

REPORT TO: Council

MEETING DATE: 28 February 2023

BY: Executive Director of Place

SUBJECT: Climate Change Strategy Annual Update

1 PURPOSE

- 1.1 The purpose of this report is to provide the third annual update to Council on the progress of delivering the actions and commitments in East Lothian Council's Climate Change Strategy 2020–2025.

2 RECOMMENDATIONS

- 2.1 Council is recommended to note the progress made in decarbonising the Council's services and operations and contributing to a low carbon East Lothian.
- 2.2 Council is recommended to approve i) the updates of the Climate Change Strategy Action Plan, set out in Appendix 3, and ii) the new actions suggested in paragraphs 3.29 - 3.30, which are set out in Appendix 4.
- 2.3 Council is recommended to note the key projects & achievements and key risks set out in this report, delivered by members of the Climate Change Planning and Monitoring Group.
- 2.4 Definitions of key terms used in this report can be found in Appendix 1.

3 BACKGROUND

- 3.1 East Lothian Council's Climate Change Strategy 2020–2025 was approved by Cabinet in January 2020. Cabinet also approved the commitments to review and update the Strategy annually as further national legislative and policy changes occur, to review and update the Action Plan annually, and to seek approval from Cabinet for these revisions and updates on an annual basis. From 2023, the responsibility of this has moved from Cabinet to full Council.
- 3.2 In addition to the commitments set out in the Climate Change Strategy, the Climate Change (Scotland) Act 2009 puts statutory duties on the Council

to: contribute to the delivery of carbon emissions reduction targets, help deliver climate change adaptation, and act sustainably. East Lothian Council reports on these duties annually to the Scottish Government through a 'Public Bodies Climate Change Duties Report'. The most recent Report can be found in the East Lothian Council Member's Library Service¹.

Key National and International Climate Reports

- 3.3 The UK Climate Change Committee (UK CCC) published its report 'Is Scotland Climate Ready?' to the Scottish Parliament in March 2022. The key takeaways from the report are:
- Scotland is not ready to handle the consequences of climate change;
 - Progress in delivering climate change adaptation has stalled;
 - Monitoring and evaluation of climate related risks need to be improved, adaptation measures need to be embedded across all activities, and the level of adaptation responses needs to be raised.
- 3.4 Further, the UK CCC published their report 'Progress in Reducing Emissions in Scotland' in December 2022. The key takeaways from the report are:
- The significant emissions reduction in 2020, which enabled Scotland to achieve its 2020 interim target of 56% emissions reduction since 1990, was largely due to the travel restrictions during COVID-19. It is unlikely the target would have been met without the pandemic, and targets following in the 2020s will be much harder to achieve.
 - There is a significant risk Scotland will fail to achieve its target of 75% emissions reduction by 2030 unless very rapid action takes place.
 - UK CCC states that the advice of the net zero targets by 2045 and interim target of 90% emissions reduction by 2040 remains appropriate.
 - Progress on reducing emissions from transport, buildings, agriculture and land use, and waste are off track.
- 3.5 The Intergovernmental Panel on Climate Change (IPCC) published the third and last part of the IPCC sixth assessment report in April 2022². The report highlights that:
- Without immediate and deep emissions reductions across all sectors, limiting global warming to 1.5°C is beyond reach;

¹ 150/22 East Lothian Council – Public Sector Climate Change Reporting 2021/22
[https://www.eastlothian.gov.uk/meetings/meeting/17035/members_library_service]

² IPCC, 2022: Summary for Policymakers. In: Climate Change 2022: Mitigation of Climate Change. Contribution of Working Group III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [P.R. Shukla, J. Skea, R. Slade, A. Al Khourdajie, R. van Diemen, D. McCollum, M. Pathak, S. Some, P. Vyas, R. Fradera, M. Belkacemi, A. Hasija, G. Lisboa, S. Luz, J. Malley, (eds.)]. Cambridge University Press, Cambridge, UK and New York, NY, USA. doi: 10.1017/9781009157926.001.

- Our actions in the upcoming years are critical, global greenhouse gas emissions need to peak before 2025 and be reduced by a quarter by 2030;
 - Actions to mitigate and adapt to climate change are equally important and need to be accelerated.
- 3.6 The National Planning Framework 4 (NPF4) was approved by the Scottish Parliament on 11th January 2023. NPF4 will inform the preparation of East Lothian's next Development Plan, influence the assessment of all planning applications going forward and guide all decisions in relation to the built environment and natural protection. It sets a vision for Scotland where the climate and nature crises are given significant weight.

The Council's Carbon Footprint

- 3.7 Since the last report, new emissions categories have been added to improve the accuracy of the Council's carbon footprint. These include emissions from home-working and staff commuting. For the latter, a baseline was added retrospectively to year 2019/20 to capture the commuting behaviour before the pandemic. Data on staff commuting 2020/21 was omitted, since the behaviour during this period was not considered representative. As staff started coming back into the office 2021/22, commuting data has been collected and will continue being collected to ensure that the Council is pursuing a green recovery from COVID-19. Having a good picture of these emissions helps the Council to make policy decisions with the objective of reducing them.
- 3.8 East Lothian Council's emissions in 2021/22 were counted to 15,653 tCO₂e. This is a reduction of 15.2% compared to the 18,450 tCO₂e emissions reported in 2019/20. These two financial years have been compared since they both include data on emissions associated with staff commuting. 2020/21 (13,723 tCO₂e) has not been included in the comparison, as it does not include data on staff commuting. More information can be found in the Public Duties Climate Change Report in the East Lothian Member's Library Service³.
- 3.9 See Figure 1 for an overview of the Council's Carbon Footprint over time, demonstrating success in achieving carbon reduction. Red bars indicate when staff commuting emissions have been included in the annual footprint, with the direct comparison with other years included alongside in blue. In all future years, commuting patterns will be captured in the data presented, as this represents a more accurate picture of the Council's overall carbon footprint, as explained above.

³ 150/22 East Lothian Council – Public Sector Climate Change Reporting 2021/22
[\[https://www.eastlothian.gov.uk/meetings/meeting/17035/members_library_service\]](https://www.eastlothian.gov.uk/meetings/meeting/17035/members_library_service)

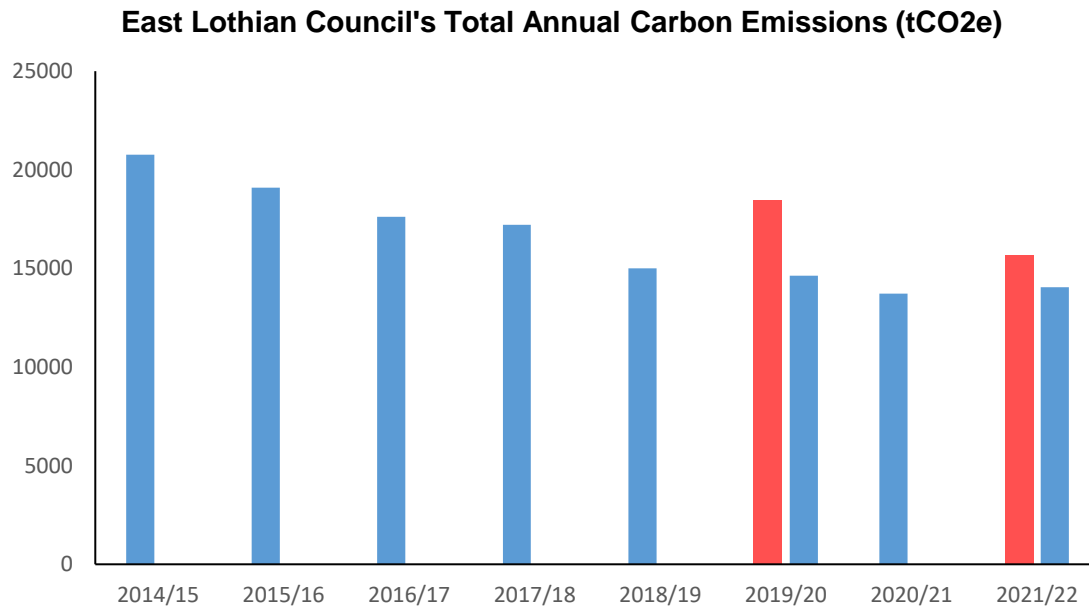


Figure 1: East Lothian Council's annual total greenhouse gas emissions, expressed in tonnes of carbon dioxide equivalent (tCO₂e). Y-axis = tCO₂e, x-axis = financial year, red bars = staff commuting emissions included in the Council's carbon footprint and reported to the Scottish Government, blue bars = staff commuting emissions excluded.

Embedding Climate Change Mitigation and Adaptation in the Council

3.10 The new East Lothian Council Plan (2022-2027) includes 'Respond to the Climate Emergency' as one of its three overarching objectives. The Council Plan sets out a strategic framework for how the Council will respond to challenges.

3.11 East Lothian Council's PDR Committee approved the draft of the 2022-2027 Top 50 Council Plan Indicators, in which three new indicators to tackle the climate emergency have been proposed. These indicators align with the Council's statutory Public Bodies Climate Change Duties (Mitigation, Adaptation and Act Sustainably) in the Climate Change (Scotland) Act 2009 and are:

- East Lothian Council's corporate annual carbon emissions (tCO₂e) reported through the Public Bodies Climate Change Duties Reporting – Mitigation, contributing to the delivery of the national net zero targets;
- East Lothian Council's score on Adaptation Scotland's Capability Framework Benchmarking Assessment – Adaptation, supporting delivery of Scotland's climate change adaptation programme;
- Number of staff successfully undertaking the Carbon Literacy Training programme and being certified as Carbon Literate – Act Sustainably.

Key Projects & Achievements 2021/22 Addressing Climate Change

- 3.12 The list below indicates a broad range of key projects carried out by East Lothian Council that highlight some of the achievements in relation to its Climate Change Strategy and Action Plan. These cover a wide range of Council functions from governance to schools, communities, energy efficiency and heating, infrastructure, biodiversity, and procurement.
- 3.13 The Council has formed a Cross-Party Sustainability Forum to accelerate actions toward our net zero and climate change adaptation targets.
- 3.14 Certified training in Carbon Literacy is now available to all Council staff. This forms an important step to ensure a joint effort across all Council Services to tackle the climate emergency. Staff can sign up via LearnPro.
- 3.15 3,505 pupils in East Lothian Schools have engaged with Bikeability's programmes 'Cycling Skills' and 'On Road Cycling Training'.
- 3.16 97% of East Lothian's Primary Schools have engaged with the programmes delivered by the Outdoor Learning Services in 2021/22. These programmes help pupils to connect with nature and increase their confidence in active travel.
- 3.17 The FareShare Hub, which was established by the Connected Communities Service during lockdown and is now coordinated by East Lothian Friendly Food Network, is well established across the county. It supports communities and pantries to ensure food security and reduce food waste.
- 3.18 A new Property Asset Review Team has been created following the completion of the Strategic Asset & Capital Plan Management Review. Making more efficient use of Council assets and estates is a key step to reducing greenhouse gas emissions and tackling the climate emergency.
- 3.19 The Energy Efficiency Standard for Social Housing (EESH) in East Lothian improved from 86% in 2020 to 90% in 2021. East Lothian Council is currently above the average of all Scottish local authorities in EESH.
- 3.20 The Musselburgh Flood Protection Scheme has progressed through Stages 1, 2 and 3, and is now making progress into Stage 4 (Outline Design). The timeline for Stage 4 was approved at Council in October 2022.
- 3.21 37 hectares of grassland have been restored through the Council's new grass management arrangements. It supports wildflower meadows, benefits pollinators, nature networks, and people and nature in East Lothian communities.

- 3.22 The Procurement Service used the Scottish Government's flexible framework assessment tool to assess its current level of performance, and undertook actions to embed good procurement practices that will realise intended sustainable outcomes. East Lothian Council has assessed its current level of performance as between Level 1 and Level 2 (Local Authorities can progress through 5 Levels, with Level 1 being the starting point). Key successful outcomes include i) added value obligations are included in key contracts to support ELC Climate Change Strategy (2020-2025), ii) the procurement team has developed skills, having completed the Climate Literacy Training.

Key Risks Delivering the Climate Change Strategy Actions

- 3.23 The list below indicates a broad range of risks associated with the climate emergency and that could affect the successful delivery of the actions set out in the Council's Climate Change Strategy. These risks have been submitted by the Council's different Service Areas in preparation of this paper. East Lothian Council is operating under financial constraints and is facing the challenge of balancing solutions in environmental sustainability with cost consideration across all areas of operation. There is a recurring theme of a huge challenge, requiring costly interventions to meet the target, but limited funding available for structural change. This difficulty is Scotland-wide and not specific to East Lothian.
- 3.24 By December 2023, East Lothian Council is required to produce a Local Heat Energy Efficiency Strategy and Delivery Plan (LHEES). The Scottish Government is providing funding for the initiative, which will enable the recruitment of an LHEES Officer. The job description has now been evaluated, as it is an entirely new post and will be advertised shortly. The timescale for completing this study has been set by the Scottish Government and is ambitious. In common with many other authorities, the Council does not have in-house skills to deliver LHEES and there is a risk that the December 2023 deadline will be missed, given the challenge of recruiting for the post and then completing a complex piece of work in just a few months.
- 3.25 The Scottish Government is setting ambitious targets to decarbonise all publicly-owned buildings to meet net zero emission heating requirements by 2038. The scale of funding to achieve this target for Council operational and non-operational estate property is currently not present at either local or national level. Other key challenges to success include the lack of time to deliver the number of projects required annually to comply with the target; unclear technical direction; lack infrastructure to support mass change to renewable systems; construction market capacity; cost of decanting people and equipment whilst retrofit is undertaken; and bringing new facilities on stream to support population growth. Council Officers are taking action by actively participating in discussions nationally, with the Scottish Government and key sector working groups, to ensure that the

scale of the challenge is fully recognised and to discuss the solutions that are being used across Scotland to try and meet this challenge.

- 3.26 Two risks have been identified to tackle the ecological emergency: there is limited funding for the technical work to inform nature restoration projects and limited staff resources to ensure biodiversity priorities are implemented across East Lothian. Officers are mitigating the risk by building strong partnerships with NGOs and local community groups to identify funding resources. Work is also being carried out to embed biodiversity into different business areas to mitigate the risk of delivery. NPF4's emphasis on the ecological emergency will prioritise biodiversity net gain in new development, which is a positive step.
- 3.27 As outlined in East Lothian Council's Sustainable Fleet Management Strategy, the Council has committed to phase out all fossil-driven vehicles from its fleet by 2025 and ensure zero tail pipe emissions by 2035 to comply with the Scottish Government's targets. The financial investment required to replace vehicles and ensure the right infrastructure is in place poses a very real challenge and must not be underestimated. Significant funding in addition to what is being provided by the Scottish Government is needed to keep services operational.
- 3.28 Cost pressures mean that the Council needs to balance short term economic benefits with long term sustainability in procurement decision-making. The latest report from the Scottish Parliament on the role of local government to deliver net zero highlights the risk of imbalance between these two⁴. The Council's new Procurement Strategy (2023-2028)⁵ was approved in January 2023 and two of its five Key Strategic Objectives align to the Climate Change Strategy (2020-2025):
- Contributing to the council's Net Zero and climate change targets
 - Increasing Sustainability and Community Benefits

Suggested actions to be added to the Climate Change Strategy & Action Plan

- 3.29 In consideration of the UK CCC report 'Is Scotland climate ready?' and particularly the recommendation on improving monitoring and evaluation of climate risks as well as embedding adaptation measures across all activities, Council is recommended to approve the new action:
- 1.1h Annual assessment of East Lothian Council's response to climate change adaptation (see Appendix 4).

⁴ The Role of Local Government and its Cross-Sectoral Partners in Financing and Delivering a Net-Zero Scotland (2023). The Scottish Parliament, 23rd January. Link: [The role of local government and its cross-sectoral partners in financing and delivering a net-zero Scotland | Scottish Parliament](#)

⁵ East Lothian Council's Procurement Strategy 2023-2028:

[https://www.eastlothian.gov.uk/downloads/download/13061/procurement_strategy]

- 3.30 In consideration of the UK CCC report 'Progress in reducing emissions in Scotland' and particularly the conclusion that Scotland is off track with reducing its transport emissions, Council is recommended to approve the new action:

- 1.6j Work with staff to reduce their commuting emissions (see Appendix 4).

Action 1.6j is in line with the Scottish Government's commitment to reducing car mileage by 20% by 2030, as set out in the updated Scottish Climate Change Plan and the National Planning Framework 4.

4 CONCLUSION

- 4.1 The Council is making good progress in respect of its Climate Change Strategy and Action Plan. However, significant increases in the Council's estate through new schools and community centres are coming forward. In the context of a growing population in East Lothian and meeting these demands, the Council is facing the challenge of balancing cost implications with solutions in environmental sustainability and meeting the seven outcomes of the Climate Change Strategy (Appendix 2). It is possible that despite the measures being taken, East Lothian's overall carbon footprint may increase as the new facilities, especially schools, come on stream. This must be seen in the context of the achievements that have contributed to reduced carbon output in a number of other areas across the Council's operations.
- 4.2 The pandemic and energy crisis have posed two significant challenges for the Council. The process of handling these has, however, also contributed to the progress of key steps in the Council's Climate Change Strategy. For example, the Council is carrying out an assessment of its assets to make better use of these, which will lead to big carbon savings, and measures are being taken to adapt temperature in Council buildings, which is leading to reduced energy consumption.

5 POLICY IMPLICATIONS

- 5.1 There are a number of policy implications arising from this report that will be considered and incorporated in future local and regional policy development work in due course.

6 INTEGRATED IMPACT ASSESSMENT

- 6.1 The subject of this report has been through the Integrated Impact Assessment process and where negative impacts have been identified, mitigating actions have been put in place.

7 RESOURCE IMPLICATIONS

- 7.1 Financial – The priority areas and measures that have allowed the Council to address climate change mitigation and adaptation to date are embedded within service budgets currently. However, meeting the net zero target will become more and more challenging. It is clear from the risks identified in this report that service areas across the Council face challenges in being able to undertake all the actions that will be necessary to meet the climate change target. It should be noted that climate change is a rapidly moving area of legislative and policy context and the Council will continue to work closely with the Scottish Government to shape and influence, as well as respond to, national ambitions to ensure that the necessary measures, powers, and resources are in place to deliver a just transition to net zero.
- 7.2 Personnel – None
- 7.3 Other – None

8 BACKGROUND PAPERS

- 8.1 East Lothian Council's Climate Change Strategy 2020–2025
https://www.eastlothian.gov.uk/downloads/download/13283/climate_change_strategy_2020-25
- 8.2 Members' Library Service report 150/22 East Lothian Council – Public Sector Climate Change Reporting 2021/22
https://www.eastlothian.gov.uk/meetings/meeting/17035/members_library_service
- 8.3 Appendix 1: Glossary
- 8.4 Appendix 2: The Seven Outcomes of the Climate Change Strategy
- 8.5 Appendix 3: Climate Change Strategy Action Plan annual update.
- 8.6 Appendix 4: Suggested actions to be added to the Climate Change Strategy Action Plan, for approval.

AUTHOR'S NAME	Hanna Lundstrom
DESIGNATION	Sustainability & Climate Change Officer
CONTACT INFO	Email hlundstrom@eastlothian.gov.uk
DATE	13/02/2023

Appendix 1: Glossary

Scope 1 Emissions: direct emissions from sources owned or operated by the Council, such as gas and fleet.

Scope 2 Emissions: indirect emissions from the consumption of purchased electricity, steam or power generated outwith the Council, such as grid electricity generation.

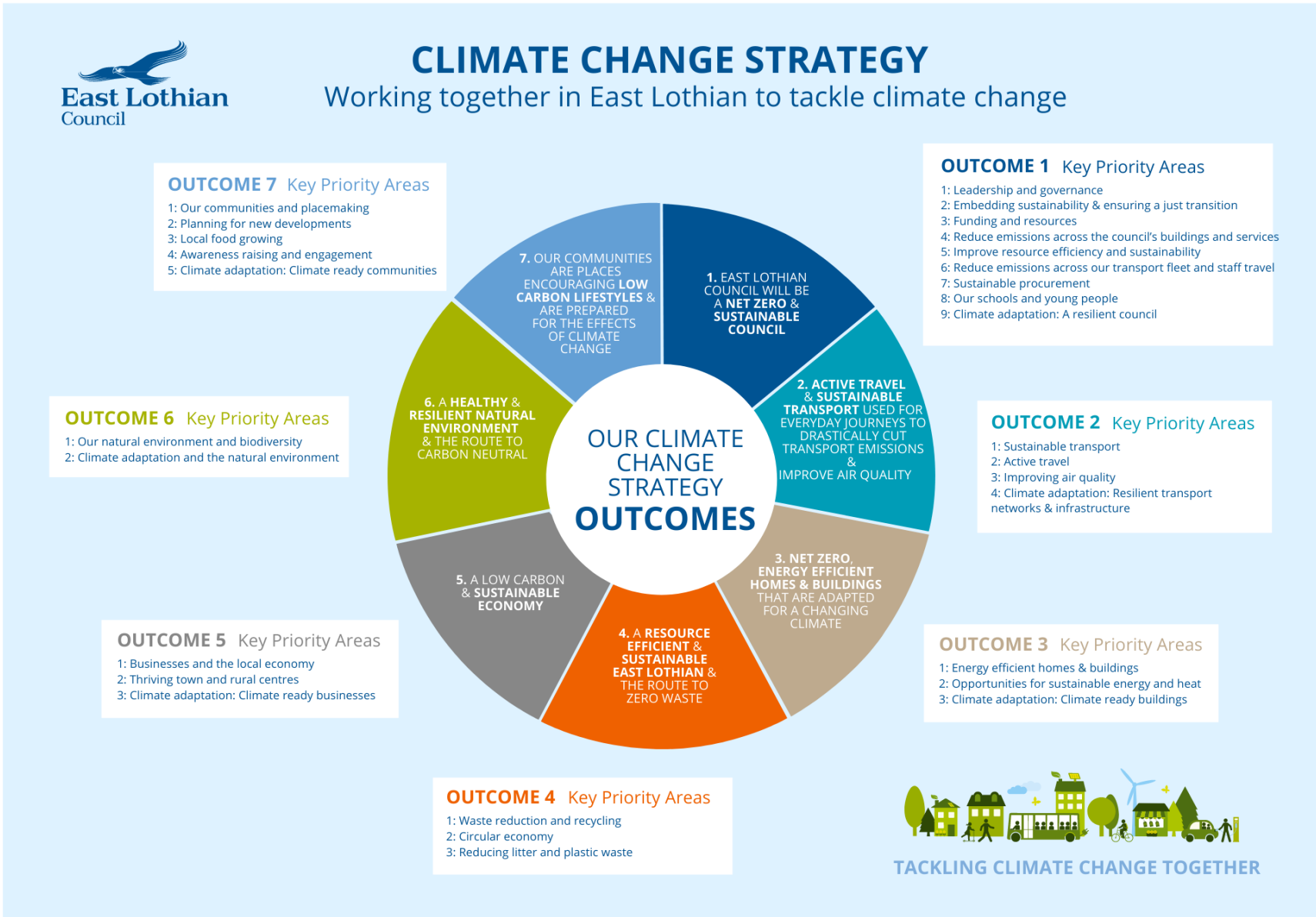
Scope 3 Emissions: indirect emissions that are a consequence of the operations or services of the Council, such as waste management and business mileage. Scope 3 Emissions also include procurement and staff commuting emissions. These emissions tend to be more difficult to measure. One way to identify procurement Scope 3 emissions is to investigate the Scope 1 and Scope 2 emissions from the suppliers we procure from.

Net Zero: The state where the emissions we put into the atmosphere and the amount we are able to take out through e.g. planting trees, restoring peatlands and carbon capture storage, equals zero.

Climate Change Mitigation: Actions to avoid/limit greenhouse gases emitted into the atmosphere and/or removal of these from the atmosphere. According to the Climate Change (Scotland) Act 2009, local authorities must contribute to climate change mitigation.

Climate Change Adaptation: Our climate is changing and Met Office projects more extreme weather, warmer/dryer summer and wetter winters. Adaptation refers to adjustments in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities. According to the Climate Change (Scotland) Act 2009, local authorities must contribute to Scotland's Climate Change Adaptation Programme.

Appendix 2: The Seven Outcomes of the Climate Change Strategy



Appendix 3: Climate Change Strategy Action Plan annual update

Key to 'Tracker':

Green = action progressing / on track;

Amber = progress with action still underway but slowed or delayed;

Red = 2022 action not progressing / problem with delivery of action;

No Colour = target date not 2022

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Outcome 1: East Lothian Council will be a Net Zero and Sustainable Council										
Key Priority Area 1: Leadership and Governance										
1.1a	Work with all Council Service Areas and key partners including the Scottish Government to improve the integrity of our emissions data and reporting mechanisms, and reduce carbon emissions annually, to reach Net Zero by 2045 at the latest	Climate Change Strategy; ELC Climate Change Reporting	Chief Executive; CCPMG; partners including Scottish Government	Annual Climate Change Reporting to the Scottish Government: East Lothian Council's total annual corporate emissions	44,034 tCO ₂ e in 2007/08	Continue to reduce carbon emissions annually to reach Net Zero as soon as possible	Annually	Ongoing. The Council's Climate Change Planning & Monitoring Group continues to drive this forward across council service areas. We are getting a clearer picture of the Council's carbon footprint by adding measures such as staff commuting emissions and getting more detailed carbon data of business mileage. In 2021/22, the ELC's corporate emissions were 15,653 tCO ₂ e.		
1.1b	Embed our aims to tackle the Climate Emergency and to achieve emission reductions within our Council Plan and Local Outcome Improvement Plan (East Lothian Plan)	Council Plan; East Lothian Plan	Policy Team; SECCO	Council Plan and Local Outcome Improvement Plan (East Lothian Plan)	Outcomes under East Lothian Plan 2017–2027	Key targets within the Council Plan	2022	The 2022-2027 includes 'Responding to the Climate Emergency Meeting out net zero climate change targets' as one of the Plan's seven objectives. The East Lothian Partnership is beginning work on a new Strategic needs Assessment which will inform the development or a revised East Lothian Plan in early 2023.		
1.1c	Annual reporting on East Lothian's overall Per Capita Carbon Emissions, within the scope of local authorities	Climate Change Strategy	SECCO; CCPMG	Data published annually by the UK Government Department of Energy and Climate Change (tCO ₂ e) for all UK local authority areas	Baseline data 5.2 tCO ₂ e (2016/17)	Decreasing annual per capita carbon emissions	Annually	5.6 tCO ₂ e in 2019-20 (value change from previous year -4.4%, value change from 2010/11 -35.5%)		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.1d	Staff awareness and engagement: Reinstate the promotional campaign 'CRAW' ('Conserve Resources at Work'), or similar, to raise awareness amongst staff – including promotional measures and publicity (articles and updates in staff newsletter 'Inform')	Climate Change Strategy	CCPMG			Increased awareness	2020 / ongoing	Monthly articles and green tips have been published in the staff newsletter Inform's 'green corner'. Presentation on the climate emergency is included in the staff induction. The first pilot of Carbon Literacy has been delivered to 9 staff members. New E-Learning in climate emergency is currently undergoing a review and is expected to launch March 2023.		
1.1e	Ensure that training in carbon efficiency behaviours is provided to all new Council employees via the staff Induction process, to instil the low carbon culture of East Lothian Council	Staff Induction process	Corporate Policy & Improvement; SECCO	Introduction of Induction training in carbon efficiency behaviours for all new staff		Induction training in carbon efficiency behaviours is in place	2022	An E-Learning module in climate emergency has been created and currently undergoing a review process before being made available to all staff March 2023. It will start as mandatory for new staff but we are exploring ways to make it mandatory for all staff		
1.1f	Inclusion of a new mandatory E-Learning module on reducing your carbon footprint, for all Council employees; explore options to make this available to community / third sector organisations, via the wider E-Learning platform		Corporate Policy & Improvement; SECCO	Production of E-Learning module on reducing your carbon footprint		E-Learning module on reducing your carbon footprint in place	2022	An E-Learning module in climate emergency has been created and currently undergoing a review process before being made available to all staff March 2023. It will start as mandatory for new staff but we are exploring ways to make it mandatory for all staff.		
1.1g	Work with our partner organisations to encourage them to take urgent action to reduce their own carbon footprint; add this requirement to the terms and conditions associated with grants awarded by the Council, Area Partnerships, procurement contracts etc.	Climate Change Strategy	CCPMG				2020 / ongoing	Ongoing. Climate Change Officer attends East Lothian Partnership's Key Officers Group meetings and Governance Group meetings on occasion. ELC's Sustainable Procurement Policy approved (Nov 2020) which sets out the principles of sustainability (including carbon emissions reduction) that will be expected of businesses/companies tendering for Council contracts. Planning Service commissioned a 'ClimateEvolution' Strategy, with the assessment criteria including how the consultancy would consider climate change issues (reducing / offsetting greenhouse gas emissions; climate adaptation). Countryside Service requested that Event organisers submit their proposals for carbon footprint reduction / improving sustainability of the event when considering event applications.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 2: Embedding Sustainability and ensuring a Just Transition										
1.2a	Produce an updated Integrated Impact Assessment procedure that is in line with current policies on equalities, human rights, sustainability and climate change; including by introducing 'Sustainability Tests; to embed equalities, sustainability and climate change mitigation into all Council policies and decision-making	Integrated Impact Assessment process	Corporate Policy & Improvement; SECCO	Production of an updated Integrated Impact Assessment procedure; revised IIA process to be used for all Council policies and decision-making	The current Integrated Impact Assessment	Production and adoption of an updated Integrated Impact Assessment procedure and implementation into all Council policies and decision-making	Completed	This action was completed in 2020. The revised Integrated Impact Assessment (IIA) was published and is on ELC's Intranet for Service Managers to use. The IIA incorporates the specific requirement to include consideration of Climate Change and the Environment when making decisions about proposed policies and projects.		
Key Priority Area 3: Funding and Resources										
1.3a	Work with our partners including the Scottish Government to focus specific funding, measures and resources to address the Climate Emergency at local level	Climate Change Strategy	CCPMG; Scottish Government (SG); partner organisations	Specific funding, measures and resources to address the Climate Emergency at local level	N/A	Dedicated funding, measures and resources to address the Climate Emergency at local level	Annually	Officers continue to liaise with the Scottish Government and other external partners to continue to focus specific funding, measures and resources to address the Climate Emergency locally. Valuable forums for these are SSN, LHEES Forum, and Adaptation Scotland's Benchmarking Group etc., which the Council's Sustainability & Climate Change Officer is attending regularly. The Sustainable Transport Officers Group continues to work with partner organisations including Sustrans and SEStran to improve and expand active travel and sustainable transport networks. Planning Service aims to further focus the Local Development Plan on addressing climate change with the working assumption that new development should be able to conform to the Scottish Government targets for achieving net zero by 2045 and the interim target of 75% emissions reduction by 2030.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 4: Reduce Emissions across the Council's Buildings and Services										
1.4a	Review / manage each of the following aspects of ELC estate and operations to reduce emissions towards achieving Net Zero: energy efficiency, water, heat	Climate Change Strategy; ELC Climate Change Reporting	CCPMG – all relevant Service Areas; Scottish Government	Emissions reduction towards Net Zero for energy efficiency, water, heat	Grid Electricity (generation): 5846.4 tCO2e; Grid Electricity (transmission & distribution losses): 498.4 tCO2e; Natural Gas: 5453.2 tCO2e; LPG: 121.3 tCO2e; Gas Oil: 340.6 tCO2e; Burning Oil (Kerosene): 35.8 tCO2e; Water – Supply: 44.1 tCO2e; Water – Treatment: 90.7 tCO2e	Reduce carbon emissions annually to reach Net Zero as soon as possible	Annually	A Service Review of the Strategic Asset & Capital Plan Management service was completed, creating a new 'Property Asset Review' team. Appointment to the Team Manager - Property Asset Review was successful. Recruitment to the Surveyor - Property Asset Review and Project Assistant - Property Asset Review posts has progressed and Preferred Candidates identified. This team will take forward the refresh of the 'Council Asset Strategy & Management Plan', taking into cognisance national and local priorities with regard to Climate Change. 22/23 EES; ABS project has commenced installing 9 Solar PV & batteries on properties in Prestonpans, Dunbar and Morham. We are looking to install CWI on mixed tenure blocks of flats which have been missed on previous projects in various locations. Property Maintenance service continues to meet with Strategy and Development colleagues on a monthly basis to discuss existing and new funding streams and opportunities. Installation of Solar PV and batteries on ELC properties is about to be trialled at Spott. We have installed 17 Solar PV and battery installations as a pilot scheme and are looking to install around another 50 in off gas rural areas.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.4b	Continue the programme of energy efficiency improvements and incorporation of low carbon technologies in Council owned buildings – aiming for carbon neutral buildings	Corporate Asset Management Plan; Climate Change Strategy	Property Maintenance; Engineering & Building Standards; CCPMG	Energy efficiency measures installed		Energy efficiency measures installed in all Council buildings	2020 / ongoing	On 1st November 2022, the Strategic Asset & Capital Plan Service Manager's slides from a presentation by the Capital Programme Team Manager at City of Edinburgh Council on their 'EnerPHit Informed Retrofit', early steps to Net Zero across CEC operational property estate, for your review/information. ELC'S Assets Project Manager and the Service Manager of Strategic Asset & Capital Plan both attended this seminar. The investment figures compared to running costs are of particular interest, and general principles will be applicable to the ELC property estate. On 9th December 2022, ELC's Service Manager of Strategic Asset & Capital Plan attended a SHOPS meeting which The Scottish Government and Scottish Futures Trust presented at on public sector decarbonisation of heat. They raised the scale of funding required by local authorities at this meeting and circulated information to colleagues in East Lothian Council, and prepared a high level summary of the East Lothian Council property estate (excluding housing), noting the scale of funding which would likely be required to transition to Net Zero, scaling that up to the national picture, which generates a huge sum! (Population was used as a rough estimate to compare local authorities – the detail will be based on actual property data). The average figures per building are not based on any detail but may even be conservative for fabric-first 'informed retrofit' or full 'EnerPHit' upgrades. This will be developed by the Property Asset Review team.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.4c	Continue our Asset Management and Transformation Programme of office review of operational assets and rationalisation, and the shift towards flexible, mobile working, and collaboration internally and externally, to reduce energy costs and reduce our carbon footprint. Maximise opportunities presented by digital transformation to accelerate the shift towards more flexible, mobile working.	Council Asset Strategy & Management Plan; New Ways of Working Policy; Workforce Plan	Strategic Asset & Capital Plan Management; Transformation Team	proportion of staff undertaking flexible / mobile working		Increased asset office rationalisation as per Corporate Asset Management targets; Property Asset Strategy; increased proportion of staff undertaking flexible / mobile working; and increased sharing of assets internally and with external organisations	2020 / ongoing	Homeworking and Hybrid Working policies have been adopted to support staff working from home or more flexibly. The Asset Rationalisation project aims to reduce the council's office building requirement and reduce the council's carbon footprint. Construction work at Penston House, Macmerry, to enable 'New Ways Of Working' is progressing and is due to be completed in February 2023. This will enable teams to move from John Muir House, Haddington, thereafter. Design work for 'New Ways Of Working' at John Muir House is progressing, working towards the target of moving staff out of RH in October 2023, optimising the Council office estate. Work is also progressing on re-purposing or marketing vacant operational properties, rationalising the Council estate. The Estates team have commenced review of the non-operational estate and will progress this when recruitment to Estates Surveyor posts has been completed, enabling capacity.		
Key Priority Area 5: Improve Resource Efficiency and Sustainability										
1.5a	Facilities Management Services will aim to eliminate problematic or unnecessary single-use plastics by the end of 2020 as part of the UK Plastics Pact	UK Plastics Pact; Facilities Management targets	Facilities Management Service	Elimination of specific single-use plastics		Specific single-use plastics eliminated by end of 2020	2022	FMS continue to reduce plastics where this is practically possible. Pupils are encouraged to bring their own refillable water bottle. There is a small number of water bottles available for a Friday packed lunch day should a pupil require a drink. FMS have introduced chemical dosing system in all primary schools to reduce chemical containers. During the school day Monday to Thursday reusable beakers are used for milk and water at lunchtimes.		
1.5b	Reduce ELC's waste and review recycling options within Council buildings and provide new systems where required	Conserve Resources at Work ('CRAW')	Waste Services; Facilities Management Service				2020 / ongoing	All council buildings have access to recycling for paper/card/glass/plastic/cans. CMT approval to benchmark the internal trade waste provision provided by Waste Services with an external supplier to model the cost and the provision of the internal trade waste services provided to stakeholders.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.5c	Reduction in ELC's paper use (printing) - 'going paperless'	Working Differently benefits	CCPMG	Reduction in printer paper order quantities		73% reduction in paper	2022	Between 2020/21 and 2021/22, printing increased by 38.6%. Thus target has failed to be achieved and the reduction seen in 2020/21 (28% decrease) has been reversed. CCPMG will carry this forward to ensure a green recover from COVID-19 and adopt new sustainable ways of working.		Not achieved / currently observing opposite trend.
Key Priority Area 6: Reduce Emissions across our Transport Fleet and Staff Travel										
1.6a	Review / manage each of the following aspects of ELC estate and operations to reduce emissions towards achieving Net Zero: our Transport Fleet and Business Mileage	Climate Change Strategy; ELC Climate Change Reporting	CCPMG – all relevant Service Areas; Scottish Government	Emissions reduction towards Net Zero for Transport Fleet and Business Mileage	Business Mileage: Average Car - Unknown Fuel: 345.9 tCO2e; Bus: 35.8 tCO2e; Car - diesel: 24.2 tCO2e; HGV - average all types & sizes: 541.4 tCO2e; Van - Average (up to 3.5 tonnes) Diesel: 737.8 tCO2e	Reduce carbon emissions annually to reach Net Zero as soon as possible	Annually	Business Mileage: Average Car (diesel, petrol and hybrid fleet + claimed business mileage from HR added together) = 170.5 tCO2e Bus = 53.1 tCO2e HGV - average all types & sizes: 677 tCO2e Van - Average (up to 3.5 tonnes) Diesel: 524.2 tCO2e To accelerate decarbonisation of transport fleet and business mileage, the Council presented its Sustainable Fleet Management Strategy in Q4 2022. It includes a pathway to achieve zero tailpipe emissions, with all fleet vehicles being converted to produce zero tail pipe emissions by 2035.		
1.6b	Implement an Ultra-Low Emissions Vehicles (ULEV) strategy for our Council vehicle fleet	ULEV Strategy	Transport Services	ULEV Strategy implemented		ULEV Strategy implemented	2022	A Sustainable Fleet Management Strategy has been produced for East Lothian Council. It includes a planned phase out of all petrol/diesel car and van replacement under 3 tonne GVW to (ULEVs) by 2025. It also sets an ambition to continue investing in ULEVs, review alternatives for vehicles above 3tonne and infrastructure required that's already proven in the market place, evaluate hydrogen as alternative for large diesel goods vehicles and plant. East Lothian Council's planned capital investment Transport Scotland are providing ongoing support for ELC with ULEV vehicle replacement.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.6c	Continue the development of ultra low emissions vehicles (ULEV) options across the Council, including utilisation of full electric vehicle (EV) and hybrid technology for pool cars and operational vehicles	ULEV Strategy; Fleet Management; LTS	Transport Services; Roads Services	Numbers of ULEV vehicles in Council Fleet		Replace the Council's fleet with ULEV wherever feasible	2020 / ongoing	Currently only 13% of the overall fleet is ULEV. The aim is for the Council's vehicles to be ULEVs by 2030.		
1.6d	Implement a 'Green Travel Plan' for all Council staff, setting out the expectation, resources and infrastructure to implement modal shift in staff travel behaviour from driving single-occupancy private cars to sustainable travel options, including use of electric vehicle (EV) pool cars, car sharing, active travel, use of public transport	Local Transport Strategy (LTS)	Roads Services	Introduce a travel plan for all ELC staff (subject to constituencies of the service)		Introduce a travel plan for all ELC staff	2023	Staff are moving to a hybrid working model with most staff based on a 40:60 split (40% office based). A policy has been introduced for staff to be designated as "home workers." Transformation team continue assessment of required office capacity with some teams moving location.		
1.6e	Continue the programme of installation of electric charging points for electric vehicles at all Council offices, depots and public buildings	LTS	Roads Services	Number of EV charge points installed at Council buildings	The first EV charge point was installed in 2012	Increased number of EV charge points installed at all Council buildings wherever possible	Annual	<ul style="list-style-type: none"> the 2 x 50kW Journey chargers outside JMH Reception The 2 x 22kW Destination chargers in the car park at Fisherrow Car Park are on Common Good ground managed by ELC. The 2 x Journey and 1 x Destination charger at Westgate, Dunbar are on the Public Road but are closer to a council toilet building. The 2 x Journey and 1 x Destination charger at Shorthope Street, Musselburgh are on Public Road opposite a council toilet building 		
1.6f	Roll out EV training for staff	Fleet Management; LTS	Transport Services	Number of staff trained and using the Council's EV pool fleet		Increased number of staff trained and using the Council's EV pool fleet	Annual	Battery electric fleet car mileage: 66,264		
1.6g	Develop electric bikes / i-bike options to reduce staff dependency on the car for shorter work journeys	LTS	Roads Services	Numbers of electric bikes / i-bikes for Council staff use		Electric bikes / i-bike options for staff use at all main Council offices	2022	The SEStran pilot project (Go eBike) is being expanded through external grant funding, which will see a total of 6 active stations in the Musselburgh area by March 2023, alongside one in Prestonpans. These are being located near transport interchanges and employment sites, such Eskmills Business Hub and Tesco. We are exploring further opportunities to expand public access to ebikes from 2023-24.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.6h	Work to achieve Cycling Scotland's <i>Cycle Friendly Employer</i> status	LTS	Roads Services	Working towards <i>Cycle Friendly Employer</i> status		Achieve <i>Cycle Friendly Employer</i> status	2022	Remains on hold but hope to progress once the Transformation Team concludes its work		
Key Priority Area 7: Sustainable Procurement										
1.7a	Produce and implement a revised and updated Sustainable Procurement Policy, to ensure that goods and services are procured ethically and responsibly, from ethical and sustainable sources, including through the supply chain and sub-contractors	Procurement policy	Procurement Team	Production of an updated Sustainable Procurement Policy	Previous Sustainable Procurement Policy has not been fully implemented	Production, adoption and implementation of an updated Sustainable Procurement Policy		Currently finishing Level 1 of the Scottish Government Flexible framework. We have conducted 3 sustainability test for the following categories: (Transport, Waste, and Social Care & IT). The sustainable test for construction category still needs to be done. The assessment has been done in conjunction with the relevant key stakeholder of each categories. The outcome of this sustainable will allow to consider sustainable aspect when building the tender documents.		
1.7b	Produce and implement a new community benefits in procurement procedure, set out in an updated Community Benefits Strategy	Community Benefits Strategy	Procurement Team	Production of an updated Community Benefits Strategy		Production, adoption and implementation of an updated Community Benefits Strategy	2021	Community Benefits website is in development. This would allow us to promote community benefits requirements on the website along with the wish list. Jill in communications is helping producing a short video to explain what community benefits are in procurement. Similarly, the procurement team is implementing a new contract management software aiming at improving contract management and as result, managing community benefits more efficiently.		
Key Priority Area 8: Our Schools and Young People										
1.8a	Set up an East Lothian Young People's Climate Change forum to ensure our young people's voices are heard and to support and empower young people to take action in their communities		Education; Community Learning & Development; SECCO	East Lothian Young People's Climate Change forum		East Lothian Young People's Climate Change forum in place	2020 / ongoing	Implementation of climate change questions in the SEE survey going out to all schools is being progressed. The COP26 group, which consists of a dozen young people spread out in East Lothian and is supervised by the Council's Youth Coordinator, has continued meeting during 2022.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.8b	Embed the objectives of this Climate Change Strategy with the 'Learning for Sustainability' (LfS) agenda as part of Curriculum for Excellence (CfE). LfS is delivered through outdoor learning, global citizenship and sustainable development	LfS Vision 2030 as part of Curriculum for Excellence	Education; Outdoor Learning; national education partners	Climate Change Strategy objectives embedded into 'Learning for Sustainability' element of school curriculum	Engagement with Outdoor Learning within school day: Primary 47% Secondary 100% (not including P7 camp)	Climate Change Strategy objectives embedded into 'Learning for Sustainability' element of school curriculum	2023	<ul style="list-style-type: none"> Number of schools engaged with ELC OLS programmes (Academic year 2021/22): <ul style="list-style-type: none"> a. Primary - 33 of 34 schools (97%) b. Secondary - 1 of 6 schools (16%) Number of Pupils engaged with ELC OLS programmes (Academic year 2021/22): <ul style="list-style-type: none"> a. OL Teacher in Residence - 760 pupils b. AWEsome - 1320 pupils (approx. 99% P7's with some additional P6 & P5 pupils) c. Under the Stars - 35 pupils d. Skills for Adventure Sports - 552 pupils e. Bikeability - See 1.8f f. Targeted Outdoor Programmes e.g. Biking North & Adventure On - 24 pupils g. After School & Holiday Adventure Activity Programmes (in Partnership with Active Schools & Venturing Out) - Numbers to follow h. Staying Safe Around Water - 74 pupils i. Additional Cycling programmes i. Learn to Ride - 45 pupils Total number of school programmes involving adventurous activities (Academic year 2021/22) - 241 programmes <ul style="list-style-type: none"> a. Primary - 151 programmes b. Secondary - 91 programmes Number of Outdoor Learning staff training courses (Academic year 2021/22) - 8, low numbers due to COVID restrictions 		
1.8c	Support and expand the 'Eco-Schools' programme in East Lothian schools – potentially with greater input from other agencies and organisations / a county wide programme to support schools and teachers with delivery of projects	Curriculum for Excellence	Education; ELC Countryside Ranger Service; external partners including Keep Scotland Beautiful	Levels of participation in the 'Eco-Schools' programme in East Lothian schools; eco-projects delivered in schools	In East Lothian currently 8 ELC schools have Green Flags (according to Keep Scotland Beautiful website)	Increased levels of participation in the 'Eco-Schools' programme in East Lothian schools; more Green Flag Awards; more eco-projects delivered in schools	Annual	Five schools were awarded the Green Flag Award 2021/22, one school undertook Eco-Schools Pupil training, twelve schools registered for live Eco-Schools lessons and two schools undertook the CPD training.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.8d	Improve sustainability and recycling in schools including reduction / elimination of single-use plastic packaging, a greater selection of recyclable materials across school catering services, improved recycling & food composting facilities in schools		Facilities Management; Education; Waste Services	Quantities of single-use plastic packaging purchased; quantities of recyclable materials across school catering services; recycling & food composting facilities in schools		No single-use plastic packaging in school canteens; increased quantities of recyclable materials across school catering services; recycling & food composting facilities in all schools	Annual	Actions complete. Great news FMS have recently been awarded Food for Life Silver Award (Soil Association) this is a nationally recognised award promoting the environment, local producers, using sustainable produce where possible. 5% of our overall spend is organic purchased - examples locally sourced organic flour from Drem in East Lothian, Potatoes from the borders , meat free days in school , purchasing seasonal fruit & vegetables for the school lunch menu. Food waste is collected by Keenan Zero Waste Scotland. Our aim is to reduce carbon footprint where possible. All schools have access to recycling for paper/card/glass/plastic/cans. CMT approval to benchmark the internal trade waste provision provided by Waste Services with an external supplier to model the cost and the provision of the internal trade waste services provided to stakeholders.		
1.8e	Continue to source local food and achieve the Soil Association's <i>Food for Life Served Here</i> award; and promote/ensure more plant-based food options in schools, including 'meat free' days and vegan options		Facilities Management; Education	Achieving the <i>Food for Life Served Here</i> award; food options available in school canteens	Food for Life Served Here Bronze award has been achieved by ELC for past 6 years	Achieve <i>Food for Life Served Here</i> Silver award; more plant-based food options are available in schools, including promoted 'meat free' days and vegan options	Annual	East Lothian Council achieved the Food for Life Served Here Silver Award in 2022.		
1.8f	Support schools to develop Bikeability Scotland training, to teach skills needed to cycle safely on roads, and 'Play on Pedals' (which aims to give all children the chance to learn to ride a pedal bike before they start Primary 1)	LTS	Education; Outdoor Learning; Roads Services; Connected Communities; partners	Number of East Lothian pupils undertaking Bikeability Scotland Level 1, 2 & 3 training, and 'Play on Pedals'	Number of pupils undertaking Bikeability training 2014/15: Level 1: 316; Level 2: 130; Level 3: 5.	Increased uptake of Bikeability Scotland. [In 2018/19: Level 1: 757 pupils; Level 2: 513 pupils; Level 3: 6]. Increased uptake of 'Play on Pedals'	Annual	<ul style="list-style-type: none"> Bikeability delivery during academic year 2021/22 in 31 schools <ol style="list-style-type: none"> Level 1 cycling skills: 1863 pupils Level 2 on road cycling training: 1642 pupils Play on Pedals <ol style="list-style-type: none"> Training to re-start 2023 		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
1.8g	Active Travel to School campaign and promotion, including parking management around schools, and supporting modal shift from school buses to active travel wherever feasible	LTS; Area Partnership Plans	Roads Services; Transport Services; Sustrans; Area Partnerships; Education	Number of pupils travelling to school by active travel modes (Sustrans Hands Up Scotland Survey data)	72.8% of pupils travelling actively to school in 2018 (Sustrans Hands Up Scotland Survey data)	Increased number of pupils travelling to school by active travel modes (Sustrans Hands Up Scotland Survey data)	Annual	Permanent 20mph speed limits approved by ELC Cabinet March 2022. Transport Scotland initiative to expand 20mph speed limits and make the default national speed limit in built up areas 20mph rather than 30mph. School travel planning prioritised with 5 new school travel plans developed and funding for behaviour change interventions focused on school travel and parking.		
1.8h	Investigate and develop opportunities for business development training / apprenticeships for secondary pupils in the 'circular economy'		Economic Development; East Lothian Works; Education; external partners	Develop a programme of business development training / apprenticeships for secondary pupils in the 'circular economy'		Programme of business development training / apprenticeships in the 'circular economy' is developed and rolled out to secondary schools	2023	Developing renewables pathways with offshore wind providers		
1.8i	Support and expand pupils' engagement with and value of the local greenspace through Outdoor Learning as part of 'Learning for Sustainability' (LfS) within the Curriculum for Excellence including Award schemes (Duke of Edinburgh; John Muir Award; SQA secondary phase awards)	Curriculum for Excellence	Education; Outdoor Learning	Levels of participation in LfS agenda	LfS Vision 2030 from Education Scotland measured through the EVOLVE offsite education reporting system; DoFE engagement data; JMA engagement data; SQA awards	All schools delivering on vision on LfS 2030. Measured through the EVOLVE offsite education reporting system. DoFE engagement data. JMA engagement data. SQA awards.	Annual	<ul style="list-style-type: none"> Number of schools using local green space (out of school grounds) to extend their learning environment <ul style="list-style-type: none"> a. Primary - 33 of 34 (97%) b. Secondary - 6 of 6 (100%) Number of schools using local green space (out of school grounds) to extend their learning environment without the direct support of ELC OLS <ul style="list-style-type: none"> a. Primary - 15 of 34 schools (44%) b. Secondary - 2 of 6 schools (33%) John Muir Award (JMA) - 13 primary Schools (38%) Duke of Edinburgh Award Expeditions - 27 Expeditions 		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 9: Climate Adaptation: A Resilient Council										
1.9a	Implement the Corporate Risk Register and Risk management Plans to Review the resilience of Council buildings and infrastructure networks to sustain and enhance the benefits and services provided	Corporate Risk Register; Risk Management Plans; Corporate Asset Management Plan	Protective Services; Risk Management; all relevant Services			Included within Risk Register	Annual	<p>The Climate Emergency risk in the Corporate Risk Register is being regularly updated by the Sustainability & Climate Change Officer, Head of Development and Planning Service Manager. Planned measures of risk mitigation include investigating funding streams and strategies to mainstream climate action across Council Services, engagement with local partners to set carbon emissions reduction targets.</p> <p>Climate change adaptation, such as preparing for the impacts of climate change with increased frequency of severe wetter and warmer/dryer summers and wetter winters and floods covered by other Risks outlined in the Corporate Risk Register and Service Level Risk Registers.</p> <p>ELC is part of Adaptation Scotland's Capability Framework Benchmarking Working Group, which helps benchmarking, assessing progress and embedding climate change adaptation across Council processes.</p>		
Outcome 2: Active Travel and Sustainable Transport are used for everyday journeys, to drastically cut emissions from transport and improve air quality										
Key Priority Area 1: Sustainable Transport										
2.1a	Work with partners and key stakeholders, including national transport agencies and local public transport providers (bus and rail transport), to implement the Local Transport Strategy, enhancing and better integrating public transport provision and connectivity	Local Transport Strategy (LTS); Local Development Plan (LDP); Developer Contributions Framework	Roads Services; Transport Services; Planning Service; partners & stakeholders	As per Local Transport Strategy (LTS)	As per Local Transport Strategy (LTS)	As per LTS	ongoing	8 new high-profile Journey Hub bus shelters installed in town centres, which will be complemented by a new branding and wayfinding scheme next year. Bike racks will be added to the Journey Hubs.		
2.1b	Progress feasibility studies for, and progress implementation of, Sustainable Transport Hubs in East Lothian	LTS	Roads Services; partners including Transport Scotland and Energy Saving Trust	Feasibility studies for Sustainable Transport Hubs progressing		Feasibility studies for Sustainable Transport Hubs progressing; implementation of Hubs progressing	2022	Wallyford Journey Hub concept design complete and have implemented bus priority measures on The Loan at Wallyford Journey Hub, and chargers for new electric bus service will be installed in the spring. A new Active travel route will connect the hub to Wallyford Learning Campus and into Musselburgh in 2023.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
2.1c	Work in partnership with our communities to identify local travel and transport solutions and to ensure a fair and just transition to a carbon neutral East Lothian; explore options for shared community transport options, particularly for our rural communities	LTS; Area Plans	Roads Services; Connected Communities; partners & stakeholders including Area Partnerships, Community Councils, Tenants & Residents Associations	Community involvement in decision-making over local transport and travel solutions	Travel and transport actions in current Area Plans	Community approved travel & transport actions embedded in Area Plans and implementation programmes underway	ongoing	Active travel/'On the Move' groups, as sub-groups of the local Area Partnerships raising awareness of alternatives to car use, promoting cycling, e-bikes etc. Connected Communities Managers work with Roads colleagues to promote sustainable travel solutions locally, including supporting consultations. Community Intervention Funding capital grant was approved for Handicabs to develop their minibus service for people who are isolated with mobility issues. One Council Partnership Fund revenue grant of £10,000 for Handicabs also awarded to support this expansion.		
2.1d	Continue the promotion of sustainable transport options in East Lothian, including via Area Partnerships, East Lothian On The Move, Traveline, smart technology and mobile / digital technology	LTS; Area Partnership Plans	Roads Services; Transport Services; Connected Communities; Area Partnerships and other external partners	Awareness levels from Residents' Survey; number of behaviour-change interventions produced		Increased levels of awareness from Residents' Survey; increased number of behaviour-change interventions produced	2020 / ongoing	East Lothian Council continues to work with partners including SESTRan to deliver connected sustainable transport options through the GoSESTRan app		
2.1e	Explore options for shared community transport options, particularly for our rural communities		Transport Services; partners; Connected Communities			Proposals for shared community transport options established.	2024	Community transport solution to be explored for rural communities. Funding to carry out feasibility study needs to be sourced (with VCEL). Suggest timescale revised to 2024.		
2.1f	Electric East Lothian: Continue the roll-out of new Electric Vehicle (EV) charge points around the county; improve management and maintenance of existing charge points	Electric Vehicle charge point (EVCP) strategy; LTS; LDP	Roads Services; Transport Scotland; Planning Service; partners	Number of EV charge points installed and in good working order	The first EVCP was installed in East Lothian in 2012	A Journey (Rapid) charger in each of our 12 largest towns; An increasing number of on- and off-street destination chargers for residential use	2023	We now have at least one Journey charging hub in each of our largest towns. In addition, we have an increasing number of on- and off-street destination chargers for residential use. We have gone from 3 chargers in 2017 to over 140 with funding secured for a further 75, to be delivered in 2023.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
2.1g	Electric East Lothian: support the switch to Electric Vehicles (EVs) in East Lothian	Electric Vehicle charge point strategy	Roads Services; key partners and stakeholders	The number of electric vehicles registered, as a proportion of the total number of licensed vehicles in East Lothian	0.07% EVs in 2015	15% switch to EVs by 2023	2023	1.84% EVs at end of 2022 1.02% EVs at end of 2021 0.561% EVs at end of 2019		
2.1h	Develop guidance for the specification and installation of EV charge points in new developments charging points (including for new flatted / communal parking in developments)	EV charge point Strategy; LTS; LDP / Supplementary Planning Guidance	Roads Services; Planning Service; partners	EV Strategy and guidance		Implementation of EV Strategy and guidance	Completed	ELC Transport Planning and ELC Planning having good success applying our "Design Standards for New Housing Areas SPG 2020" guidance, ELC 'Climate Change Condition' and hosted Minister for Transport's announcement of Scottish Government's intention to legislate to ensure developers provide electric vehicle (EV) charge points in the construction of new residential and non-residential buildings as part of revised Scottish Building Regulations.		
2.1i	Work with businesses and other employment hubs to implement Green Travel Plans for staff, and work up a promotional campaign with rewards e.g. Sustrans' Scottish Workplace Journey Challenge		Roads Services; SECCO; partners; businesses	Number of Green Travel Plans for Staff produced for businesses / employers; number of staff travelling by active & sustainable modes		Increasing number of Green Travel Plans for Staff produced for businesses/employers; increasing number of staff travelling by active & sustainable modes	2022	Funding acquired for a Workplace Travel Forum, which will be launched in early 2023 providing travel planning advice to organisations alongside an annual event. Go eBike expansion to Eskmills Business Hub, which will also host an Enterprise electric car club vehicle from 2023, creating a workplace journey hub, also accessible by the wider community.		
Key Priority Area 2: Active Travel										
2.2a	Progress implementation of the Segregated Active Travel Corridor	LTS; LDP	Planning Service; Roads Services; developers; Sustrans; SEStran	Implementation of Segregated Active Travel Corridor progressing		Segregated Active Travel Corridor being implemented and being used	2020 / ongoing	Funding secured for technical design. Intention to bid for Sustrans funding for construction in 2023/24		
2.2b	Implement the actions in the Active Travel Improvement Plan (ATIP) (Local Transport Strategy)	LTS (ATIP); LDP; Developer Contributions Framework	Roads Services; Planning Service; Outdoor Access; Area Partnerships; Sustrans; SEStran; other partners	As per Active Travel Improvement Plan (LTS)	As per ATIP (LTS)	As per ATIP (LTS)	2020 / ongoing	No update.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
2.2c	Working with partners, including the East Lothian Cycle Forum and Area Partnerships, support and encourage community initiated projects, including with funding and infrastructure	LTS / ATIP; Area Plans	Roads Services; Outdoor Access; Connected Communities; funding partners; Area Partnerships; community partners; East Lothian Cycle Forum	Community initiated projects are incorporated into Area Plans and implemented		Community initiated projects are incorporated into Area Plans and implemented	2020 / ongoing	Countryside have specified significant works ready to go out to tender at Haddington/Longniddry Railway Walk and Levenhall Links. Smaller projects underway in Dunbar, Tynninghame and Whitekirk which will create better walking links into the wider countryside and reduce car journeys. All Area Partnerships asked if they wanted to contribute part of their Roads Allocation budget to match external grant funding. Fa'side AP allocated budget and Dunbar & East Linton AP and North Berwick AP are considering doing so also. Community supported digital walking and wayfinding routes piloted as part of the Go Jauntly app across all 6 AP's. Community input also received related to expansion of Go eBike in Musselburgh and Prestonpans. East Lothian Cycle Forum met on three occasions in 2022 with focus on route development, cycling engagement, events, and other cycle interventions, including audits of lining and signage around refuge islands.		
2.2d	Continue the promotion of active travel options in East Lothian, including via Area Partnerships, East Lothian Cycle Forum, East Lothian On The Move, Traveline, smart technology and mobile / digital technology	LTS; Area Partnerships Plans	Roads Services; Transport Services; Area Partnerships; East Lothian Cycle Forum; external partners	Awareness levels from Residents' Survey; number of behaviour-change interventions produced		Increased levels of awareness from Residents' Survey; increased number of behaviour-change interventions produced	2020 / ongoing	Numerous active travel plans have been designed or constructed including Wallyford Loan (bus gate), new safer active travel routes to new Wallyford school campus and the Segregated active Travel Corridor, new branding and wayfinding in and around Journey Hubs about to be introduced.		
2.2e	Improve management and maintenance of walking routes and the Core Path Network, and continue to improve path surfaces to ensure access for all abilities, constructed for climate resilience (e.g. porous surfaces); ensure that our places encourage walking, with well-maintained streets, paths and public spaces that are fully accessible and fit for purpose; pedestrian priority; information on walking routes; walking / pedestrian infrastructure	Core Paths Plan; LTS / ATIP	Outdoor Access; Countryside Service; Roads Services; Connected Communities; Area Partnerships; funding partners; East Lothian Local Access Forum	Core Paths Audits data		Improved management and maintenance of Core Paths Network as per Core Paths Audits	2020 / ongoing	Core Path Network continues to be well maintained post Covid with small scale enhancements by Countryside Team including apprentice Rangers and very active Path Warden volunteers		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
2.2f	Work with partners to improve cycling route connectivity and safety, particularly to connect rural communities to larger settlements and/or public transport hubs and connectivity to local amenities	LTS / ATIP; Area Plans	Roads Services; Connected Communities; funding partners; East Lothian Cycle Forum	Progressing implementation of connecting cycle routes		Connecting cycle routes are being implemented and being used	2020 / ongoing	Ongoing.		
2.2g	Roll out electric bike and public bicycle hire hubs with associated infrastructure in partnership with communities / Area Partnerships	LTS	Roads Services; Connected Communities; APs; partners	Bike hubs established; e-bike usage		Electric bike hubs and bicycle hire hubs established; e-bike usage is increasing	2022	Roads Services are continuing the roll out of ebikes at Journey Hubs and are about to launch 3 e cargo bikes for first and last mile deliveries in town centres.		
2.2h	Support adult cycle training throughout the county		Outdoor Learning; Roads Services	Number of adult cycle training sessions and number of participants	None at present	Increased numbers of training sessions and participants	2023	East Lothian Council's Sustainable Transport Officer is working with Cycling Scotland to promote cycle training.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 3: Improving Air Quality										
2.3a	Continue to comply with Air Quality Objectives (AQO) and improve air quality in Musselburgh's Air Quality Management Area (AQMA)	Local Air Quality Management Progress Reports	Protective Services (Environmental Health – Air Quality); Planning Service; partners	Local Air Quality Management – Annual Progress Reporting: Air Quality Objectives	AQOs were exceeded in 2013; this is when an AQMA was declared	Comply with all Air Quality Objectives (AQO); no exceedances of any objectives	2020 / ongoing	Monitoring for the 12-month period from 01/01/21 to 31/12/21 indicates that there were no exceedances of any AQO's in East Lothian during 2021. Concentrations of Nitrogen dioxide within the AQMA are significantly below the Annual Mean Air Quality Objective of 40ug/m3, with a maximum annual mean level of 30ug/m3 recorded at T31 - 69 High Street, Musselburgh. As there have been no exceedances of the Nitrogen dioxide Annual Mean AQO since 2016, East Lothian Council have carried out a Detailed Assessment of Air Quality in Musselburgh and the results confirm that there were no exceedance's of any AQO within the AQMA since 2016. The Detailed Assessment also concludes that future exceedances are unlikely. As such, it is the intention of East Lothian Council to seek the approval of the Scottish Government and SEPA for the revocation of the AQMA in Musselburgh. East Lothian Council have also updated their particular monitoring in Musselburgh and replaced the existing BAM PM10 for a new BAM PM Coarse System consisting of ET BAM1020 Beta-attenuation PM10 particulate analyser and ET BAM1020 Beta-attenuation PM2.5 particulate analyser. The new analysers were installed at the end of February 2022 and meet equivalence criteria of the reference method for Particulates. East Lothian Council shall continue to implement measures outlined within the AQAP and also develop and publish policies that supplement CAFS2 throughout 2022 and beyond and will report progress, including monitoring of PM2.5, in the Annual Progress Report due in June 2023.		
2.3b	Investigate collaborative working with City of Edinburgh Council to identify solutions to tackle traffic congestion and air quality in Musselburgh		Roads Services	Progression of collaborative solutions for Musselburgh with City of Edinburgh Council		Progression of collaborative solutions for Musselburgh with City of Edinburgh Council	ongoing	Roads Services are continuing its work with City of Edinburgh Council through the Bus Forum.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
2.3c	Reduce exposure to poor air quality through urban placemaking, including appropriate green network solutions such as hedges / use of landscaping to buffer emitting development		Planning Service; Protective Services; Connected Communities; partners	Placemaking and urban planning of green solutions	The Council has already planted hundreds of urban trees	Increase green solutions as barriers / buffers to air pollution	ongoing	We continue to take opportunities to expand urban green network and landscaping opportunities including appropriate planting. Extensive tree planting has taken place this year in our communities through the Queen's Green Canopy and Climate Forest tree planting initiatives, including urban trees and 'street trees'.		
2.3d	Explore innovative technological solutions to improve urban Air Quality, including the latest version of the CityTree installation for Musselburgh	Local Air Quality Management Progress Reports	Protective Services (Environmental Health – Air Quality); partners	Explore ideas for innovative technical solutions to improve urban Air Quality	Phase 1 CityTree pilot project ran in 2018/19 in Musselburgh's AQMA	Development of innovative technical solutions to improve urban Air Quality	2025	No further action		
2.3e	Expand Air Quality awareness-raising campaign to end idling of vehicles; including promoting health and wellbeing implications of cleaner air	Air Quality Management	Protective Services; East Central Scotland Vehicle Emissions Partnership; partners; communities	Air Quality awareness-raising campaign produced		Air Quality awareness-raising campaign produced and rolled out; monitoring underway	ongoing	The partnership will coordinate three main advertising activity periods over the financial year, each of two weeks duration (August, December and March 2023). These will use creatives designed by Bauer and adapted for use on TV, radio, social media and Bus Backs. The deployment of switch off signs will continue at idling hot spots as well as the distribution of promotional items to direct people to the website "switchoffandbreathe.org".		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 4: Climate Adaptation: Resilient Transport Networks and Infrastructure										
2.4a	Implement the Road Asset Management Plan, Corporate Risk Register and Risk Management Plans, to ensure the road, rail and active travel network infrastructure, including coastal protection for coastal transport infrastructure, is future-proofed to withstand extreme weather events / tidal surges and future changes to the climate; ensure paths are constructed for climate resilience (e.g. porous surfaces); continue to monitor and review	LTS; Road Asset Management Plan, Corporate Risk Register, Risk Management Plans	Road Services; Structures & Flooding Team; national & local partners				ongoing	<p>3 flood studies, 1 surface water management plan (SWMP), 1 natural flood management study and 1 integrated catchment studies (ICS) were identified within the 2016-22 Forth Estuary Local Flood Risk Management Plans - of those identified 1 NFM study and 1 ICS are fully complete.</p> <p>In December 2022, the 2022-28 LFRMP's will be published. These plans identify 3 flood studies and 4 SWMP's where delivery will be led by ELC within 2022-28; some of these actions have passed on from the 2016-22 plans.</p> <p>Within all flood studies, an appraisal of the most suitable and sustainable set of actions to mitigate flood risk is undertaken. This appraisal includes computerised hydraulic modelling, which identifies the flood risk at different levels of risk called "return periods". Each flood study will follow SEPA's modelling guidance and include at least 3 scenarios that include an allowance for climate change (e.g. 1 in 200 year plus climate change flood risk).</p> <p>Corporate Risk Register updated.</p>		
Outcome 3: Net Zero, Energy Efficient Homes and Buildings that are adapted for a changing climate										
Key Priority Area 1: Energy Efficient Homes and Buildings										
3.1a	Continue to improve the energy efficiency of East Lothian's existing buildings, exploring options for low carbon and renewable heat and energy sources to meet the targets set out in the Energy Efficiency Scotland Programme to make Scotland's existing buildings near zero carbon wherever feasible.	LHEES; Local Housing Strategy (LHS); Asset Management	Strategy & Development; Projects Team; Scottish Government			Reduced Energy Consumption	Annual	A range of EWI, CWI and Solar PV works continue to be carried out to improve the energy efficiency of the existing housing stock, both private and Council owned, in East Lothian.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
3.1b	Maximise funding opportunities for energy efficiency measures across all housing tenures in East Lothian and continue to complete fabric improvements to domestic Council and private stock	LHEES; Local Housing Strategy (LHS)	Strategy & Development; Housing Team; Property Maintenance	Number of measures installed		Increased number of energy efficiency measures installed	Annual	22/23 EES; ABS project has commenced installing 9 Solar PV & batteries on properties in Prestonpans, Dunbar and Morham. We are looking to install CWI on mixed tenure blocks of flats which have been missed on previous projects in various locations. Property Maintenance service continues to meet with Strategy and Development colleagues on a monthly basis to discuss existing and new funding streams and opportunities.		
3.1c	Roll out the Energy Advice Service to support occupiers to run the buildings efficiently and effectively, particularly to those households most at risk of fuel poverty.		Strategy & Development	Number of homes visited by Energy Advisors			Annual	ChangeWorks has continued the advice service and has waiting lists recently due to high demand. We are working with colleagues in the Policy, Improvement and Performance team to actively look for ways to increase service capacity through possible partnerships with HES and ChangeWorks using funding from wind farm providers.		
3.1d	Improve knowledge and understanding of Council housing stock, i.e. condition, fuel poverty, energy efficiency		Property Maintenance	Number of Council housing assets with full stock condition intelligence		All assets to be physically surveyed on a 5-year rolling programme	Annual	A 5-year rolling survey programme assessing stock condition, energy efficiency & housing quality commenced in January 2020, however was halted due to the COVID pandemic. Since emerging from the pandemic, the programme has been further hindered due to long term sick and redeployment of resources.		
3.1e	Continuing to meet the Scottish Housing Quality Standard (SHQS) while also meeting Scotland's Energy Efficiency Standards for Social Housing (EESH) is a priority for all social landlords. Widen the range of technologies under consideration to allow compliance with the EESH2 standard by 2032		Property Maintenance	% of housing stock compliant with the SHQS / EESH	Annual return of the Social Housing Charter (ARC)	SHQS - ongoing. EESH - December 2020.	2020 / ongoing	SHQS Compliance – 63.11% (Pass – 5672; Fail – 3173; In Abeyance 134; Exempt – 9) & EESH1 – 90.29%. Overall reduction in compliance with the SHQS relates to inclusion of new items, namely the requirement for additional smoke, heat and CO detectors as well as more frequent electrical certification - drops in compliance across the wider social housing sector are very similar. The EESH element of SHQS (i.e. element 35) has however improved.		
3.1f	Identify solar PV opportunities for public and private buildings where technically feasible		Transformation Board; Strategy & Development; Property Maintenance	Number of PV installations	Zero		Ongoing	Pathfinder installation works completed Feb 2022, but due to delays with SPEN the Solar PV has not been connected to the grid, as yet.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
3.1g	Continue to install LED lighting in our buildings and domestic stair wells. Exploring opportunities for future smart intelligent lighting		Strategy & Development; Property Maintenance				Ongoing	No further update. New lighting in ELCs domestic housing is modernised to the new LED specification on a find and fix basis.		
3.1h	Continue to explore setting up an Energy Service Company (ESCO)		Housing; Property Maintenance; Strategy & Development; Energy Transformation Board				Ongoing	No progress. See December 2021 update.		
3.1i	Continue to explore opportunities for new innovative energy efficiency work streams through the Energy Transformation Board		Energy Transformation Board				Ongoing	The Energy Transformation Board continues to meet regularly. A new LHEES Officer will be appointed in spring 2023. This person will be convener of the Board and be the key contact for improving energy efficiency and finding innovative heat and energy solutions in EL. Members of the board are liaising with expert in geothermal energy, district heating networks, solar farms etc. to support decarbonisation of energy and heat		
3.1j	Improve knowledge and understanding of private housing stock, i.e. condition, fuel poverty, energy efficiency, to help understand those properties that are failing to meet the Scottish Government's EPC target and help facilitate Scottish Government funding to those who are eligible for energy efficiency measures		Strategy & Development	Number of private properties with energy efficiency data		All assets to be surveyed and validated through systems such as Home Analytics and physical surveys	Annual	Home Analytics which is based on EPC data and credit scoring from Equifax (previously Experian was used) is used to assess stock. The issue with this information is that some of the data is cloned. The Energy Efficiency Team also using local knowledge to identify areas which may be suitable for energy efficiency measures. Once these areas are identified the addresses are given to the appointed contractor to survey. As part of the LHEES funding to test LHEES methodologies, a number of Heat Network Maps were created. Fuel poverty maps were also created by changeworks. LHASA chapters on housing conditions and climate change and energy efficiency have also been prepare to inform the upcoming LHS 2023-2028.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
3.1k	Review and update the Council's affordable housing specification and design guide to ensure all future developments are low carbon and sustainable		Strategy & Development			To review and update the Affordable Housing specification and design guide by March 2022	2022	The Supplementary Planning Guidance (SPG) on Affordable Housing will be reviewed line with the LDP review and be in accordance with the NPF4 and its climate policies. Ongoing - reviewing Affordable Housing Specification and Design Guide has not been possible due to team resource constraints. There remains the possibility of setting up a Technical Review Group but this will need be considered again in 2023/24. Consultants and Design Team working on Herdmanflat project could assist with the formulation of both documents while working up the specifications for the project. Will also have to link in with Energy Efficiency Policy and Net Zero Targets.		
Key Priority Area 2: Opportunities for Sustainable Energy and Heat										
3.2a	Participate in the Scottish Government's pilot Local Heat and Energy Efficiency Strategy (LHEES) Programme and respond to proposals to create a statutory framework for LHEES	LHEES	Strategy & Development; SECCO; Planning; Transformation Team; Scottish Government	Production of an East Lothian Local Heat and Energy Efficiency Strategy (LHEES) with identified actions		Production, adoption and implementation of an East Lothian Local Heat and Energy Efficiency Strategy (LHEES)	2023	ChangeWorks has been appointed to progress the LHEES pilot. Responsibility of LHEES has moved service: from Housing to Planning. The ELC's Sustainability & Climate Change Officer is regularly attending the LHEES Forums with the Scottish Government and the informal LHEES discussions between Local Authorities. A job description has been created for appointment of an LHEES Officer, which will put its full attention to decarbonisation of energy and heating. We are hoping that the new staff member will be in place spring 2023.		
3.2b	Explore with local communities to pursue local renewable energy schemes / Community Energy Schemes with local benefits, following on from LHEES	LHEES; Planning	Strategy & Development; SECCO; Planning; Transformation Team; Area Partnerships; Community Councils			To be developed during LHEES process	2025	LHEES Report was completed in May 2022 testing stages 1-4. Scottish Government now requires every Local Authority to prepare an LHEES by 2023. This work is ongoing with an LHEES Officer to be recruited in the near future.		
3.2c	Research opportunities to utilise local water bodies for renewables including local reservoirs and rivers		Energy Transformation Board				Ongoing	No progress has been made.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
3.2d	Work with partners to continue projects to explore the use of low carbon District Heat Networks in order to capture and utilise waste heat from industry, Energy From Waste plants, ground-source heat from disused mines, other heat sources	LHEES; Local Development Plan (LDP)	Strategy & Development; Planning Service; SECCO; Transformation Team; external partners	Number of District Heating Networks in place and number of buildings etc. connected to them	Need to establish a baseline	Increased number of District Heating Networks in place and increased number of buildings etc. connected to them	2023	Ongoing. No progress has been made through the Energy Transformation Board in relation to this. There is national interest in progressing in this area and Blindwells may provide an opportunity for ELC to explore this.		
3.2e	Introduce a Planning Condition for developers to report on their actions taken to reduce the carbon emissions from the build and from the completed development	LDP; Climate Change Strategy	Strategy & Development; Planning Service; Building Standards		0		2020 / ongoing	For all relevant development proposals, planning officers continue to encourage developers to submit their proposals to reduce carbon emissions with their planning application. Where this has not been done, then the Council imposes a condition requiring details of measures to reduce carbon emissions to be submitted to and approved by the Planning Authority prior to the commencement of development.		
3.2f	Ensure all new build affordable housing delivered directly by the Council is as sustainable and low carbon as possible		Strategy & Development	Number of new build delivering renewable technology		All affordable new build projects as a minimum must meet the Scottish Government's Greener Standard and beyond where possible	Ongoing	<p>Net Zero Carbon projects are on site and the team will continue to explore pilot opportunities to introduce new technologies or innovations. Herdmanflat Hospital site potentially provides an opportunity to introduce Passivhaus details or Gold Aspect.</p> <p>The New Build Team will continue to ensure that all new affordable housing going forward will benefit from enhanced environmental standards and the use of innovative methods including zero carbon emission heating systems, electric vehicle charger points, photovoltaic panels, increased insulation and modular or modern methods of building systems.</p>		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 3: Climate Adaptation: Climate Ready Buildings										
3.3a	Increase the awareness of the impacts of climate change and what individuals / homeowners / employers can do to adapt, by setting up a website central hub linking to information from ELC and relevant partner agencies	Climate Change Strategy; Resilient Communities initiative	SECCO; Strategy & Development; Web Team; external partners including Adaptation Scotland	Website Hub set up; number of 'hits' on website	None at present specifically for East Lothian	Website Hub set up; number of 'hits' on website increasing	2022	A new website has been created to focus more on how community groups and businesses can get involved in tackling the climate emergency. It includes link to sustainability community groups and initiatives for citizens of East Lothian to get involved in, and links with useful tips for businesses.		
3.3b	Continue to ensure that all Council properties meet Scottish Housing Quality Standards and Energy Efficiency Standards for Social Housing (EESHS) targets, which ensure homes are better adapted for a changing climate	Local Housing Strategy	Strategy & Development; Housing Team; Property Maintenance; Scottish Government	% of housing stock compliant with the SHQS / EESHS	Annual return of the Social Housing Charter (ARC)	SHQS - ongoing. EESHS - December 2020.	2020 / ongoing	EESHS compliance has continually improved year-on-year most recently from 86% in 2021 to 90% in 2022.		
3.3c	Work with partners to explore innovative options for adapting buildings and the urban environment for a changing climate, e.g. green roofs, green walls, ventilation adaptations, sustainable drainage systems		Strategy & Development; Housing Team; external partners and developers	Buildings / developments incorporating innovative green climate adaptation technologies	No baseline at present	Increase in number of buildings / developments incorporating innovative green climate adaptation technologies	2025	All new housing developments designed with Sustainable Drainage Systems (SUDS) since about 2015. New projects underway or progressing: Fa'side Lodge and Windygoul, Tranent, Lempockwells and - including installation of heating systems with zero carbon emissions and electric vehicle charge points. Scottish Government Affordable Housing benchmarks have increased and allow for additional greener measures, these are being applied for in addition to other funding to assist with overall costs; Enhanced environmental standards and innovative methods are being considered at all forthcoming projects.		
Outcome 4: A Resource Efficient and Sustainable East Lothian and the route to Zero Waste										
Key Priority Area 1: Waste Reduction and Recycling										
4.1a	Increase waste recycling in East Lothian to meet the 2025 target	Waste Management	Waste Services	% of total household waste that is recycled (national targets)	51.8% (2016/17)	70%	2025	53.9% (2021). Total waste generated in 2021 increased to 53,952 from 51,755 in 2020 and 49,979 in 2019. Total waste recycled increased to 29,093 from 27,137 in 2020 and 27,644 in 2019.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
4.1b	Work with Scottish Government to set interim targets for being a Zero Waste county		Waste Services; Scottish Government				As soon as possible; by 2025	Landfilled 10% of all NRW in 2020. Landfill used only as a contingency for planned and unplanned EfW plant outages.		
4.1c	Work with partners to progress installation of public taps / water fountains for refilling water bottles		Work with partners including Scottish Water / Planning Service	Number of taps installed		Increased number of taps installed	Annual	No progress has been made.		
4.1d	Support communities to progress towards and achieve Plastic Free Community status	Climate Change Strategy	SECCO; Waste Services; community partners					Inclusion in Climate Change strategy - enabling communities to achieve objective one on Local Governance.		
4.1e	Continue to assist businesses and event organisers to implement resource efficiency, energy efficiency and waste reduction measures		Economic Development; Resource Efficient Scotland (RES); businesses	Number of energy/resource efficiency measures installed; cost saved to businesses - as per RES data		Increased uptake of energy/resource efficiency measures by businesses; increased cost savings	ongoing	ELC's Sustainability & Climate Change Officer is working together with Legal & Licensing to support framework for no single-use plastic and waste reductions in business and event sector.		
4.1f	Develop and implement a Zero Waste Events policy		Economic Development & Strategic Investment; partners	Development of a Zero Waste Events policy	No policy currently in place	Zero Waste Events policy established	2025	ELC's Sustainability & Climate Change Officer is working together with Legal & Licensing to support framework for no single-use plastic and waste reductions in business and event sector. Some Zero Waste Refill shops and local ReUse events have been supported through community funding from ELC.		
4.1g	Progress revision of licencing / permits so lease-holders / activities are required to cut single-use plastic and strongly encouraged to attempt a zero waste activity and demonstrate carbon reduction strategies		Legal & Licensing; SECCO	Revised licencing / permits progressing	To be established	Progressing revision of licences / permits to reduce single-use plastic use and encourage zero waste ethos	2025	ELC's Sustainability & Climate Change Officer is currently working with Legal & Licensing to support the framework for businesses and events to opt out from single use plastic and progress to zero waste.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
4.1h	Continue to reduce the Carbon Impact of household waste generated and managed for East Lothian	Waste Management	Waste Services	Carbon Impact of household waste generated and managed for East Lothian (tCO2e) - from SEPA national data	In 2018: 110,686 tCO2e. Carbon Impact per tonne of household waste managed in 2018: 2.21.	Continued reduction in Carbon Impact per tonne of household waste managed (from SEPA data)	2025	2021 115,390 tCO2eq Carbon Impact per tonne of household waste managed was 2.13 NB: Changes have been made to how this is calculated and 2020 verified figure was updated to 111,532 so Carbon Impact per tonne of household waste managed was 2.15 in 2020		
Key Priority Area 2: Circular Economy										
4.2a	Work with partners to progress Circular Economy options for East Lothian's communities - including expanding 'Zero Waste' initiatives into all of East Lothian's communities		Waste Services; Economic Development & Strategic Investment; SECCO; partners including Zero Waste Scotland	Circular Economy initiatives / Zero Waste hubs progressing	Zero Waste Hubs currently in Musselburgh and Dunbar	Progressing Circular Economy initiatives / Zero Waste hubs in all of East Lothian's communities	2025	All four Recycling Centres across the county have reuse cabins.		
4.2b	Work with partners to support the establishment of Repair Cafés / facilities in each community, including the provision of storage facilities so that tool shares, toy libraries and household equipment libraries can be hosted		Waste Services; Economic Development & Strategic Investment; SECCO; Connected Communities; partners	Establishment of circular economy facilities progressing	Tool Library already established in Musselburgh	Increased number of circular economy facilities across the county	2025	Tool repair project supported at Kinwegar Recycling Centre and bikes and parts from all four Recycling Centres are collected for repair/reuse projects. Musselburgh Tool library was paused during COVID and is currently 'housed' at Fisherrow Centre. Connected Communities team exploring options to encourage members of the local community to take on running of the tool library, linked to sustainability agenda.		
4.2c	Businesses: Work with partners including Zero Waste Scotland to encourage circular economy business models among East Lothian's businesses		Waste Services; Economic Development & Strategic Investment; SECCO; partners including Zero Waste Scotland; businesses	Number of businesses using circular economy business models	Need to establish baseline	Increasing number of businesses using circular economy business models	2025	Project started with HMP Saughton providing large WEEE to the facility for repair and refurbishment, providing skills to incarcerated to reduce recidivism rates.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 3: Reducing Litter and Plastic Waste										
4.3a	Prepare a Code of Practice on Litter and Refuse (COPLAR)		Amenity Services	Preparation of Code of Practice on Litter and Refuse (COPLAR)		Code of Practice on Litter and Refuse (COPLAR) prepared	2025	East Lothian Council officer is currently part of a Working Group updating LEAMS / LMS monitoring methodology including consideration of how COPLAR is to be incorporated.		
4.3b	Reduction of litter through promotion / awareness-raising and initiatives, including supporting the work of local groups in reducing littering	COPLAR	Amenity Services; SECCO; external partners	To be established once Code of Practice on Litter and Refuse (COPLAR) developed			2025	Ongoing promotion and awareness-raising. We continue to support local litter-picking groups and individuals. An internal Litter & Fly-tipping Working Group is in place to coordinate work across council departments. ELLi (East Lothian Litter Initiative) still in place and promoted on the Council's website. We also continue to liaise with external partners.		
4.3c	Work with partners to implement practical and cost-effective solutions for reducing and eliminating micro plastic granule loss into the environment from all our artificial sports pitches	Climate Change Strategy	SECCO, Sports Development; Fidra; other external partners	Number of artificial sports pitches with solutions to reduce / eliminate micro plastic granule loss implemented	No sports pitches currently have installations to reduce / eliminate micro plastic loss	Increase number of Artificial sports pitches to have installations to reduce / eliminate micro plastic loss	Annual	Contract awarded to replace 2 x 3G pitches inclusive of mitigation measures. Delivery expected in December / January 2022		
Outcome 5: A Low Carbon and Sustainable Economy										
Key Priority Area 1: Businesses and the Local Economy										
5.1a	Implement Economic Development Strategy refresh: Take opportunities to encourage low carbon innovation, research, new business opportunities – e.g. in renewables	Economic Development Strategy (EDS)	Economic Development & Strategic Investment; partners	Development of low carbon innovation / research / new business opportunities: number of Business Gateway starts in this sector and Business Gateway growth meetings		Increasing number of Business Gateway starts in this sector and Business Gateway growth meetings. DDI (Data Driven Innovation) City Deal project offers innovation opportunities, exploratory stage.	Annually to 2025	New Local Economy Strategy to be in place by Summer 2023, core aims expected to include NZC and green recovery		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
5.1b	Work with partners to develop training and development opportunities in the low carbon technologies and renewables sectors to future-proof our county and our workforce for the technological advances of the future	EDS	Economic Development & Strategic Investment; partners	Development of training and development opportunities in the low carbon technologies and renewables sectors: Look to run Business Gateway workshops on Environmentally Sustainable business model – number each year with attendees		Increasing number of training and development opportunities in the low carbon technologies and renewables sectors	Annually to 2025	Developing renewables pathways with offshore wind providers		
5.1c	Work with partners to build low carbon planning, energy efficiency and sustainability advice into the East Lothian business support ecosystem, and continue to support businesses to reduce their carbon footprint, improve energy and resource efficiency, and increase sustainability in their processes, supply chains, packaging, distribution	EDS	Economic Development & Strategic Investment; partners including Resource Efficient Scotland	Number of businesses supported to improve energy/resource efficiency, as recorded by ELC's resource efficiency consultant		Increased number of businesses supported to improve energy/resource efficiency	Annually to 2025	Developing transition to NZC business support through Q4 22/23 with UKSPF funds, piloted in the first instance to refine offer, dual focus on reducing costs and reducing carbon/waste emissions.		Jan 2022: Cabinet confirms combining action 4.1e and 4.2c into this action
5.1d	Support the faster roll out of Superfast Broadband, including required infrastructure for new developments	EDS	Economic Development & Strategic Investment; partners	% of East Lothian properties with Superfast Broadband (30Mbps - National target)	85% (2016/17)	100% (2022)	2022	Coverage of existing properties now above 96% and R100 programme end extended. ED Officer recruited to new post to support identifying and fill not-spots.		
5.1e										ACTION DELETED IN JAN 2021

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
5.1f	Promote and add a new Business Gateway course on 'Running a Sustainable Business'	EDS	Economic Development & Strategic Investment; partners	Implementation of a Business Gateway course on 'Running a Sustainable Business'; number of participants	No course at present; need to establish baseline for minimum number of participants to make course viable	Business Gateway course on 'Running a Sustainable Business' implemented and promoted; minimum number of participants achieved	2025	Procurement for new contracts has been delayed.		
5.1g	Industry: Engage with local industry and work in partnership to support and encourage our local industries and national agencies to reduce emissions from industry (including exploring carbon off-setting projects), supporting the Scottish Government's targets		Economic Development & Strategic Investment; partners	Emissions from Industry sector, from UK Government data	2017 data for East Lothian: Industry & Commercial Electricity: 73.1 ktCO ₂ ; Industry & Commercial Gas: 38.4 ktCO ₂ ; Large Industrial Installations: 589.7 ktCO ₂ ; Industrial & Commercial Other Fuels: 33.7 ktCO ₂	Decrease in emissions from Industry sector	Annual	2020 data for East Lothian from UK local authority and regional greenhouse gas emissions national statistics, 2005 to 2020, Table 2.1: Local Authority territorial carbon dioxide (CO ₂) emissions estimates 2005-2020 (ktCO ₂ e) - Full data set: Industry Electricity = 26.9 ktCO ₂ e Industry Gas = 18.7 ktCO ₂ e Large Industrial Installations = 428.4 ktCO ₂ e Industry 'Other' = 12.8 ktCO ₂ e		
5.1h	Agriculture: Engage with farmers and landowners and work in partnership to support and encourage our local agriculture sector and national agencies to reduce emissions from agriculture and promote biodiversity and sustainability, supporting the Scottish Government's targets		Economic Development & Strategic Investment; Countryside Services; partners	Emissions from Agriculture sector, from UK Government data	2017 data for East Lothian: Agriculture: 19.1 ktCO ₂	Decrease in emissions from Agriculture sector	Annual	Opportunities taken, for example, at the Haddington Agricultural Show and via Climate Emergency Intern presenting at the Local Access Forum.		
5.1i	Work with partners to explore opportunities to develop the Carbon Capture, Utilisation and, potentially, Storage (CCUS) sector in East Lothian		Economic Development & Strategic Investment; partners			Cockenzie – NPF3 for renewable energy, ongoing engagement with potential investors	2025	ELC's Sustainability & Climate Change Officer attended a workshop with University of Edinburgh and other local authorities in south east Scotland to explore carbon capture storage potential and sites. Ongoing contact with these stakeholders		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 2: Thriving Town and Rural Centres										
5.2a										Action combined with 5.2a as of December 2021.
5.2b	Vibrant Low Carbon Local Economies – continue to support locally driven improvements to access, retail, service, and visitor experience in town and rural centres enhancing the circular economy ('shop local', farmers' markets, making connections to East Lothian Food & Drink, broad based business support, active and sustainable travel).	EDS; LTS; Town Centre Strategies; Area Plans	Economic Development & Strategic Investment; Connected Communities / Area Partnerships and other partners	As per EDS	As per EDS	As per EDS; linkages with Visit East Lothian channels	2020 / ongoing	Ongoing - VEL website relaunched including focus on walking and cycling, SOLE web platform launched to support shop local initiatives and increase local knowledge of EL based businesses.		
5.2c	Provide specific support and signposting for low carbon, zero waste, sustainable, and social enterprise / community wealth building business models.	EDS; Town Centre Strategies	Economic Development & Strategic Investment; Town Centre partners	As per EDS	As per EDS	As per EDS	2020 / ongoing	Continues via Business Gateway and Economic Development activities. CWB to be explored in more detail during 2023		
5.2d	Work with partners to investigate options for local business hubs / co-working spaces, and support local co-working initiatives, if demand is identified.	EDS; Town Centre Strategies	Economic Development & Strategic Investment; Town Centre partners	Number of local business hubs / co-working spaces progressing		Increased number of local business hubs / co-working spaces progressing. If demand is identified, then work with partners to realise this demand, based on funding, commitment from businesses, and availability of premises.	Annual	Impact of COVID on working models still to be seen fully, hubs and co-working spaces continue to be hard to develop / make pay.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
5.2e	Continue to develop, deliver, and support town, local, and village centre regeneration initiatives including the repair of and improvements to the insulation and energy efficiency of private and local authority business premises, and the reuse of vacant / derelict buildings and land for mixed use development.	LHS; LPD; EDS; Town Centre Strategies	Economic Development and Strategic Investment; Planning Service; Connected Communities / Area Partnerships and other partners	As per LHS, EDS, LDP, and Town Centre Strategies	As per LHS, EDS, LDP, and Town Centre Strategies	As per LHS, EDS, LDP, and Town Centre Strategies	2020 / ongoing	Place Based Programme funding to be utilised over next 3 years with other funds to deliver TC Regeneration, e.g. completion of Cockenzie CARS by 2023 and Dunbar Cars to 2025/26. Opportunities via multiple benefits from MFPS / MAT and other schemes, UKSPF investment plan includes commutes and place funding opportunities, e.g. to support reuse and regeneration of buildings in a sustainable manner.		Action combined with 5.2a as of December 2021.
5.2f	Enterprising Communities - Support local efforts to enhance East Lothian's town, local, and village centres, helping deliver community-led regeneration.	EDS; LDP; LHS; Town Centre Strategies; Area Plans	Economic Development and Strategic Investment; Planning Service; Connected Communities / Area Partnerships and other partners	As per LHS, EDS, LDP, Local Area Plans, and Town Centre Strategies	As per LHS, EDS, LDP, Local Area Plans, and Town Centre Strategies	As per LHS, EDS, LDP, Local Area Plans, and Town Centre Strategies	2020 / ongoing	ongoing + UKSPF funding identified to support key business sectors, including town centres		
5.2g										Jan 2022: Cabinet confirms combining action with 5.1d
5.2h	Proactive Planning – Encourage well connected, sustainable, low carbon town, local, and rural centre development, and recognising shifting retail and working trends, support mixed uses in centres to enhance sustainability and resilience	LDP; EDS; LHS; Town Centre Strategies	Planning Service; EDS; Connected Communities / Area Partnerships and other partners	As per LDP, EDS and Town Centre Strategies	As per LDP, EDS and Town Centre Strategies	As per LDP, EDS and Town Centre Strategies	2020 / ongoing	The Planning authority in our decision making supports the principle of uses appropriate to our town and local centres, as well as well connected, sustainable, low carbon town, local, and rural centre development.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Key Priority Area 3: Climate Adaptation: Climate Ready Businesses										
5.3a	Work with partners to encourage and support business, public sector and third sector organisations and other institutions prepare for the challenges and opportunities presented by climate change, including preparing Business Continuity Plans		SECCO; Economic Development & Strategic Investment (EDSI); partners including Adaptation Scotland	Number of businesses, public sector organisations and other institutions prepared for climate change impacts; number of Business Continuity Plans in place		Increasing number of businesses, public sector organisations and other institutions prepared for climate change impacts; increasing no. of Business Continuity Plans in place	2025	ELC's Sustainability & Climate Change Officer works closely with ED to support resilience among local businesses. A Capability Framework workshop is planned for spring 2023, in which ED will participate. One of the objectives of the workshop is resilient local businesses, community, and third sector.		
5.3b	Work with partners to raise awareness of climate change impacts on businesses / climate adaptation measures		SECCO; EDSI; partners including Adaptation Scotland	Number of articles / events		Increase number of promotional articles and events attended	2025	ELC's climate emergency website has been updated to include more guidance for local businesses to mitigate and adapt to climate change. ELC's Sustainability & Climate Change Officer attended ED's 'Meet the Council' event to talk with local businesses about the climate emergency.		
5.3c	Engage local businesses with the Resilient Communities initiative and the Council's Severe Weather Emergency Planning, to identify where they can provide support for our local communities in times of hardship due to climate and severe weather impacts	Resilient Communities initiative	Economic Development; SECCO; Protective Services; Emergency Planning, Risk & Resilience Team; businesses	Production of Emergency Response / Community Resilience plans to include local businesses		All Emergency Response / Community Resilience plans include local businesses	Ongoing to 2025	A workshop is planned end of March with Adaptation Scotland and Council Services including Economic Development, Protective Services and Emergency Planning, Risk & Resilience Team. Ways forward to strengthen climate change adaptation, including engaging local businesses with Resilient Communities will be covered.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Outcome 6: A Healthy and Resilient Natural Environment and the route to Carbon Neutral										
Key Priority Area 1: Our Natural Environment and Biodiversity										
6.1a	Progress an extensive annual native Tree Planting and maintenance programme in East Lothian to offset carbon emissions, in appropriate locations	Biodiversity Action Plan	Sport, Countryside & Leisure; Connected Communities / Area Partnerships and other partners; volunteers	Number of native trees planted / hectares of new woodland planted annually	To be established (tree planting underway for many years)	Increased tree planting	annually	Ongoing. Encouraged and supported by Amenity Services / Tree Officer and Countryside Service / Countryside Rangers on Council-owned land. This year the Council has been part of the steering group for the Queen's Green Canopy tree planting initiative in East Lothian (led by the Lord Lieutenancy) which resulted in considerable interest and planting of trees by local communities, schools, businesses and landowners, in addition to extensive tree planting on Council land. Orchards have been progressed with community groups including at Lewisvale Park, Musselburgh. Extensive tree planting across East Lothian has taken place, contributing to the East Lothian Climate Forest (the planting of 2 million trees across East Lothian in 10 years). A Forest & Woodland Strategy for East Lothian is in development, which will inform further Climate Forest tree planting locations.		
6.1b	Prepare a Woodland and Forestry Strategy for East Lothian, as required by Scotland's new planning act		Sport, Countryside & Leisure; Planning Service	Preparation of a Woodland and Forestry Strategy for East Lothian		Woodland and Forestry Strategy for East Lothian prepared, adopted and implemented	2025	The Forestry and Woodland Strategy is approaching the stage of a draft for public consultation. It is likely that this will be re-named the Tree and Woodland Strategy as this better reflects the contents, however this strategy will meet the statutory requirement of producing a Forestry and Woodland Strategy. The consultation is likely to take place early 2023.		
6.1c	Plant 40,000m ² of wildflower meadows in East Lothian each year to improve biodiversity and increase pollination	Biodiversity Action Plan	Sport, Countryside & Leisure; Connected Communities / Area Partnerships and other partners; volunteers	Area of wildflower meadows planted	30,000m ² (2019)	40,000m ² annually	annually	Ongoing – we continue to progress this. New opportunities are being taken wherever possible, including working with local community groups to plant wildflower areas and identifying opportunities to re-wild areas		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
6.1d	Review and update actions in ELC Countryside Site Management Plans to ensure they reflect best practice in site management for carbon sequestration / carbon storage potential – particularly for Aberlady Bay, John Muir Country Park, Gullane Bay; subject to the appropriate Habitat Regulations Assessment	ELC Countryside Site Management Plans	Countryside Service	Production of revised Countryside Site Management Plans that reflect best practice in carbon sequestration / storage potential	Current actions in Countryside Site Management Plans	All Countryside Site Management Plans have actions that reflect best practice in carbon sequestration / storage potential	2025	<p>Standard policy applied to site plans: "Cognisance of Climate Emergency will be central to all site management in the future. Habitat management will need to take account of predictions of increased temperature, changes in rainfall patterns and sea level rise, and endeavour to adapt site ecosystems to be resilient to such change.</p> <p>Although the carbon footprint of the Reserve is very small, there are steps that should be taken to reduce it further and it is important for the site to both play its part in a collective effort to reduce global temperature rise and to demonstrate to others what measures are possible.</p> <p>The science is now clear: "Climate change is real and human activities are the main cause." (Intergovernmental Panel on Climate Change). Cognisance of this will be central to all reserve management in the future. Habitat management will need to take account of predictions of increased temperature, changes in rainfall patterns and sea level rise, and endeavour to adapt site ecosystems to be resilient to such change.</p> <p>Likely evidence of the impacts of a changing climate can be seen at the nature reserve, from: declines in wintering and breeding birds; the arrival of northward-advancing insect species; increased temperatures; and widespread, drier conditions throughout its wetland habitats.</p> <p>Although the carbon footprint of the Reserve is very small, there are steps that should be taken to reduce it further and it is important for the site to both play its part in a collective effort to reduce global temperature rise and to demonstrate to others what measures are possible.</p>		
6.1e	Implement actions in revised ELC Countryside Site Management Plans to ensure countryside sites / natural habitats are in prime condition to sequester and store carbon; subject to the appropriate Habitat Regulations Assessment	ELC Countryside Site Management Plans	Countryside Service; partners; volunteers	Condition of Countryside Sites indicator	Baseline Condition has been established for all relevant sites	Increased Condition of Countryside Sites indicator score; countryside sites / natural habitats are in prime condition to sequester and store carbon	2025	Many actions disrupted by COVID. More achieved than 2021 because of employment of seasonal Countryside Rangers.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
6.1f	Produce an updated Biodiversity Action Plan to tackle the Ecological Emergency	Biodiversity Action Plan	Countryside Service	Production of updated Biodiversity Action Plan		Updated Biodiversity Action Plan published	2022	The Scottish Biodiversity Strategy was put out to consultation in Summer 2022. This provided an indication of the direction of travel. Following consultation, the amended strategy plus a detailed action and delivery plan is expected Spring 2023. There is an evident need for the LBAP to be refreshed, however key risks include lack of funding and staff capacity to deliver on this. Informal discussions have been held with key stakeholders including Scottish Wildlife Trust, The Wildlife Information Centre, Scottish Ornithological Club and Botanical Society of Britain and Ireland and it is envisaged that the local biodiversity partnership will be reconvened in early 2023, with a view for the draft LBAP to be put out to consultation by Autumn 2023 to align with the published Scottish Biodiversity Strategy.		
6.1g	Implement the Biodiversity Priorities in the East Lothian Biodiversity Action Plan across East Lothian	Biodiversity Action Plan	Countryside Service; partners; volunteers	As per Biodiversity Action Plan			Ongoing / 2025	Remains ongoing. Key projects this year included surveying sites for Northern Brown Argus (an LBAP priority species) and working with local golf courses to encourage management for biodiversity, particularly grassland habitats. Conservation grazing has been maintained at 3 sites, with funding applied for through the Agri-Environment Climate scheme to support continued delivery of this 2023-2028		
6.1h	Naturalise amenity grassland to enhance local biodiversity, improve natural habitats and support wildlife	Biodiversity Action Plan	Countryside Service; volunteers	% of amenity grassland naturalised		10% of amenity grassland naturalised	2022	Areas of amenity grassland have been identified and relaxed in most communities, including Edenhall in Musselburgh, East Links Port Seton, Direlton Common, St Martin's Kirk in Haddington and the Lodge grounds in North Berwick. The purchase of specialist machinery in 2021 through the Nature Restoration fund has enabled areas of amenity and coastal grassland to be managed more sympathetically. In 2022, Gullane Bents and Longniddry Bents were cut for the first time using the cut and lift machine, alongside areas at Aberlady Bay, Yellowcraig and Levenhall Links. The impact of this management is monitored by the Countryside Rangers and local specialists, with early indication that this has resulted in a greater diversity of plant life.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
6.1i	Protect the status of designated sites, and enhance the natural resource (particularly woodland, saltmarsh, peatland and other carbon rich soils which function in carbon sequestration), working with national partners	Biodiversity Action Plan, LDP, Green Networks Strategy SPG	Countryside Service; partners	As per national site condition monitoring indicators	Baseline established as per national site condition monitoring indicators	As per national site condition monitoring indicators	Ongoing / 2025	Many actions disrupted by COVID. More achieved than 2021 because of employment of seasonal Countryside Rangers. Conservation grazing is maintained at three SSSIs (Barns Ness, North Berwick Law and Traprain Law) with the aim of improving the condition of the designated site.		
6.1j	Woodland creation / enhancement, native tree planting and hedgerow planting in and around our communities (in appropriate locations) to offset the carbon emissions and traffic pollution in urban areas	Green Networks Strategy SPG; OSS; Forestry & Woodland Strategy; LDP	Sport, Countryside & Leisure; Strategy & Development; Connected Communities / Area Partnerships and other partners	Areas of native woodland planted; number of native urban/street trees planted	As per ELC Tree Management (Amenity Services) baseline	Increased areas of woodland in and around towns; increased numbers of urban/street trees	Ongoing / 2025	As Action 6.1a. Continue to be implemented in new developments.		
6.1k	Work with farmers and landowners to maximise carbon storage potential of land-use by planting of woodland or individual trees; peatland restoration and conservation projects; wetland creation; carbon sequestration, working with national agencies	Biodiversity Action Plan; Green Networks Strategy	Countryside Service; national and local partners	National indicators; implementation of conservation projects working in partnership	As per national indicators	As per national indicators; Conservation projects implemented working in partnership	Ongoing	Partnering with the East Lothian Climate Forest team to progress.		
6.1l	Undertake projects to improve and encourage biodiversity & wildlife and enhance natural habitats in and around our communities and urban areas, including managing amenity greenspace for biodiversity / pollinators, riverside habitats, grasslands	Biodiversity Action Plan; OSS	Sport, Countryside & Leisure; the Wildlife Information Centre (TWIC); partners; volunteers	Number of local biodiversity projects supported; records / surveys of urban wildlife	As per Wildlife Information Centre records; Biodiversity Action Plan	Increased number of local biodiversity projects supported; increased records of urban wildlife	Ongoing	Funding from Scottish Government (Nature Restoration Fund) in Summer 2022 has enabled a range of restoration management projects. For the benefit of pollinators and wider biodiversity. Project ongoing, due for completion Spring 2023. Further projects have been identified in partnership with community groups, with a particular focus on wildlife corridors in an urban setting. A Bioblitz was undertaken with Gullane community members to encourage understanding and appreciation of nature within the village.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
6.1m	The Council's Countryside Ranger Service to interpret / educate / raise awareness of climate change mitigation, adaptation and sequestration as part of their remit	ELC Countryside Ranger Service Roles and Remit	ELC Countryside Ranger Service	Inclusion and implementation of interpretation / education / awareness-raising about climate change mitigation, adaptation and sequestration in ELCRS remit	Currently undertaken as required / when opportunities arise	Inclusion of interpretation / education / awareness-raising about climate change mitigation, adaptation and sequestration in ELCRS remit and being implemented	2022	Disrupted by COVID this year. Engaged in Climate action week and shared learnings		
6.1n	Work in partnership to look after the marine environment, including East Lothian's coast and beaches (e.g. beach cleans), including the responsible use and enjoyment of the coast	Countryside Site Management Plans	ELC Countryside Ranger Service; partners; volunteers	Actions in Countryside Site Management Plans; number of beach cleans / promotional events etc.	As per actions in Countryside Site Management Plans	As per actions in Countryside Site Management Plans; maintain & increase numbers of beach clean events / promotional events etc. as appropriate	Ongoing	Disrupted by COVID this year. Partners in Restoration Forth and sea grass establishment trial.		
6.1o	Investigate the impacts of increasing recreational pressures on East Lothian's coast, including recreational disturbance to habitats and wildlife, and the cumulative impacts		Sport, Countryside & Leisure; Economic Development; partners; Planning Service	Production of study into impacts of increasing recreational pressures on East Lothian's coast		Production of study into impacts of increasing recreational pressures on East Lothian's coast, to inform future management	2025	Rural Tourism and Visit Scotland funding secured to enhance facilities on the coast. Land Management Rules in place and byelaws drafted to regulate activities.		
Key Priority Area 2: Climate Adaptation and the Natural Environment										
6.2a	Promote and facilitate the adaptation of the natural environment by enhancing natural habitats and landscape features e.g. coastal dune systems, saltmarsh; subject to the appropriate Habitat Regulations Assessment	Countryside Site Management Plans; Green Networks Strategy	Countryside Service; partners	As per Countryside Site Management Plans; Biodiversity Action Plan	As per Countryside Site Management Plans; Biodiversity Action Plan	As per Countryside Site Management Plans; Biodiversity Action Plan	Ongoing	Coastal adaptation funding announced and aspirations to update the Shoreline Management Plan. Nature Restoration Fund available for converting sea buckthorn scrub to dune grassland. Coastal grassland management and enhancement continues following Nature Restoration Funding in 2021/22.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
6.2b	Work with landowners to create connected blue networks and progress natural flood management, natural river flood protection measures / floodwater storage by improving and creating natural riverine habitats, including freshwater marshland, wetlands and Sustainable Drainage System opportunities	Flood Risk Management Strategy; Flood Protection studies; Green Networks Strategy	Structures & Flooding Team; Countryside Service; landowners	Opportunities are taken to work with landowners to improve blue networks and natural flood management; Progression of natural river flood protection measures	As per Flood Risk Management Strategy; preliminary studies underway	Increased blue network connectivity and areas of natural flood management identified; natural river flood protection measures and habitat improvements progressing	2025	<p>All flood studies identified within the Local Flood Risk Management Plans will aim to provide actions that provides the most sustainable set of actions to mitigate flood risk, this assessment/option appraisal will include natural flood management.</p> <p>All flood protection schemes consider climate change within their option appraisal. Countryside partners in LFRMP.</p>		ACTION NOW COMBINED WITH ACTION 6.2E - Cabinet approved, Jan 2021
6.2c	Plant trees and hedgerows around urban areas to create natural areas of shade and shelter	Forestry & Woodland Strategy; Biodiversity Action Plan; Green Networks Strategy	Sport, Countryside & Leisure; Connected Communities / Area Partnerships and other community partners	Length of hedgerows planted; number of urban/street trees planted	As per ELC Tree Management (Amenity Services) baseline	Increased length of hedgerows planted; increased numbers of urban/street trees	2025	Ongoing. Tree planting and hedgerows incorporated into new developments where appropriate. Tree planting has been undertaken at Levenhall with support from local communities. The Forest and Woodland Strategy (in progress) has further identified suitable areas for planting both trees and hedgerows in urban areas.		
6.2d	Continue to control invasive species	Countryside Management Plans	Sport, Countryside & Leisure; partners	Eradication of non-native invasive plant species	As per management of invasive species	Work towards eradication of non-native invasive plant species	Ongoing / 2025	Continuing. Amenity Services continue to control Giant Hogweed alongside the River Esk in Musselburgh to prevent detrimental impact on flood protection work.		
6.2e										ACTION DELETED IN JAN 2021

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
6.2f	Incorporate into LDP and implement the climate change adaptation measures for new developments as set out in East Lothian's Green Network Strategy Supplementary Planning Guidance (SPG)	LDP; Green Networks SPG	Planning Service; Sport, Countryside & Leisure	As set out in Green Network Strategy SPG	As set out in Green Network Strategy SPG	Development of adaptation measures as set out in Green Network Strategy SPG	Ongoing / 2025	A Green Network Working Group has been convened to oversee the implementation of the Green Network Strategy and coordinate delivery of green network projects on the ground, including investigating methods of financing these. National Planning Framework 4 was laid before Scottish Parliament in November 2022. This contains policy on green networks, climate change and nature networks, which will become part of the development plan once adopted. This will provide a stronger policy basis for implementation of climate change adaptation measures for new developments. Green Network Strategy 'tasks' 8. Aim to combat flooding through natural environment measures - included as NPF Policy 3 Biodiversity section (bii) which requires nature based solutions to be integrated into new development wherever feasible. We consider this would apply to flooding. 9. Protect key green network assets when planning and providing flood/erosion defences. Musselburgh Flood Protection scheme is considering how to incorporate key green network assets around the Esk into the scheme. 10. Consider water management holistically, including implementing multi-functional SUDS. The Council has commissioned a high level vision, Climate Evolution, which aimed to address issues of flooding and unintentional discharge of the sewer system into the Forth through natural flood management, as well as improving the blue-green infrastructure of the area for recreation and biodiversity. As part of the evidence gathering for LDP2, SUDS schemes for major developments will be reviewed to see if multi-functional benefits have been provided. NPF4 Policy 22 on flood risk and water management c(ii) requires that all proposals should manage all rain and surface water through sustainable urban drainage systems (SUDS), which should form part of and integrate with proposed and existing blue[1]green infrastructure. All proposals should presume no surface water connection to the combined sewer. 11. Consider climate change when designing landscaping schemes and tree planting. NPF4 Policy 2 on climate adaptation says "Development proposals will be sited and designed to adapt to current and future risks from climate change." 12. Consider the use of green walls and green roofs in urban areas to address climatic changes. NPF Policy 3 (a) and (bii) on encouraging nature based solutions could encourage this. 13. Design public realm in urban areas to create comfortable environments in a changing climate, for example places and routes that offer shelter and shade. This was included in the Design Standards for New Housing Areas SPG. We will look at how this has been implemented as part of the review of the current LDP.		
6.2g	Reinforce path networks alongside rivers by willow setting (a natural riverbank stabilisation technique with green network benefits for biodiversity)	Core Paths Plan	Countryside Team; volunteers	Use this technique for core paths improvements / stabilisation wherever possible	Already underway	Continue to use this technique for core paths improvements / stabilisation wherever possible	Ongoing / 2025	Ongoing where feasible.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
Outcome 7: East Lothian's Communities are places encouraging a Low Carbon Lifestyle and are prepared for the effects of Climate Change.										
Key Priority Area 1: Our Communities and Placemaking										
7.1a	Work in partnership with our communities to support our communities towards becoming Net Zero Carbon, including enabling community initiatives for carbon cuts, sequestration and adaptation, and delivering improvements to the public realm in towns	Scottish Government's updated Climate Change Plan, once published	SECCO; Strategy & Development; Connected Communities; partners including Scottish Government	To be confirmed by Scottish Government's updated Climate Change Plan	To be confirmed by Scottish Government's updated Climate Change Plan	Reduction in Carbon Emissions	Annual	ELC's Sustainability & Climate Change Officer has been delivering climate emergency workshops to Area Partnerships, engaged with the creation of East Lothian Climate Action Network, and attended meetings and evening events with sustainability community groups to support climate action. Work is also being undertaken with the Scottish Government and Sustainable Scotland Network around public engagement and behaviour change to achieve net zero. This is especially important given UK Climate Change Committee's report on 60% of the changes needed to achieve net zero are either behavioural or societal.		
7.1b	Implement the Green Network Strategy to ensure connectivity, accessibility and enhancement of green spaces and green networks, including native tree planting / hedgerow planting in urban areas, wild spaces for nature, linked with blue networks and Sustainable Drainage Systems	Green Networks Strategy SPG; LDP; Open Space Strategy (OSS)	Sport, Countryside & Leisure; Planning Service; Strategy & Development	Greenspace connectivity in our settlements and new developments; 'Quality of Urban Greenspace' environmental indicator: Landscape Audit Management System (LAMS) score	Current LAMS score for our urban greenspaces as per OSS	All settlements have connected green networks close to where people live; LAMS score increasing	Ongoing	Ongoing. We continue to progress delivering actions in our communities and take opportunities wherever we can. A Green Network Working Group has been convened to oversee the implementation of the Green Network Strategy and coordinate delivery of green network projects on the ground, including investigating methods of financing these. Some actions have come forward in accordance with this, including the work on ClimatEvolution. The Green Network Strategy, having been adopted as Supplementary Planning Guidance, should be referred to by Development Management officers in deciding planning applications. It was also intended that it would be used to support funding applications, however there has been insufficient officer time to pursue this. The next steps are to examine any difficulties with implementation of the strategy, and how this can be addressed.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.1c	Ensure that Core Path network, active travel network and wider path network are integrated and connect residential areas (including new developments) with settlement amenities, destinations, parks/open space, transport hubs; path networks in and around settlements should include shorter recreational circuits; paths should be constructed for climate resilience (e.g. porous surfaces)	Core Paths Plan; LTS / ATIP; LDP; Developer Contributions Framework	Outdoor Access; Countryside Service; Roads Services; Planning Service	Length of Core Paths and length of promoted active travel routes; path and active travel connectivity	Current length of Core Paths and length of promoted active travel routes	Increased length of paths & active travel routes; particularly in urban/semi-urban areas; increased path & active travel connectivity	ongoing	Ongoing.		
7.1d	Ensure connectivity of residential areas with local sustainable transport modes, including buses / bus stops, to reduce reliance on the car; maps of routes available to new residents to encourage active travel	LTS	Roads Services; Transport Services; Planning Service; Connected Communities / Area Partnerships and other partners	As per LTS	As per LTS	As per LTS	ongoing	APs and Connected Communities teams can promote active travel but do not lead on planning transport. Some concerns that new housing developments on outskirts of towns without public transport links in place are encouraging car use (e.g. Wallyford) and increasing isolation for those without cars.		
7.1e	Implement the objectives of the Open Space Strategy to ensure Quality Open Space (amenity open space), which functions in climate change mitigation and adaptation	Open Space Strategy (OSS)	Sport, Countryside & Leisure	'Quality of Urban Greenspace' Landscape Audit Management System (LAMS) score		All amenity open space at 60% quality standard; all parks at 70% quality standard; maintain and improve LAMS scores	ongoing	Ongoing. We continue to implement the Open Space Strategy and achieve these objectives, as evidenced by successful 'In Bloom' entrants for example. The Open Space Strategy is currently under review and work has commenced on our next Open Space Strategy, which will include key outcomes and actions in relation to tackling the Climate and Nature Emergencies, including climate change mitigation and adaptation.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.1f	Vacant or Derelict Sites: Encourage the local community to identify vacant or derelict sites and work in partnership to improve these to the benefit of the appearance of the local area, biodiversity and potentially community growing projects	LDP; Vacant and Derelict Land Survey; Open Space Strategy (OSS); Area Plans	Sport, Countryside & Leisure; Connected Communities; Area Partnerships; partners				2025 / ongoing	Not many Council-owned vacant sites, although community groups have come forward interested in progressing this at some locations and we are working to support them where possible and feasible. Investigating opportunities that may arise through development of the Local Food Growing Strategy. Connected Communities will participate in the food growing strategy group to ensure local communities are engaged. (Amenity Services leading on this) Strong demand for community gardens, allotments/ food growing. East Lothian Friendly Food Network will be helpful to promote these opportunities, encourage healthy eating and reduce food waste.		
7.1g	Support community led regeneration, including bringing empty properties back into use, to improve town centres and rural areas	Local Housing Strategy (LHS)	Housing Strategy; Economic Development				2023	A Review of Empty Homes was completed in 2019. The Scottish Government are currently reviewing funding arrangements for bringing Empty Homes back into use. No progress has been made as of December 2022. This action will be reviewed as part of preparation for the LHS 2023-2028 and be in accordance with the Housing to 2040 Strategy by the Scottish Government.		
7.1h	Support community initiatives such as cooking classes, community kitchens, food growing, community entertainment to reduce the need to travel and support vibrant and sustainable communities	Area Plans	Area Partnerships; Connected Communities Food Friendly East Lothian network established	Community initiatives supported by the Council		Number of community initiatives supported by the Council	Ongoing	Community cookery classes taking place in some community centres, including Wallyford and Whitecraig, working with Cyrenians. East Lothian Food Friendly Network and Pennypit Trust (operating in PSG and Fa'side) also promoting cookery classes in communities. Aiming to roll out more widely in other areas.		
7.1i	Work with partners to promote sustainability and reducing the carbon footprint of local sporting activities in our communities		Sports Development; partner organisations	Number of sports clubs implementing 'sustainability statements'		Increasing number of local sports clubs implement 'sustainability statements'	Ongoing	Launch of East Lothian Kit Stop across Secondary Schools and Sports Centres encouraging re-use of sports equipment and clothing. Initial discussion at Community Sports Hubs regarding options for sustainability and mitigating measures to be further developed in 2023.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.1j	Awareness-raising campaign aimed at home owners / occupiers to enhance garden ground to tackle climate change mitigation, adaptation and sequestration, and enhance biodiversity (including the planting of native trees / appropriate shrubs; provision of food growing space / fruit trees); encourage homeowners not to replace garden ground with hard-standing or artificial turf		SECCO; partners	Publicity campaign implemented	No publicity campaign in place	Publicity campaign implemented to raise awareness	2025	Awareness-raising campaign is under consideration. Promotion of tree planting in garden ground through the Council's support for the 'Queen's Green Canopy' tree planting initiative (which also includes tree planting on public and privately owned land). Investigating opportunities that may arise through development of the Local Food Growing Strategy. Launch of East Lothian Kit Stop across Secondary Schools and Sports Centres encouraging re-use of sports equipment and clothing. Initial discussion at Community Sports Hubs regarding options for sustainability and mitigating measures to be further developed in 2023.		
7.1k	Work with partners to take opportunities to improve water management, including rainwater harvesting and grey water harvesting, and creation and enhancement of blue infrastructure for both carbon off-setting and natural flood management	LDP; SUDS Guidance; Green Network Guidance	Amenity Services; Planning Service; Sport, Countryside & Leisure	Development Proposals / Pre Application advice; open space enhancement	LDP Delivery Programme, Open Space Strategy	Number of watercourses enhanced or SuDS implemented in an environmentally sympathetic manner	2025	Blue/green network and blue/green infrastructure enhancements under consideration by internal Green Network Working Group, including natural flood management opportunities. All SuDS Designs in Planning Applications are assessed for compliance with Council's SuDS Design SPG. Countryside Rangers supporting the delivery of Restoration Forth, which aims to restore and enhance seagrass meadows at Tynninghame.		
Key Priority Area 2: Planning for New Developments										
7.2a	Enforce Planning Condition for all relevant development proposals to report on the actions to be taken to reduce the Carbon Emissions from the build and from the completed development, including the provision of renewable technology and infrastructure for new car charging points	Planning Condition	Planning Service; Building Standards	Reports submitted on actions to reduce carbon emissions from new developments		All relevant development proposals to submit reports on the actions to be taken to reduce carbon emissions	2020 / ongoing	Where possible, the Planning Authority encourage applicants to submit their carbon emission reduction reports as part of their planning application. Planning officers continue to seek to ensure that our carbon emission reduction condition is complied with and would consider whether it was expedient to take enforcement action should the condition be breached.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.2b	Progress embedding the Just Transition to Net Zero into the planning process through our next Local Development Plan for example by pursuing low carbon heating from the groundwater heat source from our coalfields, and Climate Resilient new developments adapted for future climate change impacts	Next LDP; National Planning Framework	Planning Service; national partners	Just Transition to Net Zero is being embedded into next LDP		Progress embedding Just Transition to Net Zero into next LDP	2025	The East Lothian Local Development Plan (LDP) was adopted in September 2018, and is 'in-date' until 2023. The Planning Policy and Strategy team is completing a work package on integrating climate change issues into the LDP in accordance with the soon to be adopted National Planning Framework 4. The next step will be the production of an Evidence Report, which will set out where we are now, and how we intend to take forward this work. Consultation will be carried out on the Evidence Report. In addition, we are currently exploring the feasibility of mine water geothermal heat options in our former coalfields; and we are exploring options to progress low/zero carbon heat and energy sources for housing.		
7.2c	Implement the Local Development Plan policies and Supplementary Planning Guidance on Green Networks, Sustainable Drainage Systems (SuDS), open space, allotments, active travel and sustainable transport connectivity in new developments, Travel Plans for residential and non-residential developments, green corridors for people and wildlife; encourage developers to facilitate the restoration of degraded watercourses, where possible	LDP and Supplementary Planning Guidance; Green Network Strategy SPG; Design Standards for New Housing Areas SPG (in prep); Open Space Strategy	Planning Service; Sport, Countryside & Leisure	As per LDP policies and Supplementary Planning Guidance	As per Local Development Plan policies and Supplementary Planning Guidance	As per LDP policies and Supplementary Planning Guidance	Ongoing to 2025	Ongoing. The Policy and Strategy team are at the early stages of reviewing the effectiveness of LDP policy in meeting its aims, and identifying any challenges for implementation. This will include reviewing outcomes on Green Networks, SuDS, active travel and sustainable transport connectivity in new developments.		
7.2d	Include key elements of Design Standards for New Housing Areas Supplementary Planning Guidance (SPG) and Green Network Strategy in next LDP. Until such time implement SPG in new development.	LDP	Planning Service	Design Standards for New Housing Areas SPG prepared and implemented	Draft produced in 2018/19	Design Standards for New Housing Areas SPG implemented	2020 / ongoing	Ongoing. Central Scotland Green Network remains as a national development in NPF4 (as laid before Parliament). There are reference to Green Networks and green and blue infrastructure throughout the document.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.2e	Explore Net Zero town of the future, including by pursuing low carbon heating from the groundwater heat source from our coalfields, and a Climate Resilient new town that is adapted for future climate change impacts	City Deal	Development Planning; partners				2025	We have commissioned a mine water geothermal feasibility study that is now largely complete. Its findings to date are that, whilst there is an opportunity for a demonstrator at Prestongrange Industrial Heritage Park, pilling works to develop that site have impacted the surface discharge that may have been utilised as an innovative means of accessing mine water heat; the Energy Transformation Board has decided that more conventional methods there are not affordable. Across the Coal field, opportunities exist at Craighall, Wallyford, Tranent, Blindwells and Cockenzie. The Energy Transformation Board decided to focus on Cockenzie as Hargreaves is progressing Blindwells with Zero Waste Scotland and the Coal Authority. The study has revealed two potential abstraction sites at Cockenzie, with scope for two District Energy Networks, in addition to the potential at Blindwells. Together the energy opportunity in that area is circa 6-9MW (circa 2.5MW at Cockenzie and 5-6MW at Blindwells). The next steps are to test the hydrological connectivity between Blindwells and Cockenzie and to consider the design of DENs and any scope for ELC off-takers for both sites, and to engage with the Coal Authority, Zero Waste Scotland and SEPA, pursuant to potential business case development.		
7.2f	Explore the opportunity to include a policy requirement for developments to plant native woodland to mitigate against climate change and off-set emissions	Next LDP	Planning Service; Sport, Countryside & Leisure; national partners	Work to inform new policy development			2025	This is being considered during the development of the Local Development Plan and Forest and Woodland Strategy. NPF4 Policy 1 requires significant weight to be placed on climate change mitigation and adaptation issues. Policy 2 b states "development proposals will be sited and designed to adapt to current and future risks from climate change". Policy 3 on biodiversity notes that for national, major and EIA development assessment of effects is required which will be suitably mitigated according to the mitigation hierarchy, including enhancement of nature networks within and beyond the development. This is likely to result in woodland creation in relation to development being easier to achieve. A group is being set up to look at carbon offsetting in general. The Tree and Woodland Strategy may include requirement to offset carbon stored in trees or woodland that is removed, as well as their replacement with a younger tree, as this does not have the same climate mitigation impact as a mature tree.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.2g	Evaluate our next LDP with a view to achieving the Net Zero Carbon emissions target by assessing development location in relation to transport, preventing loss of trees and topsoil areas, and woodland planting proposals linked to development	Next LDP	Planning Service; partners	Evaluation process progressing			2025	This will be considered in due course through the LDP process.		
Key Priority Area 3: Local Food Growing										
7.3a	Prepare and implement a Local Food Growing Strategy for East Lothian, to ensure that allotment sites in East Lothian are of a sufficient quantity and quality to meet the needs and aspirations of local residents, including in new developments; support and promote local food growing initiatives		Amenity Services	Preparation of Local Food Growing Strategy		Local Food Growing Strategy implemented	2022	Local food growing initiatives are supported in our communities by the Area Partnerships, and community-led initiatives are underway across some communities. Lack of staff capacity has impacted on timescales for development of the Local Food Growing Strategy. We have a bank of existing allotments that we maintain but recognise the need for further / additional opportunities for food growing. We are always seeking to identify suitable sites for allotments and food growing spaces and we are committed to achieving that through the Food Growing Strategy and the delivery of our next Local Development Plan.		
7.3b	Plant and manage community orchards / community fruit growing in partnership with communities; including planting apple trees alongside core paths – ‘Apple Core Paths’ – for community benefit	Local Food Growing Strategy (in prep); Area Plans	Sport, Countryside & Leisure; Area Partnerships; communities	Number of apple trees / fruit trees planted and managed		Increased number of apple trees / fruit trees planted and managed	2025	Ongoing. Encouraged and supported by Amenity Services. Orchards have been progressed with community groups including at Lewisvale Park, Musselburgh.		
7.3c	Investigate options for working in partnership with our communities to bring areas of suitable urban land into use for local food growing, including private gardens and vacant land	Local Food Growing Strategy (in prep)	Sport, Countryside & Leisure; Area Partnerships; communities	Progressing options		Progressing options to bring areas of suitable urban land into use for local food growing	2025	Local food growing initiatives are supported in our communities by the Area Partnerships, and community-led initiatives are underway across some communities. Land availability for new allotment sites is an issue, as much of the potentially suitable land is in private ownership, however we are always seeking to identify suitable sites for allotments and food growing spaces and we are committed to achieving that through a Food Growing Strategy and the delivery of our next Local Development Plan. Connected Communities teams will be engaged with this through the food growing strategy, along with community groups, members of the East Lothian Friendly Food Network.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.3d	Work with partners to investigate opportunities for implementing a distribution network for surplus food growing production		Amenity Services; local partners	Progressing opportunities		Progressing opportunities for food distribution network	2025	Fareshare Hub established during lockdown now well established and operating from Aldhammer House basement, managed by the Pennypit Trust. Initial aim was to distribute surplus supermarket food - such supplies have reduced since Brexit. (Increased number of community based pantries since COVID, cost of living crisis etc.)		
Key Priority Area 4: Awareness Raising and Engagement										
7.4a	Explore options to identify how best to engage and ensure representation across all sectors of East Lothian's community, to involve our communities in the local planning of our Climate Emergency Response (e.g. Citizens' Assembly; Climate Change Forum / Network)		CCPMG; SECCO; external partners	Options appraisal involving all sectors of East Lothian's community		Appropriate citizens' engagement forum is established and functioning	2022	ELC's Sustainability & Climate Change Officer is working closely with East Lothian Climate Action Network to support and understand the need and work of community groups. Regular contact is held with the Area Partnership and Community Councils through attending meetings and holding workshops. East Lothian's community will have the opportunity to influence the next Local Development Plan through Local Place Plans.		
7.4b	Produce a Communications Plan setting out our awareness-raising and engagement proposals		SECCO; Corporate Communications	Production of Communications Plan		Communications Plan produced and implemented	2022	Internal communication and engagement plan is strong. A 'Green Corner' has been formed in ELC's internal staff newsletter inform. This is updated regularly through articles and green tips from staff. The Climate Change Planning & Monitoring Group are regularly updated by the Sustainability & Climate Change Officer - updates this year includes summaries of the latest IPCC reports and UK Climate Change Committee reports. Further, a pilot of carbon literacy has been delivered and is planned to be rolled out more widely to all council staff in 2023. A new E-Learning in climate emergency has been developed and currently being trialled with a small cohort. The Sustainability & Climate Change Officer has further attended other Services 'get away' days to talk about incorporation of climate action in their service.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.4c	Develop an East Lothian Climate Change Charter, setting out what the Council will do and what communities / individuals can do to tackle climate change and reduce emissions		SECCO; Corporate Policy & Improvement	Production of East Lothian Climate Change Charter	Currently promoting the #make a difference theme	Publication of East Lothian Climate Change Charter	2022	ELC has launched its new climate emergency website which is focused on how to get involved and tips for climate action for both community groups and local businesses. ELC published its Public Bodies Climate Change Duties Report to the Scottish Government on the Member's Library for the public to read. The annual update/progress of the Climate Change Strategy and Action Plan is also made available for the community on ELC's climate emergency website.		
7.4d	Support and help to promote national campaigns, including the Scottish Government's 'Greener Scotland' campaign, to consider the carbon footprint of our everyday lifestyle and behaviour choices		SECCO; Corporate Communications; partners	Participation in national promotional campaigns; social media engagement	Currently participate in Scotland's Climate Week, Earth Hour etc.	Participation in national promotional campaigns; social media engagement	Ongoing to 2025	ELC has been participating in community evening meetings to talk about the energy crisis and support available. The Council's new climate emergency website has been changed to support engagement and refers to tips for both businesses and community groups to adopt a more low carbon living		
7.4e	Work in partnership with Community Councils, Area Partnerships, TRAs and other local groups and organisations to encourage and assist all areas of East Lothian to become involved in taking forward sustainability and promoting a low carbon lifestyle in their local area	Area Plans; Community Council plans etc.	SECCO; Strategy & Development; Connected Communities / Area Partnerships and other partners; Corporate Policy & Improvement	Actions incorporated into Area Plans and other community plans	Several Area Plans already include actions to tackle climate change	All Area Plans and other community plans include sustainability / plans to tackle climate change	Ongoing to 2025	Area Partnerships reviewing Area Plans to ensure climate change highlighted - good general awareness of the issue and concern. ELC's Sustainability & Climate Change Officer is providing climate emergency workshops for APs to support integration of climate action in their Area Plans. Such as workshop was delivered autumn 2022 to North Berwick Coastal Area Partnership. More workshops will commence 2023, starting with Musselburgh AP.		
7.4f	Set up a network of 'Green Champions' in our communities to help promote sustainability, raise awareness and encourage engagement with the move to a low carbon lifestyle		SECCO; Waste Services; CCPMG; community partners	Network of community 'Green Champions' set up	Many local groups etc. already taking this agenda forward	Network of community 'Green Champions' set up	2022	A green network champion's network has not yet been set up. However, Carbon Literacy is now made available for all Council staff after piloting it with 9 staff members autumn 2022. Further, climate emergency is included in the staff induction in which new staff members are encouraged to share their green tips.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.4g	Set up a dedicated page on the Council's website to function as a central information point for directing people to information on the transition to a low carbon lifestyle and a Net Zero East Lothian; increase awareness of the impacts of climate change and what individuals / homeowners / employers can do to adapt	Climate Change Strategy; Resilient Communities initiative	SECCO; Corporate Communications; partners	Central information point set up on Council's website	Climate change information & links currently on Council website	Central information point set up on Council's website	2022	Completed.		
7.4h	Undertake an awareness raising campaign to promote tackling climate change, reducing emissions and how everyone can #makeadifference ; including information provision and promoting behaviour change		SECCO; Corporate Communications	Awareness levels measured via Scottish Household Survey	74% of adults in 2018	Increasing levels of awareness	Ongoing to 2025	No progress to update.		
7.4i	Work with partners to provide information, training and support for residents, communities and businesses and share best practice to help inspire action across the county		CCPMG; SECCO; external partners	Awareness levels measured via Residents' Survey	74% of adults in 2018	Increasing levels of awareness	Ongoing to 2025	Now that COVID restrictions have been lifted we have seen a return to use of parks and greenspaces for events. We continue to support these events as appropriate.		
7.4j	Community Events, Education and Training Programme: Continue to support the use of greenspaces and community meeting places by local groups and organisations for holding appropriate local events and activities, promote opportunities to encourage a sustainable lifestyle, undertake education and awareness-raising activities and training.	Open Space Strategy (OSS)	Sport, Countryside & Leisure; partners	Number of local events, training and initiatives; number of participants at events / training		Increased number of local events, training and initiatives; increased number of participants at events / training	Ongoing to 2025	No update of progress.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.4k	Community Involvement: Encourage and support the formation of local volunteer groups, such as “friends of” or “in bloom” groups to support the enhancement of specific open space	Open Space Strategy (OSS); Countryside Site Management Plans	Sport, Countryside & Leisure; local groups; partners	Local volunteer groups, such as “friends of” or “in bloom” groups underway	As per OSS and Countryside Site Management Plans	Local volunteer groups, such as “friends of” or “in bloom” groups underway and supported; as per OSS	Ongoing to 2025	In Bloom' groups and 'Friends Of' groups continue and we continue to support and encourage these groups. Actively support local groups and with new EL Climate Action Network		
Key Priority Area 5: Climate Adaptation: Climate Ready Communities										
7.5a	Increase community and individual resilience	Resilient Communities network	Protective Services; Emergency Planning, Risk & Resilience Team; Connected Communities	Proportion of Community Councils with local Community Resilience Plans (currently 40% in 2018/19)	10% (2016/17)	75% (2022)	2022	The Emergency Planning and Resilience team are engaging with Community Councils with opportunity of encouraging all CC's to appoint Resilient Community SPoC's and deputies. Support and guidance will continue to be given to all Resilient Communities.		
7.5b	Set up a Climate Change Adaptation network for East Lothian, based upon the Resilient Communities network already established	Climate Change Strategy; Resilient Communities network	SECCO; Protective Services; Emergency Planning, Risk & Resilience Team; Connected Communities / Area Partnerships and other community partners	Establishment of a Climate Change Adaptation network for East Lothian	Resilient Communities network	Climate Change Adaptation network is set up for East Lothian	2022	Connected Communities teams have raised awareness of this CCA network via the Area Partnerships and local community networks. A workshop is also planned end of March with Adaptation Scotland and key services of East Lothian Council		
7.5c	Community Councils will be encouraged to elect Single Points of Contact (SPoCs) for Climate Change Adaptation		SECCO; Protective Services; Emergency Planning, Risk & Resilience Team; Connected Communities / Area Partnerships and others	Single Points of Contact (SPoCs) identified for Climate Change Adaptation		Every Community Council has a Single Point of Contact (SPoC) for Climate Change Adaptation	2022	Connected Communities are working with the Council's Sustainability & Climate Change Officer to address this through the Association of East Lothian Community Councils.		

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Indicator	Baseline	Target (where applicable)	Target date	UPDATE: DECEMBER 2022	Tracker	Notes
7.5d	Work in partnership to support and assist our communities to prepare Climate Ready Response Plans for their area		SECCO; Connected Communities; Protective Services; Emergency Planning, Risk & Resilience Team	Climate Ready Response Plans in place for communities	Community Resilience Plans already in place in several communities	Climate Ready Response Plans in place for all communities	2022	Connected Communities are working with the Council's Sustainability & Climate Change Officer to address this through the Association of East Lothian Community Councils.		
7.5e	Raise awareness and understanding of climate change impacts among East Lothian's communities, and improve capacity to respond to climate risks; work in partnership with local employers, landowners, voluntary groups, and community planning partners including Emergency Responders	Climate Change Strategy; Severe Weather Response Plan	SECCO; Connected Communities; partners including Adaptation Scotland, community planning partners	Climate Adaptation awareness-raising campaign / promotion; awareness levels among local population (measured in Residents' Survey)		Climate Adaptation awareness-raising campaign / promotion in place; awareness levels increasing among local population (measured in Residents' Survey)	Ongoing to 2025	ELC's Sustainability & Climate Change Officer has made contact with Adaptation Scotland and Sniffer to support this. Work will commence 2023 with an internal audit of projects and relevant policies across Council Services that addresses climate change adaptation. A Capability Framework Workshop is planned to be held end of March 2023, in which actions raising awareness among communities will be addressed.		
7.5f	Progress the Musselburgh Flood Protection Scheme	Flood Risk Management Strategy	Structures & Flooding Team; national & local partners	Progress implementation of Musselburgh Flood Protection Scheme		Musselburgh Flood Protection Scheme is progressed	Ongoing to 2025	<p>Musselburgh Flood Protection Scheme Stage 4 - Outline Design progressing.</p> <p>New timeline for progress approved at Council Meeting in October 2022.</p> <p>New hydraulic modelling stage outlined and approved at Council Meeting in October 2022, which will provide model outputs for several climate change uplift scenarios, for both river and coastal flood risk, for the outline design stage.</p>		
7.5g	Progress the Haddington Flood Protection Scheme	Flood Risk Management Strategy	Structures & Flooding Team; national & local partners	Progress implementation of Haddington Flood Protection Scheme		Haddington Flood Protection Scheme is progressed	Ongoing to 2025	A Natural Flood Management Report has been completed for Haddington. Nationally, a review is being undertaken as to what schemes will be progressed as "priority" schemes and whether funding mechanisms will be altered within the 2022-28 flood risk management cycle. Progress of the Haddington FPS is dependent on funding mechanisms.		

Appendix 4: Suggested actions to be added to the Climate Change Strategy Action Plan

For approval by Council:

Action 1.1h, 1.6i and 2.1j.

Ref	Action	Relevant Strategy / Plan	Lead Service	Indicator	Baseline	Target (where applicable)	Target date	Officer(s) to respond	UPDATE: DECEMBER 2022	Notes
Outcome 1: East Lothian Council will be a Net Zero and Sustainable Council										
Key Priority Area 1: Leadership and Governance										
1.1h	Annual assessment of East Lothian Council's response to climate change adaptation.	Climate Change Strategy; ELC Public Bodies Climate Change Duties Reporting; Corporate Risk Register	CCPMG	Annual Capability Framework Workshops with key services across the Council	Tbc after April 2023	Robust overview and understanding of the Council's cross-departmental response to adapt to climate change.	Annually	Sustainability & Climate Change Officer alongside CCPMG	A Local Climate Impacts Profile of East Lothian (2000-2010) was carried out in 2000. An initial capability framework benchmarking exercise for ELC was carried out in 2020. Annual capability framework workshops with representatives from across key Council-Services was suggested as a Top 50 Council Indicator autumn 2022. Since then contact has been made with Adaptation Scotland to set up a workshop in March and pre-work of mapping Council climate change adaptation action has commenced.	
Key Priority Area 6: Reduce Emissions across our Transport Fleet and Staff Travel										
1.6i	Work with staff to reduce their commuting emissions	Climate Change Strategy; Local Transport Strategy; Public Bodies Climate Change Reporting	Road Services and CCPMG	Annual staff commuting survey	2019/2020: Commuted mileage = 16,424,541 Total tCO2e from staff commuting = 3,821.3	tbc	Annually	Sustainability & Climate Change Officer with support from Road Services	Data collected in late summer 2022 shows the following data for staff commuting: 2019/2020 (n=197, N=3,821): Commuted mileage = 16,424,541 Total tCO2e from staff commuting = 3,821.3 2021/2022 (n=377, N=4,056) Commuted mileage = 9,478,388 Total tCO2e from staff commuting = 1,611.7	