Policy and Sustainability Committee

10am, Tuesday 10 November 2020

Short Window Improvement Plan Progress Update

Item number Executive/routine Wards Council Commitments

1. Recommendations

That the Committee note -

- 1.1 the update on progress towards delivery of the Council's Sustainability Short Window Improvement Plan, and that future updates on specific actions will be reported to the appropriate Council Committee,
- 1.2 timeline for development of a 2030 sustainability strategy for the city, including a report outlining high-level priorities to be brought to Committee in December,
- 1.3 the development of a Carbon Scenario Tool and phased approach to roll-out, and
- 1.4 that a proposed approach to reporting on the Council's 2030 net zero target will be brought to Committee in December, ahead of the first progress report on the 2030 target, due in March 2021.

Andrew Kerr

Chief Executive

Contact: Paula McLeay, Policy and Insight Senior Manager

E-mail: paula.mcleay@edinburgh.gov.uk| Tel: 07903 721805

Short Window Improvement Plan Progress Update

2. Executive Summary

- 2.1 This report provides a summary of progress on delivering the sustainability improvement actions set out in the Council's sustainability Short Window Improvement Plan (SWIP), which was agreed by Committee in October 2019.
- 2.2 The SWIP comprises 37 actions, including 8 priority actions, which cut across 14 service areas. Of these 37 actions:
 - 9 are complete, with future delivery and reporting arrangements in place
 - 13 are making good progress, with minimal delays solely due to unavoidable Covid impacts
 - 15 are facing slightly more significant delays, but with mitigation/management actions in place
- 2.3 Further detail on progress, the impact of Covid, carbon impact, and next steps are provided at Annex A.
- 2.4 The SWIP details improvement actions which are *in addition* to the Council's core sustainability activity. An update on that wider sustainability programme was provided to Committee on 23 July, and will be followed by reports to December Policy and Sustainability Committee outlining the approach to development of a 2030 sustainability strategy for the city, and for reporting on the 2030 net-zero target.
- 2.5 The report also provides an update on the development of a Carbon Scenario Tool, designed to support tracking progress towards the Council's 2030 target, and to provide information on the carbon and other impacts of major projects, in order to support Council decision-making.

3. Background

3.1 In May 2019, the Council set an ambitious target for the city to become net-zero by 2030. As part of the sustainability programme which was subsequently developed, the Policy and Sustainability Committee agreed a 'Short Window Improvement Plan' (SWIP) in October 2019. The plan looked across the work of the Council and identified a set of actions which the Council could initiate within a short timeframe, in order to immediately improve the organisation's approach to sustainability.

- 3.2 As such, the SWIP represents *additional* action on sustainability which complements the mainstreaming of the carbon target into major programmes already underway and in development across the organisation. These wider programmes were described in the sustainability programme update provided to committee on 23 July and include decarbonising transport; city development; sustainable urban regeneration; housing; citizen engagement; and innovation through participation in the Climate KIC Healthy Clean Cities Deep Demonstrator programme.
- 3.3 This wider activity will help inform the Council contribution to a city-wide 2030 sustainability strategy which is currently being developed with partners. The strategy will draw on the Council's programme of sustainability-focused engagement with citizens and partners, including a Youth Summit held in February 2020, the launch of Edinburgh Talks Climate (an online citizen dialogue which will continue into autumn 2021), and a civil society online engagement event held in late summer 2020. Further engagement is planned over the coming months and as part of formal consultation on the sustainability strategy.
- 3.4 Following agreement of a draft strategy by P&S Committee in the new year, public consultation on a draft strategy will take place in spring/summer 2021 ahead of the final strategy being formally launched in autumn 2021 to coincide with CoP26 being hosted in Scotland. An update on the strategy's development, including outline strategic priorities informed by the Carbon Scenario Tool, will be brought to Committee in December.
- 3.5 The strategy will guide Council and city partner action on climate change in pursuit of the net-zero by 2030 ambition. A proposed approach to tracking progress on the 2030 target, including baseline scope and reductions trajectories to 2030, will be brought to Committee in December, ahead of the first progress report on the new target due in March 2021. A timeline for the strategy's development is provided at Annex B.

4. Main report

Short Window Improvement Plan

- 4.1 The SWIP comprises 37 actions, which cut across all 14 of the Council's major service areas. Within those 37 actions, eight high impact actions were identified across the programme, covering transport, housing, procurement, education and tourism.
- 4.2 Of the 37 actions:
 - 9 of the commitments are complete, with future delivery and reporting arrangements in place (RAG blue)
 - 13 are making good progress, with minimal delays solely due to unavoidable Covid impacts (RAG green)
 - 15 are facing slightly more significant delays, but the plan identifies mitigation/management actions in place (RAG amber)

- 0 are delayed and require immediate intervention (RAG red)
- 4.3 A full description of all 37 improvement actions, along with updates on progress and RAG ratings, are detailed at Annex A.

High Impact SWIP actions

- 4.4 Eight SWIP actions were identified as high priority. Of those eight:
 - 2 are complete, with future delivery and reporting arrangements in place (RAG blue)
 - 3 are making good progress, with minimal delays solely due to unavoidable Covid impacts (RAG green)
 - 3 are facing more significant delays, but with mitigation/management actions in place (RAG amber)
 - 0 are delayed and require immediate intervention (RAG red)
- 4.5 Significant progress has been made across high-impact actions in relation to sustainable housing, procurement, engaging young people and city mobility. Detail on progress towards those, and all other SWIP actions, is provided at Annex A. This report focuses where there have been particular challenges and a summary of progress towards high-impact actions rated as amber is given below.

Transport

4.5.1 (T4) Expand and accelerate measures to reduce pollution and improve air quality (RAG amber)

The expansion and acceleration of pre-Covid plans has been significantly impacted by the pandemic. Open Streets events were cancelled altogether this summer. Plans for resuming events in the future have been developed and are being kept under review. In the interim, Spaces for People will deliver temporary improvements to public realm and active travel routes in response to Covid 19, these measures will be kept under review and may become permanent. Further acceleration and/or expansion of City Centre Transformation projects will require significant external funding and the development of associated business cases.

Progress has been made in relation to Low Emissions Zones and the Council is working with Scottish Government and other partners to develop a LEZ, which will be reported to T&E Committee. The Council has also been successful in securing the full £450K revenue grant for Smarter Choices, Smarter Places, which will deliver a programme of projects focusing on behaviour change, active travel, and reducing single occupancy car use.

4.5.2 (T6) Expand and accelerate provision of electric vehicle charging infrastructure, beginning with Council facilities (RAG amber)

Phase 1 of the Electric Vehicle (EV) On-Street Charger Project will see a total of 66 chargers installed. These include rapid, fast and slow chargers, located across 14 hubs within the city. The Council was successful in securing £2.3m of funds through Transport Scotland for May 2019-2021 to

support this expansion. To mitigate delays to the project which were compounded by Covid, the Council acted to secure accrual agreement, ensuring the funds are available over a longer three-year period. The project is now entering the procurement and installation phase, with a procurement plan in place and the market being engaged in Autumn/Winter 2020.

Phase 2 of the project identified a need for a further 145 on-street chargers. The size, type of charger and locations will be subject to a feasibility study and rolled out line with our City Mobility Plan. The Council will also explore options for future transport infrastructure, including mapping, designing and exploring a business case for public and private sector investment in city wide EV infrastructure - sited to support a 'to, not through' approach to private vehicles as part of an integrated public transport network. Future updates will be provided to the T&E Committee.

<u>Tourism</u>

4.5.3 (Tr17) Finalise a new tourism strategy for Edinburgh to focus on a sustainable approach to the visitor economy (RAG amber)

The Council endorsed a new tourism strategy in January 2021, which includes "our environment" as one of its five core themes. In response to the Covid pandemic and associated lockdown, a Tourism and Hospitality Sector Recovery Plan was approved by Committee in June 2020, and recovery continues to be the main concern of the sector. Implementation of the Tourism strategy agreed in January will be impacted as a result; however, in June the Committee also approved a recommendation that the recovery of tourism must be in line with the Council's 2030 climate target. The work the Council carries out in this sector will focus on supporting a fair and green recovery from Covid, with this being overseen through the Council's Adaptation and Renewal Programme.

Remaining 29 SWIP actions

- 4.5.4 In addition to the eight high-impact SWIP actions described above, a further 29 relate to additional activities across planning, transport, housing, energy/operational estate, education, culture, economic development, waste and recycling, greenspace, biodiversity, exemplar organisation, and communities and partners.
- 4.5.5 Of these 29: 7 are complete (blue), 10 are making good progress (green), 12 are experiencing more significant delays (amber), and 0 require immediate intervention (red). Full details for each action and progress towards it are provided at Annex A and progress is summarised by theme below.
- 4.5.6 Planning: Good progress has been made, including the completion and approval of a new Design Guide, and Choices for City Plan 2030 scheduled to be presented to Committee in December 2020.
- 4.5.7 Transport: Replacement of diesel vehicles with electric vehicles is delayed by approximately 6 months, but over 50 electric vans and cars have been added to the Council fleet, and additional procurement is underway.

- 4.5.8 Housing: Review of the City Deal skills programme proposals to deliver lowcarbon construction skills is complete, with anticipated positive impacts on employability and upskilling.
- 4.5.9 Energy/Operational Estate: Target buildings are being identified for installation of solar PV hardware during the 2021 works programmes, and funding is in place to assess the feasibility of deep energy retrofit in the Council's operational estate. In addition, Passivhaus energy efficiency standards have been formalised as a design requirement, and several Passivhaus projects are under development. Progress on climate adaptation of the operational estate has slowed due to Covid 19.
- 4.5.10 Education: The replacement of water coolers in schools with plumbed-in drinking water has been slowed due to Covid while contractors were furloughed.
- 4.5.11 Arts, Culture, Festivals: A draft protocol is being developed for culture venue owners to ensure greater emphasis on sustainability, and all Strategic Partner funding agreements for 2020/21 include Carbon Management Plan commitments.
- 4.5.12 Economic Development: Plans are in place to ensure further development of partnerships for businesses in the sustainability and circular economy sectors, and mainstreaming of sustainability in conferences and conventions industry post-Covid.
- 4.5.13 Waste & Recycling: Phase 1 of Communal Bin Enhancement is expected to roll-out in January 2021, with completion expected early 2022. Business Gateway continue to support Edinburgh Social Enterprise Network to promote community repair and refurbishment services.
- 4.5.14 Parks, Greenspace & Cemeteries: The Thriving Greenspaces project anticipates launching final consultations and reporting to Committee between January-May 2021.
- 4.5.15 Biodiversity/Green Infrastructure: A Local Development Spatial Plan that will enhance ecological networks for carbon sequestration and a new biodiversity policy for the LDP are being developed for December 2020. A draft Water Management Vision is due to be presented to T&E Committee in November 2020.
- 4.5.16 Organisational: A Carbon Scenario Tool, which enables carbon footprinting of major projects, has been developed and is in testing. Ongoing communication and engagement to raise staff awareness of sustainability issues and support more sustainable choices in both professional and personal life is in place. Action to progress towards paperless working and to remove single use plastics from Waverley Court has been progressed and will be re-visited as post-Covid working practices allow.
- 4.5.17 Communities & Partners: With the exception of participatory budgeting, (which will be reviewed as part of the Adaptation & Renewal Programme), all actions are on track with minor delays due to Covid, or complete.

Strategic challenges

- 4.6 The SWIP actions show progress across the board, despite some being impacted by service restrictions, re-direction of staff capacity, or other challenges related to the impact of the Covid pandemic and associated lockdown on the Council and its partners. Areas which remain challenging include:
 - 4.6.1 Tourism moving from adaptation and renewal, to full implementation of the new Tourism Strategy (developed prior to Covid)
 - 4.6.2 Procurement moving from the new sustainable procurement strategy to shifts in purchasing behaviour within the changed operating environment presented by Covid
 - 4.6.3 Planning ensuring changes within planning guidance lead to sustainability improvements within the post-Covid development context
 - 4.6.4 Organisational change ensuring 'leading by example' improvements, such as paperless working and reducing single-use plastics, can be maintained within the new working environments emerging post-Covid
 - 4.6.5 Mainstreaming sustainability developing the tools and capacity to ensure sustainability is mainstreamed throughout all that the Council does
- 4.7 These challenges will be addressed through both the Council's Adaptation and Renewal Programme and action at the individual service level, and will require the balancing of issues including best value, carbon impact, sustainable economic growth and tackling inequalities. Mainstreaming sustainability will be supported by the development of a 'Carbon Scenario Tool' designed to support greater consideration of sustainability issues within key Council decisions and described in the remainder of this report.

Carbon Scenario Tool (CST)

- 4.8 The Council has worked with Edinburgh Centre for Carbon Innovation to develop a 'Carbon Scenario Tool' which will support city-wide and Council-specific emissions footprinting, enabling tracking towards the Council's 2030 target with the first progress report against the new target due in March 2021.
- 4.9 The tool will also support greater consideration of sustainability issues within key Council decisions by providing data on the carbon consequences of different proposed projects or programmes, and where possible, assessing their impact on other factors such as air quality allowing for greater transparency and comparison between different options.
- 4.10 The tool generates a dashboard report which can show a range of different indicators, including but not limited to :
 - 4.10.1 Embodied carbon the amount of carbon generated in the creation or construction of project components (be they houses, cars or other infrastructure)
 - 4.10.2 Capital cost the total capital cost associated with the project
 - 4.10.3 Operational carbon the amount of carbon the project will generate over a year and the cumulative impact of this by 2030

- 4.10.4 Other sustainability indicators these are graded positive or negative judgements based on available information; they are not currently quantified using more specific metrics due to the difficulty in considering for example, air quality indicators and measures of poverty, in a way which supports meaningful relative comparisons
- 4.11 Additional items which can be featured in the dashboard include annual energy and travel cost savings, and the contribution of individual carbon reduction projects to the city-wide and/or Council emissions.
- 4.12 The CST is currently at the testing stage and officers have applied it to elements of the SWIP, focusing on retro-fit of Council-owned housing initially, to generate sample outputs as an example of what the tool can generate. These have been shared with the Climate Emergency and Sustainability APOG through a briefing on the CST, with the same briefing currently being offered to political groups.
- 4.13 Officers from across the Council are working together to refine both the data which is input to the tool and the outputs which are produced. This will include making improvements to data visualisation to ensure outputs are useable within a range of contexts and will have maximum impact in terms of supporting improved decision-making.

Roll out and use of CST

- 4.14 Going forwards, not all activity will lend itself to being processed through the tool, as it requires particular datasets to be able to generate results and will also be limited by staff capacity. The tool is currently at the development and testing stage; however we envision it being used across future major developments on a phased basis, ultimately improving the information available to Committees when considering major development proposals.
- 4.15 Projects will be selected based on the following criteria, and processed subject to officer capacity and resources:
 - Council's own projects as a priority
 - Large budget spend
 - Potential large carbon impact on city-wide emissions
 - Strategic impact / wider ramifications for the city
 - Concrete projects that can provide sufficient levels of details
- 4.16 The Carbon Scenario Tool will also support aggregation of different project or programme scenarios to enable longer-term scenario planning for plotting and monitoring trajectories towards net zero targets. This capability will increase over time, as more projects and data are input.
- 4.17 The tool also supports both city-wide and organisation-specific footprinting and scenario planning, and the Council is currently leading work with the Scottish Cities Alliance and Scottish Government to consider roll-out of the Edinburgh tool to other Councils and ultimately other public and private sector partners. This work will also be of vital importance to Scottish Government in understanding the local action necessary to ensure delivery of the national 2045 net zero target, and officers are

discussing the potential for Scottish Government to provide financial support to help refine and further develop the tool for wider use.

5. Next Steps

- 5.1 Actions in the SWIP that are marked as Complete or on track to deliver will be mainstreamed into 'business as usual' within Council activities and reported on through established arrangements.
- 5.2 Future updates on specific actions will be reported to the appropriate Council Committee.
- 5.3 The Carbon Scenario Tool will be developed further and introduced on a phased basis across major developments, subject to prioritisation criteria and officer capacity.
- 5.4 Further reports on the development of a 2030 sustainability strategy for the city, and on the approach to reporting on the 2030 net-zero target will be brought to Committee in December.

6. Financial impact

6.1 There are no financial impacts arising from this report. Any financial impacts of individual SWIP actions are being considered by the relevant service area on a case-by-case basis.

7. Stakeholder/Community Impact

- 7.1 Consultation has taken place with all major Council departments in compiling this report, with services areas giving due consideration to public sector equalities duties in the preparation of improvement actions.
- 7.2 This report has been assessed in respect of the three elements of the Climate Change (Scotland) Act 2009 Public Bodies Duties. In summary, the proposals in this report will help improve social justice, economic wellbeing and environmental good stewardship.

8. Background reading/external reading

- 8.1 Policy and Sustainability Committee, 25 October 2019 <u>Short Window Improvement</u> <u>Plan</u>
- 8.2 Policy and Sustainability Committee, 23 July 2020 <u>Council response to Edinburgh</u> <u>Climate Commission and Sustainability Programme Update</u>

Appendices 9.

- Annex A Short Window Improvement Plan Progress Report Annex B Sustainability Strategy Development Timeline 9.1
- 9.2

Annex A – City of Edinburgh Council Sustainability Short-window Improvement Plan

RAG rating key:

Green	Project/task making good progress. Any delays minimal and solely due to unavoidable Covid impacts. The project is back underway and expected to deliver						
Amber	Project/task facing slightly more significant delays, but with mitigation/management actions in place.						
Red	Project/task delayed and requires immediate intervention. Mitigation actions not yet in place						
Blue	Project / task completed. Future delivery and reporting arrangements in place.						

RAG	Improvement priority	Detail	Update October 2020	Covid Impact	CO2e Impact	Resource Requirements <i>/</i> Next steps
	Planning					
	development plan policies in favour of sustainable growth, including the need for mitigation of carbon emissions, adaptation to the effects of unavoidable climate change, and ensuring spatial	infrastructure and sustainable drainage, renewable energy, transport, housing and other	 Development plan policies are under review, and are due to be presented to Planning Committee in December 2020. The current approach to spatial delivery of housing, economic development and travel is being reviewed through the development of City Plan 2030. Consultation on Choices for City Plan 2030 ran for slightly longer than originally planned – from Jan 2020 to April 2020. It included proposals for delivering netzero carbon buildings, active travel and public transport aligned with the City Mobility Plan (with the objective of creating a city where no citizen needs to own a car) and an objective of a sustainable city which supports everyone's physical and mental wellbeing. A report on consultation responses was prepared for the Planning Committee in August 2020. The Choices for City Plan 2030 is now expected to be presented to Committee in December 2020. 	Reporting on consultation responses delayed due to Covid.	Н	SWIP action due for completion when consultation responses go to Committee in December 2020 and development plan policies have been reviewed in December 2020. Future delivery through activity and reporting on City Plan 2030

P2. Review the Edinburgh Design Guidance to ensure sustainability is at the heart of the Council's stated expectations for the design of new developments.	er and will take this guidance provided to reduce energy cling and other low inimise the risk of risk data (where ater environment to national guidance ng systems (SUDs) and connectivity nodes relation to public d standards for new ith public transport : towards 'car-free' ening the guidance by Officers before	M	SWIP action completed.
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Transport and Mobility					
	The Council will promote integrated ticketing between all public transport modes (including cycle hire). The Council will prioritise within the City Mobility Plan, the development of partnerships to deliver strategically located transport hubs that link sustainable and shared transport modes (such as car clubs, bike-sharing, etc.) on a neighbourhood level to close transport gaps and provide 'last mile' solutions that complement the existing transport network.	Consultation on the City Mobility Plan (CMP) took place between January and April 2020 and focused on strategic priorities of enhancing public transport, people friendly streets, new developments and managing demand. Consultation results and key messages were reported to the Council's Transport and Environment Committee on 01 October 2020. The CMP aims to improve integration of public transport, including through contactless payment across all modes of public transport and across all operators. One of the proposed policies states:	Delay to Transport Scotland's Strategic Transport Projects Review	M	Publication of the final City Mobility Plan is expected in Q1 2021. Additional resources will be required to develop transport hubs.
		• Ensure smart contactless payment is enhanced and made more flexible and seek its introduction across all public transport and operators. We will also encourage the introduction of flexible fares, including child and group concessions, off peak and point to point options.			
		The Council was awarded £455,000 for Smarter Choices, Smarter Places 2020-2021, programme delivery is now underway on a range of projects to encourage behaviour change towards active and sustainable travel and reducing single occupancy car use.			
		The Council has also worked with partners on a strategic study on the feasibility of mobility hubs in the SEStran region, published in March, which identifies potential locations (and types) of mobility hubs as well as making recommendations for partnership working and identification of funding sources. SESTrans have developed a draft strategy for mobility hubs. The Council has undertaken a large-scale public engagement exercise and tested the favourability of major transport initiatives like integrated			

		transport hubs, with 78% of the 1,800 respondents being in favour and 8% opposed. The main issues report for the next local development plan, Choices for City Plan 2030, is being developed in parallel with the City Mobility Plan. It includes proposals for new transport infrastructure that will support city growth, including neighbourhood mobility hubs incorporating a range of sustainable and shared transport options.			
measures to reduce pollution and improve air quality through projects identified in	In connection with this work, the Council will explore opportunities to expand relevant transformation projects and approaches to other town centres in the city area on a phased basis,	The Council was awarded the full £450K revenue grant funding for 2020-21 toward the Smarter Choices, Smarter Places (SCSP) programme which will deliver a range of projects to encourage behaviour change towards active and sustainable travel and reducing single occupancy car use. The Council agreed to work with Scottish Government and partners to develop a Low Emission Zone (LEZ) scheme in Edinburgh, which would see emission reductions through vehicle engine controls. Updates, including indicative implementation timelines, will be reported to the Council's Transport and Environment Committee. The Council's <i>Spaces for People</i> project is delivering public realm and active travel route improvements to all town centres in response to Covid. This is a temporary response to assist minimise Covid 19 public health risks and help protect and support local businesses. These measures will be monitored and kept under review and may form part of permanent arrangements in the future. As part of the Granton Waterfront red development, the Council intends to create neighbourhoods that have public transport, active travel and green infrastructure built into the fabric of the development.	Cancellation of Open Streets events this summer Delay to development of CCT acceleration business case(s)	M / H	Further acceleration and/or expansion of CCT would require significant external funding and the development of associated business case(s).

T5. Accelerate the transition to electric vehicles within the Council's fleet as part of the Council Fleet review, and explore ways to reduce and rationalise Council vehicle use into the future.	The Council has increased its electric fleet vehicles from 25 in 2018, to 42 at present. A further 29 are due to be commissioned in October. This will take the Council's total electric fleet to 71. The Council is currently taking forward a fleet review, which aims to deliver a 100% electric car fleet by 2020, and a 100% electric van fleet by 2022/23. Agreement with trades unions on the installation of EV charging points in mobile trade workers' homes is required to deliver the 2022/23, and has begun. The Council will seek to bring forward trades' union discussions, with a view to accelerating delivery of the 2022/23 target.	Implementation of removal of diesel is currently being taken forward. The Council actively replacing smaller vehicles with electric vehicles, with various vehicle and charging point procurement exercises are underway, in addition to the delivery of 20 electric vans and 32 electric cars. Fleet are deploying these as rapidly as possible to departments. The electric road sweeper has been delivered, and fleet are looking at the next round of switched on fleets funding to source vehicles in the van/large van category. Viable alternative for heavy trucks are being explored, however this will be impacted by availability and technological developments, including the extent to which manufacturers move to hydrogen vs electric. Covid has seen increased been demand for vehicles to meet service requirements, and it is not clear how long this demand will be in place for. Some of this demand is being met with "spot hires" that are petrol or diesel vehicles. The objective is still to remove all diesel cars within the owned fleet (with the exception of the Civic cars) before the end of 2020, however there is likely to be some slippage due to the need to meet Covid-related demand increases over the shorter-term.	Delivery of vehicles delayed by up to 6-7 months due to Covid. Implementa tion of tool for rationalising the fleet (Telematics) has been delayed by up to 10 months.	н	Acceleration of the shift to electric vans would require earlier access to the 2022/23 capital programme. EV prices have been on a downwards trend, so purchasing vehicles earlier may come at greater cost. This will be monitored, and business cases developed if required
provision of electric vehicle charging infrastructure, beginning with Council	The Council has approved an EV Action Plan for increasing the provision of EV charging infrastructure as well as e-mobility options. The first phase will provide 66 on-street charging points through 14 hubs across the city. A business case for accelerating and/or expanding the planned programme will be developed. This will scope the potential for expansion and/or acceleration of EV infrastructure already planned, identify the level of resource required and consider any external funding that could be secured. The Council will enter into discussions with relevant public, private, commercial and retail sector organisations who have suitable space	through Transport Scotland for May 2019-2021 to support this expansion. To mitigate delays to the project which were compounded by Covid, the Council acted to secure accrual agreement, ensuring the funds are available over a longer three-year period. Phase 1 of the project (66 chargers, including rapid, fast and slow chargers) is now entering the procurement and installation phase, with a procurement plan in place and the market being engaged in Autumn/Winter 2020. An action plan has been developed with Scottish Power Energy Network (SPEN), to ensure roll-out of the project meets the	Phase 1 initially delayed; now entering procuremen t/installation phase. HCI Skills Gateway initially delayed.		Consideration of Phase 2 funding, scope and delivery options. Further development beyond Phase 2 will consider financing models and be taken forward through Climate

scope to develop additional EV infrastructure on a partnership basis.	Local Authority/SPEN work programmes. A business case developed by the Energy Saving Trust identified the potential for a further 145 on-street chargers which could be taken forward as Phase 2 of the project, subject to the identification of funding.	College tutors now trained in delivery	KIC tests of change, connected to relevant City Mobility Plan workstreams.
	Aligned to the City Mobility Plan delivery programme, the Council will also explore options for future transport infrastructure, including mapping, designing and providing a business case for funding city wide EV infrastructure which will set out options for levering investment from private and public-sector partners. This will focus on EV infrastructure within the wider context of the City Mobility Plan and ensuring EV expansion helps support a 'to, not through' approach to vehicular traffic within Edinburgh.		Future updates will be brought to the Transport and Environment Committee
	Initial research on international best practice is being used to inform future direction of expanding the EV infrastructure in Edinburgh.		
	To support the expansion and acceleration of EV charging infrastructure, plans are in place for HCI Skills Gateway FE partners (Edinburgh College, Borders College and Fife College) to deliver 526 training places in relevant skills over the next three years.		
	Over the longer term, this work will also support transport planning to respond to changes to travel habits as a result of longer-term increases in home-working and active travel post-Covid.		

Housing					
programme proposals to ensure they deliver support to train designers, builders and installers in the skills needed for implementing low-carbon heating, energy and water efficiency, ventilation and thermal comfort, and property-level flood resilience	The Council is working with City Region Deal (CRD) Partners, through the Housing and Construction (HCI) Skills Gateway component of the Integrated Regional Employability and Skills programme, to develop the skills required within the region to deliver CRD housing and infrastructure projects. This will be developed to emphasise low-carbon and sustainability skills. This gateway will also pilot new ways of multi- stakeholder working that will help increase inclusion and sustainability outcomes.	Design Pathway (Timber TED) is in development to improve employability through upskilling participants in sustainable construction. This aligns with the Edinburgh Housing Demonstrator project (below) with pathway implementation scheduled for September 2021. Edinburgh Napier University will conduct post-occupancy and building evaluation research for the Edinburgh Housing Demonstrator (EHD) Programme EHD will	Delay to Further Education programmes planned for early March. Courses will resume from October 2020.	М	SWIP action complete. Edinburgh Napier will report outcomes in January 2021.
H8. Embed exemplar sustainable development and low carbon energy solutions across the Council's new build housing programme	progressing a number of significant mixed use, mixed tenure developments on Council owned sites including Powderhall, Meadowbank, and Fountainbridge. At Fountainbridge, the plans include a proposed district heating system and the Council will continue to refine and explore this	A new design brief is now in place for achieving net zero carbon across the remaining house building programme. Proof of concept for this new net zero carbon design brief will be tested at Western Villages and in parallel with the Edinburgh Homes Demonstrator (EHD) Project. The EHD will test a new approach to design, procurement and construction alongside the need for the homes to be net zero carbon, initially in Edinburgh but with an ambition to expand this across the City Region. Sustainability and low carbon design will also be embedded across all developments to complement the fabric first design guide for homes. This will include (as a default) low/minimum parking, active travel prioritisation, biodiversity enhancements and climate adaptation via advanced sustainable urban drainage (SUD)'s schemes. The Council is currently procuring a development partner for Fountainbridge, and commenced a similar process for Meadowbank. At the pre-development stage, the		Н	SWIP action completeAHousingSustainabilityUpdateoutlining the specificapproachestosustainabilityand netzero carbon that will beembeddedacross theCouncil'sexistinghousingstock and newbuildhousingwasreport to the Housing,Homelessness and FairWork Committee on the5 November.Futureimplementationthroughthe Council'sSustainableHousing

	also be a series of spaces promoting biodiversity creating ecological corridors. Council Officers will review guidance and specification for homes to be developed through the Council's house-building programme to take account of the Council's sustainability objectives. This will set out the options available for further reducing carbon emissions in new build properties, including Passivhaus, and will consider the financial implications, maintenance and tenant behaviours that are required.	development partner will review and refresh the current options appraisal for the low carbon heating solution. Granton has been selected as one of four 'tests of change' within the Council's European-funded Climate KIC programme. The Council is currently working with design partners to scope the potential for testing new financial models which secure greater community wealth and public health and wellbeing outcomes, as part of the sustainable development approach in Granton.			Strategy, reporting to the HHFW Committee
H9. Continue to develop low carbon energy solutions for existing housing properties which reduce energy demand and accelerate the use of renewable energy, through targeted retrofit in consultation with tenants.	The Council, in partnership with Changeworks, is applying for approx. £500k in funding from the Scottish Government's Decarbonisation Fund with a further £500k in match funding from the Capital Investment Programme This will support the retrofitting of rooftop solar PV and battery storage across 112 properties, which will bring this group of properties up to EESSH standard and the aspirational EESSH2 standard. The Council is currently in receipt of £3.6m in funding from the Home Energy Efficiency Programme for Scotland Area Based Scheme (HEEPS-ABS) which helps to unlock larger mixed tenure schemes where a mix of social and private sector properties are involved. As part of the 2019- 20 programme approx. 1200 properties will be targeted for a range of energy efficiency upgrade retrofit works and the total leveraged funding will be approx. £8.8m. In addition, the Council will also invest in retrofitting a range of energy upgrades across a further 2448 properties. Once completed this will result in 15,714 Council properties meeting the Energy Efficient Standard for Social Housing (EESSH) or approximately 78% of the Council's existing housing stock.	The Council was successful in securing £500k in funding from the Scottish Government's Decarbonisation Fund. This will support the installation of combined solar PV and battery storage across 112 Council homes in the Kirkliston area. A pilot install is now live within a currently void property to allow residents to see the live installation and how it will look in their homes. As part of the 2019-20 programme approx. 707 properties will be targeted for a range of energy efficiency upgrade retrofit works and the total leveraged funding will be approx. £4.4m. A 10-year whole-house retrofit strategy is being developed to identify options for advanced whole-house energy retrofit standards to be applied across existing Council homes.	Delay to the 2019-20 HEEPS:ABS programme. Now back underway.	Η	Launch of a 10-year Sustainable Housing Strategy in 2023

