

**Leicester City Council's**

# **Climate Emergency Action Plan: April 2020 – March 2023**

**Version 2, published June 2021**

This plan presents actions to be undertaken by the council to implement its Climate Emergency Strategy 2020-23, in response to the Climate Emergency it declared on 1<sup>st</sup> February 2019. This is version 2 of the plan which includes additions and progress updates made at the end of the first year of delivery. A further update will be made at the end of the second year (2021/22) and published in 2022.

The actions are arranged into seven sections. The first section presents actions which will contribute to implementing the Climate Emergency Strategy as a whole, while the remaining sections address the six themes in the strategy.

Progress in completing the actions will continue to be monitored. