To support delivery of flood resilience interventions in York across the wider River Ouse catchment.

Cllr P Widdowson, Executive Member

[The meeting started at 3.01 pm and finished at 3.14 pm].



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11<sup>th</sup> May 2022

## **Decision Session – Executive Member for Environment and Climate Change**

Report of the Assistant Director of Policy and Strategy

### **Climate Change Action Update**

#### **1. Summary**

- 1.1 York Climate Change Strategy will be published in October 2022. The Strategy provides a framework for the city in tackling climate change. It sets out our approach against the council ambition for York to become carbon neutral by 2030, including: how we can reduce carbon emissions that are under the council's direct control, how we can use our influence to reduce emissions across the city and how we can create a city that is resilient to the impacts of climate change.
- 1.2 The Climate Change Action Update (Annex A) demonstrates our commitment to taking action to deliver significant emissions reductions. The Update shows the progress that has been made against our climate change ambitions and begins to indicate the short/mid-term priorities, which will support and inform further work on a subsequent Action Plan. The developing Action Plan will be reviewed, including engagement with scrutiny, and will be updated annually to incorporate new actions that are required to achieve the ambitions in the Strategy.
- 1.3 The Climate Change Action Update currently covers most activity that is within the direct influence of the council or activity in which the council is the lead partner. Delivering the ambition of the Climate Change Strategy will require contributions from the whole city, not just the council. It is envisaged that the subsequent Action Plan will incorporate city-wide actions, including activities already underway through city partners, businesses, communities and the Climate Commission.

- 1.4 The Action Update reflects activity across eight priority themes and incorporates around £345m of investment that has already been committed to council-led projects and programmes and is already having a positive impact on reducing emissions and the effects of climate change in York.
- 1.5 Quantifying the carbon reduction impact of actions can be challenging. Where information is available, an indication of annual carbon reduction is given. Further work will be undertaken to better understand the carbon impact of individual actions.
- 1.6 As the Climate Change Strategy and subsequent Action Plan are currently being developed and worked through, a draft will be shared with scrutiny prior to any decision being taken later in the year.

## **2. Recommendations**

- 2.1 The Executive Member is asked to:
  - i. Note the significant progress being made so far to take action on climate change and to note this Climate Action Update (Annex A), next steps, and contents of this report.

## **3. Background**

- 3.1 The Climate Change Action Update includes council projects that have been delivered since 2019 that are having a positive impact on carbon emissions and climate resilience in York. It also includes planned projects and actions that have been approved or are in the pipeline for the next 18 months to 3 years.
- 3.2 Delivery of the actions are managed through different programmes within the council, with the internal Climate Change Programme providing strategic oversight and direction, progress monitoring and driving partnership working to maximise opportunities and achieve delivery of the strategy.
- 3.3 Where it is known, the level of investment has been included in the table. Investment comes from a range of sources including council budget, external grant funding and private finance. All levels of investment in the Action Update have been committed or are from



known/expected sources. In total, the Action Update incorporates around £345m of climate change related activity.

- 3.4 The Action Update provides a timescale for delivery against each action and, where possible, quantifies the emissions reduction impact.
- 3.5 It is proposed that this comprehensive summary of actions undertaken so far will form the basis for developing the later Action Plan to accompany the Climate Change Strategy and to deliver on its goals. It is envisaged that the Action Plan will include benchmarks to assess progress and will be reviewed and updated annually. Over time, the Action Plan will incorporate citywide projects and programmes, with responsibility for delivery extending beyond the council.
- 3.6 Progress against the Action Update will be subject to scrutiny from the Climate change Policy Scrutiny Committee.

#### **4. Council Plan**

The Climate Action Update reflects the ambitions of the Council Plan:

##### Well-paid jobs and an inclusive economy

- 4.1 Actions include projects that increase green jobs and green skills across the city; providing new employment, training and increasing capacity in the supply chain
- 4.2 Actions support our ambitions of reducing fuel poverty and future-proofing our local economy to the impacts of climate change.

##### A greener and cleaner city

- 4.3 Actions support the ambition of the Climate Change Strategy for York to be a net zero carbon and climate resilient city by 2030.
- 4.4 Activity includes reducing waste, tree planting, carbon emissions reductions and reducing flood risk.

Good health and wellbeing

- 4.5 Projects are promoting physical activity through sustainable modes of transport, reducing exposure to cold or damp housing and providing more green space across the city.

Creating homes and world-class infrastructure

- 4.6 The Housing Delivery Programme will deliver high-quality housing to Passivhaus standards. The home retrofit programme is improving the quality of housing across the city and reducing resident energy bills.
- 4.7 Projects are minimising the carbon emissions from new infrastructure and large capital projects.

An open and effective council

- 4.8 The Climate Action Update demonstrates transparently the steps that we are taking to tackle the climate emergency.

## **5. Implications**

- 5.1 Full implications are considered below:

- Financial – The action plan itself can be reviewed and updated within current resources. The action plan identifies a large number of projects that have been agreed through their own financial approvals (these are referenced in the Climate Action Update). Updates are provided through usual project monitoring including Verto reports and quarterly revenue and capital monitoring reports.
- Human Resources (HR) – Staffing issues are considered through the action's own programme structures.

On approval of the Strategy and Action Plan, relevant aspects will be communicated to the workforce with a focus on how CYC as an employer can make a difference and how employees can change the ways they can work or contribute to the action plan.

For example, the climate change actions can also link to employee wellbeing by communicating and promoting greener commuting and business mileage options.

- Equalities – The actions listed in the action plan are delivered through different programmes. These programmes/projects will develop their own Equalities Impact Assessments to assess and minimise any potential negative impacts.
- Legal – The Climate Change Strategy will be approved by Council in October 2022.

The York Climate Change Strategy and subsequent Action Plan will enable the Council to comply with its obligations under government's Net Zero Strategy: Build Back Greener, published in October 2021

The projects listed in the Climate Action Update are delivered through different programmes in accordance with the Constitution and appropriate delegated approvals

- Crime and Disorder – No implications
- Information Technology – No implications
- Property – No implications
- Other – No implications

## **6. Risk Management**

6.1 The following risks have been identified:

- The Climate Action Update reflects the current level of activity and financial commitment. Delivering these actions will not achieve our net zero ambition. The developing Action Plan will need to be regularly reviewed to consider its delivery against the Strategy once, published. This will include evolving the Action Plan to include actions across the city and identify additional sources of investment.

- Individual projects and programmes in the action plan consider specific risks to delivery of the action assigned to them. They are managed through their own delivery governance.

## Contact Details

### Author:

**Shaun Gibbons**

Head of Carbon Reduction  
Policy, Intelligence, Carbon  
and Communications  
07923 222971

### Officer Responsible for the report:

Claire Foale  
Assistant Director Policy & Strategy

Report  Date 29/04/2022  
Approved

All

**Wards Affected:** [List wards or tick box to indicate all]

**For further information please contact the author of the report**

### Background Papers:

The Action Update (Annex A) includes links to relevant background papers for specific actions

### Annexes

Annex A – Climate Change Action Update



## City of York Council: Climate Change Action Update

City of York Council declared a climate emergency in March 2019. Since then, the council has been delivering a range of activity to reduce carbon emissions and make sure the city is resilient to the impacts of climate change.

The York Climate Change Strategy: A City Fit for the Future (October 2022) will set the framework, objectives, pathways, targets/benchmarks and overall approach for achieving our ambition for York to be net zero carbon and a climate resilient city by 2030.

This Climate Action Update demonstrates the progress already made, the actions that are being taken and will evolve to include more actions and more citywide involvement to deliver our ambition.

The actions identified cover the eight priority themes of the draft Climate Change Strategy and will form the basis for the developing Action Plan, which will sit alongside the Climate Change Strategy to deliver on its goals and targets.

Where the level of investment is known, this has been included. Sources of investment vary and include the council budget, external grant funding and private sector finance and background reports are included to provide more information.

In total, almost £345m of investment has been committed to deliver actions that are responding to the climate emergency, although more funding will be required.

Quantifying the impacts of actions can be challenging. Where we have been able to quantify impact, this is provided in the table of actions so far. In total, the actions listed are reducing annual carbon emissions by 24,099t/yr – although this figure is anticipated to be much higher.

## ANNEX A

The actions detailed here are led by the City of York Council; however, delivering the objectives in the draft Climate Change Strategy will require citywide action. The developing Action Plan will be expanded to include partner and citywide actions. We know many organisations and individuals are taking positive action to tackle climate change. These will be captured in future versions of the developing Action Plan.

We envisage that the developing Action Plan will be a live document that will change over time in response to the reporting and feedback mechanisms and progress against our ambitions and targets. This is not a definitive list of actions to deliver our ambition, but lists the work already underway to reduce emissions and build climate resilience across York.

The developing Action Plan will also be considered by scrutiny and part of the forthcoming consultation process on the strategy that it sits alongside. We envisage that by producing, reviewing, updating and publishing the subsequent Action Plan annually, we will demonstrate transparency and accountability in tackling the climate emergency.

For more information: [www.york.gov.uk/ClimateChange](http://www.york.gov.uk/ClimateChange)

## City of York Council Climate Change Action Update

### Theme 1: Governance

Action	Description	Investment (£m)	Progress	Completion	Impact (tCO <sub>2</sub> e/yr)
Climate Change Strategy	A City of York Climate Change Strategy that sets the vision and outline for a net-zero carbon and climate resilient city by 2030; providing a clear route map of the changes required	0.03	In progress	Oct-22	NA
Climate Change Action Plan	Live Climate Change Action Plan that includes required/actual level of investment and delivery dates	NA	In Progress	Oct-22	NA
Corporate Emissions Reporting	Annual report on the council's corporate emissions and recommended actions for decarbonisation. Published on the York Open Data Platform <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=870&amp;MID=12719">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=870&amp;MID=12719</a>	NA	Ongoing (last published September 2021)	Annual (September)	NA
Citywide Emissions Reporting	Annual citywide emissions inventory. Used for stakeholder engagement, partnership working and reporting to the Carbon Disclosure Project and Global Covenant of Mayors	NA	Ongoing	Annual (September)	NA
Finance & Investment	Identify new financing and investment mechanisms for delivering on our climate change ambition; including, lobbying central government, accessing grant funding, exploring green bonds, and attracting inward private investment.	NA	Ongoing	Ongoing	NA
Decision Making Framework	Exploring incorporating Carbon Emissions as part of the decision making framework and screening process for council projects and policies	NA	Feasibility	Dec-22	NA

## Theme 2: Buildings

Action	Description	Investment (£m)	Progress	Completion	Impact (tCO <sub>2</sub> e/yr)
Energy Audits & decarbonisation plans for council buildings	Complete energy audits for our highest emitting corporate buildings, providing a comprehensive plan of reducing carbon emissions associated with heat and power consumption. Plans will provide a technical options appraisal of suitable low carbon technologies, providing a comparison of quantified energy savings, carbon savings, annual cost savings, capital costs and maintenance costs <a href="https://modgov.york.gov.uk/ielIssueDetails.aspx?IId=65919&amp;PlanId=0&amp;Opt=3#AI61499">https://modgov.york.gov.uk/ielIssueDetails.aspx?IId=65919&amp;PlanId=0&amp;Opt=3#AI61499</a>	0.05	In progress	Sep-22	TBC
Energy Audits & decarbonisation plans for non-council buildings	Expanding decarbonisation plans to non-corporate assets and supporting city institutions to produce their own decarbonisation plans	0.1	Feasibility	June-23	TBC
Deliver emission reduction projects to council estate	Subject to funding from Public Sector Decarbonisation Scheme, deliver capital projects identified in the plans at our corporate sites to deliver energy, carbon and cost savings <a href="https://www.gov.uk/government/collections/public-sector-decarbonisation-scheme">https://www.gov.uk/government/collections/public-sector-decarbonisation-scheme</a>	TBC	Concept	May-23	TBC
Building Retrofit Strategy	Produce a strategy that sets out our approach to domestic retrofit across the city <a href="https://modgov.york.gov.uk/ielIssueDetails.aspx?IId=66244&amp;PlanId=0&amp;Opt=3#AI61666">https://modgov.york.gov.uk/ielIssueDetails.aspx?IId=66244&amp;PlanId=0&amp;Opt=3#AI61666</a>	NA	In progress	Nov-22	NA
Council Housing Energy Retrofit Programme	Improve the energy efficiency of council housing stock. Utilising Housing Revenue Account (HRA) budget to deliver energy saving measures within our council housing stock and Social Housing Decarbonisation Fund for focusing on the worst performing council archetypes.	2.63	In progress	Mar-26	TBC



	<a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=932&amp;MID=13137#AI59780">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=932&amp;MID=13137#AI59780</a>				
Owner occupier retrofit support	Accessing Local Authority Delivery Scheme funding to provide insulation for low income households through our Home Upgrade Grant (HUG) <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=932&amp;MID=13137#AI59779">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=932&amp;MID=13137#AI59779</a>	5	In progress	Mar-26	TBC
Improve energy efficiency in PRS	Support and enforcement of minimum energy efficiency standards for the private rented sector	0.06	In progress	Mar-26	TBC
Housing Delivery Programme	Deliver 600 new homes across the city on council-owned land to Passivhaus standards in accordance with the council Design Manual <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=733&amp;MID=12801#AI61970">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=733&amp;MID=12801#AI61970</a>	157	In progress	TBC	1,000
Reduce emissions of new buildings	Providing climate change advice and sign-off of planning conditions. Issuing guidance to developers on sustainability measures in a conservation context	NA	Ongoing	Ongoing	TBC
Sustainability & Climate Change SPD	Produce a Supplementary Planning Guide to raise overall sustainability standards of new developments across the city <a href="https://democracy.york.gov.uk/documents/s137313/Sustainable%20Development%20Local%20Plan%20and%20Climate%20Change.pdf">https://democracy.york.gov.uk/documents/s137313/Sustainable%20Development%20Local%20Plan%20and%20Climate%20Change.pdf</a>	0.05	In progress	Nov-22	NA
Heat Mapping & Network Zoning	Identification of opportunities for decarbonised heating solutions across the city, using the proposed heat network zoning policy as a potential tool for delivery	TBC	Concept	TBC	TBC
Guildhall Refurbishment	Low carbon measures including water source heat-pump and triple-glazing as part of wider renovation work <a href="https://www.york.gov.uk/news/article/904/guildhall-restoration-unlocks-carbon-savings">https://www.york.gov.uk/news/article/904/guildhall-restoration-unlocks-carbon-savings</a>	0.38	Completed	Mar-22	40

## Theme 3: Transport

Action	Description	Investment (£m)	Progress	Completion	Impact (tCO <sub>2</sub> e/yr)
Updating the Local Transport Plan	Update the Local Transport Plan, which will be required to deliver carbon savings from transport and will set targets for reductions through behaviour change, modal shift, investing in sustainable transport.	NA	Feasibility	Oct-22	NA
Active Travel Programme	Various infrastructure and access improvements to increase pedestrian and cycling provision across the city <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?Cid=738&amp;MID=12729#AI59844">https://modgov.york.gov.uk/ieListDocuments.aspx?Cid=738&amp;MID=12729#AI59844</a> <a href="https://modgov.york.gov.uk/documents/s155539/Capital%20Programme%20M2%20Report%20Annex%203.pdf">https://modgov.york.gov.uk/documents/s155539/Capital%20Programme%20M2%20Report%20Annex%203.pdf</a> <a href="https://democracy.york.gov.uk/documents/s156487/EMDS Report - Active Travel Programme Project Scopes.pdf">https://democracy.york.gov.uk/documents/s156487/EMDS Report - Active Travel Programme Project Scopes.pdf</a>	3.30	Feasibility	Dec-23	TBC
Decarbonise Public Transport	Various actions delivering improvements to the city's bus network through an enhanced partnership with providers and increased fleet electrification <a href="https://democracy.york.gov.uk/ieListDocuments.aspx?Cid=733&amp;MId=12511">https://democracy.york.gov.uk/ieListDocuments.aspx?Cid=733&amp;MId=12511</a> <a href="https://www.york.gov.uk/news/article/965/-8-4-million-secured-for-more-electric-buses-in-york">https://www.york.gov.uk/news/article/965/-8-4-million-secured-for-more-electric-buses-in-york</a>	36	Feasibility	TBC	2,300
Business Travel Plans	Support businesses to develop travel plans that promote active and zero carbon transport solutions	TBC	In progress	Ongoing	TBC
Decarbonise council fleet	Four year fleet electrification programme for all our vehicles under 3.5t and replacement of HGVs to Euro 6 standard engines <a href="https://modgov.york.gov.uk/documents/s139554/Fleet%20Report%20Post%20CMTPH%20pl%20amends%20v2.pdf">https://modgov.york.gov.uk/documents/s139554/Fleet%20Report%20Post%20CMTPH%20pl%20amends%20v2.pdf</a>	10.8	In progress	Dec-25	TBC
Trial e-mobility solutions	Working with the Department for Transport and Tier, trial the introduction of e-scooter and e-bikes in the city <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?Cid=738&amp;MID=12734#AI61258">https://modgov.york.gov.uk/ieListDocuments.aspx?Cid=738&amp;MID=12734#AI61258</a>	TBC	In progress	Nov-22	6

Increase access to electric vehicle charging infrastructure	Deliver the rollout of new charging points across York to provide 184 Fast charging spaces and 7 Rapid chargers. Create new EV hyperhubs at Park & Ride locations across the city (first sites are Monks Cross and Poppleton Bar) <a href="https://www.york.gov.uk/EVChargingStrategy">https://www.york.gov.uk/EVChargingStrategy</a>	2	In progress	Dec-22	166
Trial low-carbon last mile logistics	Feasibility study and subsequent pilot scheme to reduce emissions relating to deliveries travelling in to and out of York	0.3	In progress	Sep-23	TBC
York Car Club	Work with Enterprise to decarbonise and expand the city's car club <a href="https://www.itravelyork.info/car-sharing/why-use-a-car-club/">https://www.itravelyork.info/car-sharing/why-use-a-car-club/</a>	TBC	Ongoing	Ongoing	TBC
Improve monitoring and understanding of transport related emissions	Smart Travel Evolution Programme (STEP) monitoring and analysing real-time journey information to improve transport planning and traffic management in the city. STEP is improving the connectivity and data collection of York's transport technology assets in order to future-proof how the City deals with changing levels of demand <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=738&amp;MID=12726#AI59161">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=738&amp;MID=12726#AI59161</a>	2.85	In progress	Ongoing	TBC
York Outer Ring Road	Produce a Carbon Impact Assessment for York Outer Ring Road expansion. Identify mitigation measures during the construction phase and maximising the sustainable transport opportunities during design and delivery <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=733&amp;MID=12795#AI59842">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=733&amp;MID=12795#AI59842</a>	£1.2	Feasibility	Dec-25	TBC

## Theme 4: Waste

Action	Description	Investment (£m)	Progress	Completion	Impact (tCO <sub>2</sub> e/yr)
Decarbonise refuse vehicles	Acquisition of 2 fully electric refuse vehicles	0.88	Completed	Dec-20	TBC
Support growth in the circular economy	Develop a circular economy roadmap for the city, which maps material flows to identify opportunities for circularity and co-location. Bring stakeholders together and create the conditions for a circular economy to flourish	TBC	In progress	Jun-23	TBC
Various waste reduction, reuse and recycling initiatives	Reuse of household goods; Removal of organic waste from household waste collection; Trial collection of bikes from HWRCs in New Earswick for refurbishment and reuse; Recycle old bin stock.	TBC	In progress	TBC	TBC
Corporate waste audits	Understand the causes and quantities of waste generated by corporate activity. Develop and deliver actions to reduce waste and increase recycling	NA	Concept	Jan-23	TBC
Pilot recycled road surfaces	Trial a new lower carbon solution of 'crumb' recycled rubber tyres for resurfacing roads in Wheldrake.	TBC	Completed	Oct-21	TBC

## Theme 5: Commercial & Industrial

Action	Description	Investment (£m)	Progress	Completion	Impact (tCO <sub>2</sub> e/yr)
Support business decarbonisation	Promote ReBIZ: a resource efficient business support programme for SMEs, offering a free energy audits and potential grant funding <a href="https://www.the-lep.com/business-support/sustainability/resource-efficiency/">https://www.the-lep.com/business-support/sustainability/resource-efficiency/</a>	TBC	In progress	Jan-21	TBC
Skills & Training	Increase green jobs and green skills across the city and region; providing new employment, training and increasing capacity in the supply chain <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=735&amp;MID=12757#AI60003">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=735&amp;MID=12757#AI60003</a>	TBC	Feasibility	Ongoing	NA

## Theme 6: Natural Environment

Action	Description	Investment (£m)	Progress	Completion	Impact (tCO <sub>2</sub> e/yr)
York Community Woodland	New 78 hectare community woodland providing outdoor leisure opportunities, areas for physical activity, walking and cycling, new educational opportunities and biodiversity. Consisting of over 210,000 trees and sequestering 29,000 tonnes of carbon over its lifetime <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=870&amp;MID=12717#AI59721">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=870&amp;MID=12717#AI59721</a>	2.8	In progress	Dec-23	580
Tree Canopy Expansion	Set an ambition for increasing York's tree canopy cover from 10.76% to 13% by 2050, equating to around 22-27 ha per annum. This target would result in an annual carbon sequestration rate at 2050 of circa 9,000tCO <sub>2</sub> per year	NA	Completed	Mar-21	NA
Urban Tree Planting	Opportunity mapping to assess urban and rural areas of the city which could be converted to small-scale woodland or are available for tree planting <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=870&amp;MID=12542#AI58772">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=870&amp;MID=12542#AI58772</a>	0.03	In progress	Jun-22	TBC
Tree giveaway	Free tree giveaway to 500 households across the city	NA	Completed	Feb-22	TBC
Castle Mills	Riverside Park and new pedestrian riverside bridge, increasing biodiversity and active travel	4.00	Feasibility	TBC	TBC
Flood Alleviation	Upgrade and renewal of the cities flood defences to better protect more than 2000 homes and businesses	110.00	In Progress	Dec-23	NA
Flood Risk Resilience	Flood and Coastal Resilience Innovation Programme - incentivise the uptake of natural flood risk management measures across the River Swale, Ure and Nidd catchments	5.00	In Progress	Mar-27	TBC
Pollinator Strategy	Conserving the UK's pollinators by ensuring the council will consider the needs of pollinators in the delivery of its duties and work	NA	Completed	Mar-21	NA

	<a href="https://democracy.york.gov.uk/%28S%28er5fig3cbkjmjx55ekdxrgfc%29%29/ieDecisionDetails.aspx?Id=6114">https://democracy.york.gov.uk/%28S%28er5fig3cbkjmjx55ekdxrgfc%29%29/ieDecisionDetails.aspx?Id=6114</a>				
Biodiversity Net Gain	Carry out a mapping exercise to assess which areas of the city could be designated, protected and enhanced as green space for biodiversity net gain.	TBC	Concept	Nov-23	NA
Green & Blue Infrastructure Strategy	Assess the carbon sequestration potential of current council land and identify opportunities to increase sequestration, looking into different natural carbon capture options	TBC	Concept	Dec-23	NA
Insetting/ Offsetting Strategy	A further piece of work on local off-setting (in-setting) to determine its role in our overall strategy with respect to residual emissions and natural carbon sequestration	TBC	Concept	Mar-23	NA
Weed Control Pilot	Pilot heat treatment as an alternative weed control method to glyphosate	NA	Feasibility	Dec-23	NA

## Theme 7: Energy

Action	Description	Investment (£m)	Progress	Completion	Impact (tCO <sub>2</sub> e)
Local Area Energy Plan	A whole system approach, integrating heat, power and transport, with local stakeholder knowledge to deliver a comprehensive, data-driven and cost-effective plan for decarbonising York's energy system <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?Cid=870&amp;MID=12723#AI61497">https://modgov.york.gov.uk/ieListDocuments.aspx?Cid=870&amp;MID=12723#AI61497</a>	0.1	In progress	Oct-22	TBC
Solar for Schools (SfS)	Supporting SfS and York Community Energy to increase solar capacity on schools across York. Carbon Reduction Team will promote the scheme, support schools to provide energy data and act as council point of contact for queries	NA	Concept	Nov-21	TBC
Increase Solar Capacity	Installation of PV at locations across the city, including Union Terrace	0.03	In progress	Dec-22	7
Green Energy Park	Opportunity assessment for future Green Energy Park in York	TBC	Feasibility	Jan-23	20,000
Renewable Energy Supply	100% of electricity purchased by the council is from renewable generation	NA	Completed	Mar-20	3,800



## Theme 8: Engagement & Behaviour Change

Action	Description	Investment (£m)	Progress	Completion	Impact (tCO <sub>2</sub> e/yr)
Increase climate change communication	Provision of climate change information for residents and city partners through the council website, press releases, social media and monthly e-newsletter <a href="https://www.york.gov.uk/ClimateChange">https://www.york.gov.uk/ClimateChange</a>	TBC	Ongoing	Mar-21	NA
Create stakeholder networks	Manage existing stakeholder networks, developing new relationships with city partners and provide forums for the exchange of ideas	NA	Ongoing	Sep-21	NA
Engage on the Climate Change Strategy	Deliver the Climate Change Engagement plan, consisting of consultation, focus groups, round-tables, public attitude surveys, 'climate corner' and other events <a href="https://modgov.york.gov.uk/ieListDocuments.aspx?CId=969&amp;MID=13043#AI59576">https://modgov.york.gov.uk/ieListDocuments.aspx?CId=969&amp;MID=13043#AI59576</a>	TBC	Ongoing	Aug-22	NA
Sustainable Procurement	Update the council procurement policy to include consideration of carbon emissions	TBC	In progress	Nov-22	TBC
Carbon Reduction Training	Ensure all staff receive sufficient training to understand the carbon impact of their work and are confident to identify ways to reduce emissions	TBC	In progress	May-22	TBC

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