Energy/Operational Estate					
En10. Develop a spend-to- save proposal to expand and accelerate installation of solar PV on all appropriate Council- owned buildings.	Install solar PV on all new build Council properties based on right sizing for projected electrical load and availability of roof space. This will result in an overall increase to solar PV in new build properties. To install right sized solar PV as standard as part of any suitable roof replacement works. This will align Solar PV works with roof warranties and should also reduce installation costs. To run a programme of solar PV installations across the existing buildings on suitable roofs that are less than 5 years old	Target buildings are being identified for the 2021 works programmes, and outline proposals will be developed to inform application to the SALIX fund and to determine a route to market. Solar works will be aligned to the asset management works programme.	works as a result of Covid-19 means opportunities for 2020 are limited but focus will be given to 2021 works programme	Μ	Investigative works on existing buildings
En11. Carry out a targeted energy efficient retrofit of the Council's operational buildings	The Council has currently agreed to a feasibility study into the costs of deep retrofitting a typical building within the Council estate. It is proposed that officers commission a feasibility study into a deep energy efficiency retrofit (e.g. EnerPhit) of 3 key building archetypes (Pre-1919, 1965-1985 & 2006-2017) This would include a review of options to integrate SALIX funding with Asset Management Works programme for 2020/21. The ISO50001 energy management standard will be used to track, review and report on progress of energy efficiency measures across asset management works and target year on year improvement in line with Council objectives.	•	Pressure on resources	Μ	There is a lack of capital budget specifically focussed on energy retrofit, so external complimentary funding routes are under investigation. Additional resources could be identified by drawing down funding through the Scottish Government's 50/50 match funding offer.

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		future asset management works programme			
		 Budget for training internal staff on retrofit standards (i.e. Enerphit) 			
		Previously initiated works programmes may require further works within lifespan to deliver more extensive investment in energy efficient retrofit			
		Key outputs and deliverables will include: • Model Council at risk buildings to understand current and	assessment schedule. Completion will not be fully possible until access is to buildings is restored.	L	Funding sources and potential partners will be scoped to help determine and model impacts on Council's operational estate Any mitigating actions to be undertaken may require additional resources and will be considered on a case by case basis.
Standard as the default standard for all Council newbuild across the operational estate.	The Council currently applies BREAAM standards to larger new build projects, with a target of achieving at least 'very good' for every project. This standard includes a requirement to meet a wide range of environmental criteria to ensure the project limits its environmental impact and maximises sustainability during construction and operation. For smaller-scale newbuild projects, elevated energy performance certificate ratings are targeted. To go further, the Council will adopt the Passivhaus Certified Standard as the preferred	 5 Passivhaus projects are under development (1 high school, 3 primary schools and 1 archive store) New professional services framework will have a Passivhaus specialist lot Scottish Futures Trust (SFT) have set an energy target for new build with Passivhaus determined as best option for delivery. BREEAM is no longer a targeted standard for new buildings, with funding diverting to achieving Passivhaus Standards 		Н	Passivhaus to be formalised as design requirement, and consideration given to Passivhaus Plus. Existing Passivhaus projects to progress through design stages. This policy shift may have cost implications

	option for all new build entering feasibility/business case stage across the Council's operational estate (schools/care homes etc) to ensure that buildings are delivered to a rigorous energy and comfort standards. Any variation beneath this requirement would need to be clearly justified from an environmental perspective and brought back to the Council's Planning Committee.	 Key deliverables and outputs include: Council commitment to Passivhaus Standard for all new builds Delivery of Passivhaus new builds as standard Internal staff trained and experienced in delivery of Passivhaus 		that need to be assessed on a case by case basis.
Procurement	Kou size of a new Sustainable Procurations			
Pr14. Review, revise and rename the Council's Commercial and Procurement Strategy with sustainable procurement as a central theme, alongside the delivery of savings and Best Value, so as to become a Council 'Sustainable Procurement Strategy'	Key aims of a new Sustainable Procurement Strategy would include: embedding the consideration of the statutory sustainable procurement duty requirements before the Council buys anything, to improve the social, environmental and economic wellbeing of the local authority area. To use procurement criteria or documentation to require that suppliers consider their own supply chains, and increase the delivery of carbon reduction and local community benefits across all procurement activity. As far as possible this would include at point of renewal of contract as well as within new contracts. to provide support and challenge to Directorates to deliver Council commitments including, where appropriate, supplier de-carbonisation and an increase in the use of fairly-traded goods set out the factors, including Best Value and carbon impact, the Council will take into consideration when deciding whether to procure goods and services, or provide them in-house. The Council will engage with its stakeholders to develop the new strategy and will approach Zero Waste Scotland to support and collaborate with	A new Sustainable Procurement Strategy for 2020-2025 was developed in line with SWIP improvement priorities and approved by Finance and Resources Committee in March 2020, with the specific aim to ensure Council procurement "deliver opportunities that help address the climate change challenge and a circular economy agenda". This five-year strategy, will have its first annual review in 2021 and data recorded against it will be reported to Committee in 2021. The Council's Contract Standing Orders are being revised to require that all contractual arrangements support the Council's Sustainable Procurement Strategy, subject to approval of the new standing orders by Committee in December 2020. Procurement criteria is being used where relevant in the tender process to specify or evaluate tenders' contribution to the Council's net-zero target. The Council are working with Scotland Excel and other local authorities as part of the Procurement and Climate Change Forum which aims to work collaboratively to develop tools to help use the £12.6 billion of annual public procurement spend to support Scotland's climate	М	SWIP action complete Revised Contract Standing Orders being submitted to Committee for approval December 2020. Further reporting through scheduled procurement data reports to Committee, beginning in 2021 Subsequent purchasing may have resource implications.

	engage with Scotland Excel and the Scottish Government as it seeks to further develop and improve current activity around sustainable procurement	emergency response.		
Education				
support for schools and develop opportunities for further consultation and collaboration with pupils, teachers, and parents on what more can be jointly done to	Acknowledging that many schools, teachers and pupils are active in this area, the Council will develop a consolidated list of all actions and supporting materials to share and promote actions that can be taken to help reduce the city's carbon footprint. Emphasis will be given to those proposals which could also save schools and parents money. The Schools Finance Board will consider sustainability as a standing item, in particular looking at sustainable procurement practice and how to support improvement. The Councils will engage through Youth Talk and Young Edinburgh Action as well as the forthcoming pupil council network to develop a young Edinburgh sustainability plan. This work will be started as part of the 'Youth Summit' being planned for December. The Council will work with a number of key empowerment groups, to support schools to develop a holistic approach to sustainability. In the first instance the Council will seek to work with Herriot Watt University to support early adopting school clusters. A business case will be developed for adoption of the Soil Association's Food for Life school awards as a mechanism to drive change through the action required to meet the awards criteria. The Council will also use established groups to engage with pupils, parents and education colleagues on: • Potential to further increase the sustainability of	 The Schools Finance Board now have sustainability in place as a standing item. A Youth Climate Summit took place on 28 February 2020, with delegates from eight secondary schools in Edinburgh. A primary event originally due to take place in summer 2020 is now being planned for early 2021. The Council has also launched Edinburgh Talks Climate which started a new phase of engagement and collaboration with citizens, including young people around climate change. The Edinburgh Learns Sustainability Steering Group will use the output from the two summits to guide the development of a Young Edinburgh Sustainability Plan. Progress has stalled because the lead for Herriot Watt is no longer available. An alternative contact is being sought. Engagement through established groups has been impacted by Covid. Online engagement through <i>Edinburgh Talks Climate</i> is currently supporting work across the three SWIP areas identified (food sustainability/food growing/living landscapes). Key improvement measures to date include: reduction of red meat and processed food in school menus; vegetarian Mondays; from April 2020, more plant-based menus. inclusion of funding growing kitchens and breakfast clubs within community benefits section of Brake Brothers contract Agreement to establish a schools sub-group of the Edible Edinburgh Sustainable Food Partnership 	Cancellatio n / delay of face-to-face events/traini ng (now re- scheduled or being re- designed for on-line delivery) Covid safety requirement s impacting on speed of removal of single use plastics Delay to Soil Association Food for Life award business case	L Primary School Youth Climate Summit early 2021 Development of Young Edinburgh Sustainability Plan (subject to replacement Herriot Watt capacity) Audit will be used to prepare a list of actions that all schools need to take to be more sustainable in their practice – and to save schools and parents money. To be done by end September 2020. An analysis of the actions needed to meet Food For Life Silver status is expected to be completed by Soil Association in October 2020.

Ed16 Take action to support a 100% shift away from plastic water cooler use within schools.	 the school menu Expanding the food-growing capacity within school grounds Increasing 'living landscapes' / greenwalls within school grounds The Council will work with schools to minimise car dependency for staff and students by updating school travel plans. The Council will develop a plan to expand and accelerate the replacement of watercoolers with plumbed in water fountain provision within schools. 	Eco-schools training (originally planned for April 2020) is being re-designed for on-line delivery Work to update schools active travel plans will now commence, following a delay due to prioritisation of emergency travel plans during lockdown A new contract is now in place with Waterlogic, under the SXL Framework which offers free installation of plumbed-in solutions (subject to certain plumbing and Health and Safety requirements). The contract for rental would include 6-monthly maintenance of the plumbed in water fountains at a comparable cost to the current bottled solutions. Plumbed-in water coolers have been installed in Leith Academy, who report cost savings and the benefit of freeing up space currently used to store water coolers. Detailed assessment of sites may reveal water supply being over 10m from installation. This would not be viable and the overall impact on progress will be considered on a case-by-	Furlough of Waterlogic staff and delay to schools installation timeline.	L	Identification of a Contract Manager from within C&F to oversee the plumbed in solution. Expansion of provision may have resource implications, depending on chosen rate of acceleration.
Tourism		case basis.			
strategy for Edinburgh (with associated delivery programme) to focus on a	The Council will work through the Tourism Strategic Implementation Group (TSIG) and Edinburgh Tourism Advisory Group (ETAG) to develop the Tourism 2030 Strategy, and to ensure the future strategy supports the aims of the developing Sustainable Edinburgh 2030 Strategy and the national and local carbon targets that have been set. The alignment of the Council Tourism agenda and the sustainability programme will be considered by the Elected Member Working Group of Tourism and Communities and Sustainability and Climate Emergency All-Party Oversight Group The Council's commitment to be carbon neutral by	On 21 January 2020, the Council endorsed a new tourism strategy for the city. The strategy was developed in partnership with the TSIG and ETAG and has "our environment" as one of its five core themes. The Tourism Strategic Implementation Group (TSIG) is a partnership between the Council, the tourism sector, and national agencies. Most recently membership of the SIG has been expanded to include representatives from Edinburgh World Heritage and the Old Town Community Council. The TSIG is also responsible for overseeing the development and implementation of action plans to support delivery of the strategy. The action planning process has been paused as the sector responds to the impact of the pandemic on the sector and Elected Member / APOG meetings were similarly affected.	Delay to strategy action planning and APOG / working group meetings Development of a sustainable visitor pledge put on hold during lockdown.	М	The strategy can be developed within existing resources. Any resource implications flowing from its delivery will be considered by the Council's Finance and Resources Committee as appropriate.

	2030 will be reflected in the Council policy statement on Tourism The Council will explore with city tourism partners the potential to develop a sustainable visitor pledge, encouraging visitors to see themselves as 'temporary residents' with a responsibility towards the city, and promoting sustainable modes of transport, recycling, and energy use.	Sector Recovery Plan was considered and Committee approved a new recommendation that the recovery of tourism and hospitality in Edinburgh must be in line with the Council's 2030 climate target, and that the Council carries out all work in this sector on the basis of achieving a net zero carbon city. At the national level, a tourism strategy was also published in early 2020, but recovery plans have dominated the national attention. A Scottish Tourism Recovery Taskforce
		was established to focus on: recovery, investment and stimulating demand, and is due to report in October 2020.

Arts, Culture and Festivals				
	The Council will ensure all Strategic Partner funding agreements for cultural agencies include a carbon management plan as a condition of grant This will include ensuring all funding agreements contain an Environmental Policy that includes a commitment to setting a target date for becoming carbon neutral. These new measures will be adopted for all future agreements from 20/21 onwards.	All Strategic Partner funding agreements 20/21 include Carbon Management Plan commitments Council agreed to a one-off contribution of £55,000 to	Committee on Greening the	Draft protocol being developed for culture venue owners to ensure greater emphasis on sustainability as part of use.

Economic Development					
Ec19. Develop specific support packages for private and social businesses in the sustainability sector through business gateway, and, work with the chamber of commerce, FSB and CBI, on a new approach to sustainability for the city's business community.	The Council will develop and deliver a Business Support Programme for the sustainability sector with a focus on sustainable growth ambition The programme will include the allocation of a dedicated business adviser to support the sector The Council will market and promote the programme to sustainability/business sector, and collaborate with Edinburgh Chamber of Commerce, FSB, CBI and other key partners to deliver this new approach	 Business Gateway are working in partnership with Circular Edinburgh, referring clients that have identified sustainability projects and that are looking for advice and information in this area. Continued partnership support to ESEN (Edinburgh Social Enterprise Network) and directly to social enterprise sector businesses via Business Gateway e.g. Eco Larder who opened Edinburgh's first package free grocers and eco-friendly delivery service Nov 19 and currently seeking a second shop unit to expand in Edinburgh 	Project has been suspende d due to Covid disruption. Further work is needed to reassess and take next steps.	Μ	This has been picked up by Adaptation and Renewal as part of the Council's approach to a green economic recovery.
Ec20. Promote circular economy approaches and associated opportunities for business across Edinburgh	Collaborate with Zero Waste Scotland, FSB, CBI and Edinburgh Chamber of Commerce on new approaches to embedding circular economy principles in Council practices Identify and implement new approaches to promoting circular economy practices in Edinburgh businesses	 circular Edinburgh to over 200 businesses to embed general sustainability best practice e.g. recycling of waste to create new products, reframing products into services to encourage repair over replace participating in Scottish Business Sustainability 	Collaboratio n with partners paused in light of Covid disruption, but planned for renewal in Autumn 2020.	Μ	Actions in development include next steps for implementation of Sustainable Procurement Strategy, and commitments on circular economy practices.

develop a sustainability pledge for conferences and conventions being held in Edinburgh	The Council will work with Marketing Edinburgh, the Edinburgh International Conference Centre and other key stakeholders to identify opportunities for organisers of conferences and conventions to work with the Council to make a positive contribution to the city's strategic sustainability aims. This will include developing a suite of opportunities for organisers and delegates to support sustainable economic, social and environmental activities within the city, as part of a focus on realising economic, environmental and social benefits.	The activities of Marketing Edinburgh are being transitioned in-house into the Council and officers are working with the industry on the future of business tourism in Edinburgh. Officers will ensure that sustainability is mainstreamed within this work.	Progress paused during Covid disruption and uncertainty over future planning for conference markets.	L	Planned re- engagement with partners to take place in late 2020/early 2021.
Waste and Recycling					
recycling capacity in the city through the redesign of	Against a backdrop of nationally falling recycling rates the Council will look again at how it can reverse this trend in Edinburgh particularly in respect of tenemental recycling. To take this forward the Council has completed an audit of Council bin provision. Plans for new layouts of communal bin arrangements and route collections on a ward by ward basis are currently being progressed	Communal Bin Enhancement paper was approved at T&E committee on 27th Feb 2020. Socially distanced community engagement has been taking place at selected locations, while the Council's <u>website</u> has been updated to provide further information. Subject to approval by the Transport and Environment Committee, the revised roll out programme will see the first phase commerce in January 2021, with completion of all phases by spring 2022. Potential risks include difficulties measuring performance in future. Bin lorries not equipped to weigh bins, so CEC unable to collect data about individual locations and contractors cannot split data about materials collected between different collections The Deposit Return Scheme (to be launched in July 2022) will affect tonnages collected; it is forecasted that up to 80% of the bottles will be returned to retailers to collect the deposit.	Delay to original schedule	L	Programme of phased introductions from January 2021, subject to T&E Committee approval in November Initial CEC funding of £2.5 million over three years in place; Council officers proactively engaging with Zero Waste Scotland to investigate additional funding.

W23. Increase support to citizens to reduce consumption and re-use goods as a first line of action before recycling.	Work with Edinburgh Social Enterprise Network and EVOC to support and promote local organisations providing community repair and refurbishment services, equipment sharing services, and repair and re-use education.	Enterprise Network) and directly to social enterprise sector businesses via Business Gateway. Organisations	Current I economic climate challenging but CEC supporting social enterprises through Business Gateway.	de to tra wh en (ez	SEN currently eveloping website host the new aining directory hich will promote nvironmental impact xpected launch in utumn 2020).
Parks, Greenspace and Cemeteries					
Pk24. Expand the Thriving Green Spaces project to ensure it looks to align to Edinburgh's emerging 2050 City Vision and contributes to our wider sustainability goals; and maximise the consultation opportunities to inform the Council's approach to Climate Change.	The Council has secured £899,500 from the National Lottery Heritage Fund and the National Trust, to deliver a Thriving Green Spaces Project to develop bold and innovative financial and management solutions for the city's greenspaces. The Council will expand the Thriving Green Spaces project to include quantifying the contribution green spaces make to addressing environmental issues, such as climate change, biodiversity loss and air pollution. Work will also be undertaken to identify the shared health and other benefits that could be realised through making more and better use of greenspaces. The Council will formulate a long-term vision and strategy for maximising the positive environmental and social impacts of the city's greenspaces. This will be supported by an action plan for delivery over the next 30 years. The project will be underpinned by a widespread and comprehensive public communications and engagement programme, which will also inform the Council's approach to climate change.	participation Mar – Oct 2020 - analyse and develop ideas, solutions etc with partners and citizens Oct – Dec 2020 – collate proposals from all the work strands and develop outline strategy for consultation and feedback	Delay to i planned engagement activities may impact on other planned milestones and lead to slippages.	is con The exp proj ana dev proj on	progressing with nmunications and gagement activities. Council is ploring extension of ject to complete alysis and relopment of posals dependent sponsor's funding ension.

Biodiversity/ Green				
B25. Increase the use of green infrastructure within new and existing Council developments in order to increase biodiversity, permeability and cooling effects in the City	The Council will establish a working group to further the understanding of the benefits of, and practical implications for, green infrastructure development and retrofit. Once established, the Green Infrastructure Working Group (GIWG) would identify opportunities for the use of green infrastructure and nature-based solutions within new and existing infrastructure projects, within existing project budgets The Council will commit to considering opportunities within new infrastructure projects, and to retrofitting suitable green infrastructure into appropriate existing sites	Initial meeting of the Green Infrastructure Working Group (GWIG) was held in February 2020. Remit and priorities for Group are being established in line with City Plan 2030 design policies on green and blue infrastructure and green infrastructure projects development. Key outputs will be a policy on Green Infrastructure and delivery of 4-5 green infrastructure projects/actions. Using updated design guidance, all new planning applications are scrutinised for the use of green blue infrastructure such as green roofs and raingardens. A new Water Management Strategy and new Surface Water Guidance will both introduce the new standard of attenuating nuisance storms by the use of green infrastructure on the site. The Tree Canopy target for providing shade and to increase biodiversity being is being studied for LDP policy, due December 2020. A new biodiversity policy for LDP is in	Slight delay to GIWG operation	The GWIG are agreeing actions to fit in with City Plan green infrastructure priorities.
B26. Seek to agree a working relationship with Scottish Water for sustainable management of drainage systems for the City.	The Council will develop a new way of working with Scottish Water that makes maintenance liabilities clearer and prevents inefficient 3-pipe systems. This will include setting up a legal agreement for each site whereby Scottish Water has liability for underground assets, and the Council has liability for the above ground landscape which will be factored. The council will work with Scottish Water to ensure that their new work on opportunities to improve the combined sewer network and surface water network for climate adaptation are built into in all policy, projects and council work.	 preparation, due December 2020. Section 7 Legal Agreement with Scottish Water was adopted at committee 27/02/2020. Scottish Water, SEPA and CEC are developing a Water Management city wide strategy to tackle fluvial, pluvial and sea level rise and increase in intensity of rainfall. Implementation of the strategy will be through the Edinburgh and Lothians Strategic Drainage Partnership. This partnership links the Council to adjacent councils for a more strategic approach to water management. The Edinburgh Sustainable Rainwater guidance is in preparation and covers principles and factsheets on SUDs including surface water issues in heritage areas, in airport 	Slight delay to activities, now resolved.	The draft Water Management Vision is to be agreed by Transport and Environment Committee in November 2020.

	The council will publish guidance on Surface Water Management techniques and factsheets to ensure climate adaptation on all new developments and guidance on retrofitting SUDs to existing developments.	restricted areas and raingardens in roads.		
networks for carbon	The Council will retain and extend vegetation along active travel routes in areas where this would not impede movement, in order to enhance biodiversity and carbon sequestration capacity.	The Planning department, as part of the Local Development Spatial Plan have initiated the Green Blue network project due to start 1/10/2020, funded by SUSTRANS/ SEPA/CEC. This project will bring together open space/biodiversity/ecosystems services/active travel/flooding/sewer flooding information into a spatial green blue network for the city linked to a new green infrastructure policy. The project will identify strategic locations of 'missing links' that will improve city cooling effects and ecological networks, permeability and water attenuation by developing green blue infrastructure projects. The Spatial Plan is due in December 2020. All other aspects due to complete in October 2022.		Outputs from Green Blue network to be taken into consideration during development of next Active Travel Action Plan (ATAP 2020-30) and through planning consent of new developments.
Organisational				
exemplar approach to evaluating and reporting on	The Council will invite expert partners to advise on and co-produce council guidance and training to improve the understanding and skills across the organisation which are needed to support meaningful sustainability impact assessments and reporting.	A 'Carbon Scenario Tool' has been developed in partnership with the University of Edinburgh to support sustainability impact assessment and reporting. The tool enables carbon footprinting at a city, Council, and project level and is being applied to major Council projects on a phased basis.	Delay to original timeline due to Covid impacting on recruitment of European-	Phased application of Carbon Scenario Tool to key future development proposals, in-line with prioritisation criteria.
	Training will also be provided for elected members. Council report authorisation systems and guidance will be reviewed to ensure reports are not authorised for submission without appropriate consideration of carbon impacts and sustainability.	Sessions for political groups have been offered in October. Work has begun to review and update guidance on environmental assessment tools for projects / decisions not suitable for processing through the Carbon Scenario Tool.	funded team and suspension of Sustainability Programme Board during	
	The Council Sustainability Board will take responsibility for collectively assessing the quality of sustainability reports by receiving a quarterly high- level review of key reports. The Corporate Sustainability Team will provide support for self- assessment and continuous improvement.	The Sustainability Programme Board has not met due to prioritisation of Adaptation and Renewal activity during Covid. The Carbon Scenario Tool will be applied to key future development proposals, in line with prioritisation criteria, with outputs being included in Committee reports where relevant.	Covid.	

O29. Improve sustainability across Council facilities, beginning with Waverley Court and focusing initially on catering supply chains, food waste and single-use plastics.	The Council will identify opportunities to remove single use plastics within Council operations, taking a phased approach to catering and food waste beginning with replacing watercoolers and plastic bottles with plumbed in supplies within Waverley Court.	Catering supply food chains are all managed through Scotland Excel and sustainability features heavily as part of the tender process – suppliers are asked as part of the tender about local sourcing and local supply chains. Waverley court has plumbed in water coolers in every tea point and staff are encouraged to use this in the first instance; our water supplier has switched to cans or cartons of water to increase sustainability. Prior to lockdown a trial was started with a local company to collect and recycle coffee cups from the canteen and discounts were offered to those bringing their own cup / food containers.	Increase in single-use plastics due to infection control requirement s.		It is anticipated that coffee cup recycling is will resume after staff return to Waverly Court. Action to reduce food waste will be considered following staff return to Waverley Court. This policy shift may have cost implications that need to be assessed on a case by case basis
	The Council has set up a Paperless Strategy Working Group, which is supporting services to reduce print volumes and accelerate the shift to paperless working, for example through increasing the use of digital alternative to physical posting. Where paper must be used, the Council is using recycled paper (with the exception of libraries as customers are paying for this service). The Council will now work to identify suitable sustainable options for envelopes and bring forward a replacement programme. The Council will promote paperless working/recycled paper among all relevant staff groups, highlighting the carbon and waste implications of non-recycled paper, as part of work to highlight the contribution staff can make to achieving our 2030 carbon target.	Mail operations to support paperless working. In 2019/20 there was good progress made, notably: • reduction in the use of colour printing ink, and paper in	Covid has accelerated the use of electronic media in lieu of paper in many processes.	L	SWIP action complete

O31. Build colleagues' awareness of carbon issues and provide development opportunities for them to learn more and act independently		 The Edinburgh Talks Climate website was launched in July 2020 to ensure people have useful information which helps and encourages them to make more sustainable choices. The site has weekly themes to help people find tips, share ideas, inspire others, and take local action on subjects such as food, travel, energy, sustainable living and plants and wildlife. Edinburgh Talks Climate has been promoted to staff, with the twin aims of raising staff awareness of sustainability issues and encouraging sharing of learning on ways to tackle climate change and act more sustainably through everyday choices staff make in their personal and professional lives. A programme of staff communication and engagement was launched in September 2020 and includes: Online resources including sustainability information and training opportunities, hosted on the Council intranet Improved sustainability information on the Council's external website Information for staff promoting the Council's net zero ambition 2 CECiL modules on sustainability within the programme of online training for new Council employees Other digital resources and information on carbon and sustainability issues which will be expanded over time. 	Delay to L original timeline due to impact of Covid on recruitment of ClimateKIC- funded sustainability team	SWIP action complete Ongoing: promotion of sustainability issues via Edinburgh Talks council social media channels, and through staff newsletters, managers updates and Chief Executive Vlogs
O32. Support colleagues to use more sustainable travel modes for personal, commuting and business travel.	The Council currently has a well-developed programme to promote and support sustainable and active travel among staff, to support both carbon reduction and health and wellbeing outcomes. The Council will undertake additional promotional activities to raise awareness among staff of the environmental, economic and health benefits of switching to more sustainable forms of transport, and of the supports available to them through the Council and other city partners. The Council will develop a forward plan for the Bike to Work scheme, including what activities, engagement and communication will be delivered to	 Low carbon, electric and active travel are themes within the staff engagement programme outlined at SWIP action O32 above. The ride to work scheme has been actively promoted during our wellbeing and benefits roadshows, previously held in localities throughout the city and now virtually. In addition, our Orb content, communications continue to promote the scheme and an increase to the limit from £1000 to £3000. 4,000 colleagues targeted for the face-to-face sessions, with 150 signed up to the first remote session. Further virtual roadshows are in plan. Business Travel Guidance was reviewed and approved 	Majority of air travel for CEC business suspended in 2020 Delay to reporting on air travel and related emissions.	A full report on CEC's international travel and related carbon emissions will be produced in Autumn 2021.

	help support colleagues begin and/or increase their use of cycles for personal, commuting and/or business travel The Council will strengthen relevant travel policies to ensure that staff minimise the use of air travel particularly for domestic travel and report on this as part of the sustainability programme	 by CLT in June 2018. The guidance outlines the importance of using the most efficient mode with a focus on minimising the environmental impact of the journeys made. 			
O33. Actively promote the Council's commitment to sustainability within staff recruitment advertisements and other materials promoting the Council as an employer.	The Council will review existing templates and guidelines for advertising vacancies and creating other materials promoting the Council as an employer, to identify opportunities to: promote the Council's commitment to sustainability communicate the Council's ambition for Edinburgh to be carbon neutral by 2030 and highlight the Council's commitment to supporting staff to become carbon literate.	information to ensure detail on its sustainability	Council recruitment activity severely impacted in earlier stages of the Covid outbreak.	L	SWIP action complete
Communities and Partners					
C34. Seek out Budget lines	Work currently in progress to develop a participatory budgeting framework to achieve a shift from current grants-based approach to mainstreaming. As part of our approach to participatory budgeting, the Council will seek out budget lines that present opportunities to contribute to the sustainability outcomes of the organisation.	developed a framework for considering PB activity, taking account of mainstream, grant and commissioning budget opportunities. From the initial budget lines identified from this process work is planned to develop proposals for implementing PB in a number of services areas. A broader review of PB will now be carried out as part of the Adaptation and Renewal Programme, to be considered as part of the budgetary process. Within this context, specific consideration will be given to identifying opportunities for activity to address the 2030 target.	Delay to original timeline		Review of Participatory Budgeting
C35. Write to all ALEOs asking for them to adopt the 2030 target and to work with the Council to develop an action plan for implementation and indicating the Council's intent to review service level agreements to reflect this	Engagement with ALEOs will be carried out via the Governance Hub. The Council will work with ALEOs to signpost them to resources for calculating their carbon footprint and developing a plan for working towards becoming carbon neutral The Council will engage all its ALEOs, which include: • Edinburgh Leisure	A session was held pre-Covid with the governance hub to raise awareness of this workstream. The Governance Hub members had also asked for further engagement on sustainability issues as it was a major objective for many of their Boards as well as the Council. Council agreed in spring 2020 to review its corporate working approach and associated documentation with its ALEOs which would include service level agreements (SLAs).	Review of ALEOs was paused		Council's Corporate Governance team to ensure that the 2030 target is an integral part of the Council's objective setting in its SLAs.

request.	 Transport for Edinburgh Edinburgh Trams Ltd Capital City Partnership Marketing Edinburgh Capital Theatre's Trust EICC 	The future of Edinburgh's transport ALEO is currently under consideration and officers have begun work to develop a suitable SLA that reflects the Council's commitments to sustainability and poverty. This will set the standard for all Council ALEO SLAs moving forward. This approach will require engagement with the ALEOs on the setting of sustainability objectives which would include a plan to work towards becoming carbon neutral. Further engagement with ALEOs is planned in October 2020.		
C36. Work with the other employers and members within Lothian Pension Fund to seek a wholesale shift away from investment in hydrocarbons.	Pension fund investments in fossil fuel extraction not only contribute to climate change, but increasingly carry the risk of stranded assets The Council will consider and report on the risks of stranded assets arising from investment in hydrocarbons as soon as is practicable The Council will then seek to work with the other employers within Lothian Pension Fund to consider a programme of divestment from such activities		Delay to planned date for initial meeting. Now resolved.	Further work to analyse the most effective ways that the Council can promote divestment of hydrocarbons by LPF.
consultation on the role of Public Bodies in tackling climate change and seek membership of the national high ambition group	The High Ambition Climate Network (HACN) offers an opportunity to collaborate across and learn from other public bodies who have set or are considering setting similar targets to Edinburgh. The Council will gain from these relationships and contribute to a national effort to tackling the impact of climate change at the same time as promoting the work and reputation of the Council.	role of Public Bodies in tackling Climate Change was	Scottish Government establishment of the HACN has stalled	SWIP action completed. The Council will continue to seek further opportunities to engage with Scottish Government and uptake these as they become available.

Annex B

Sustainability Strategy Development Timeline

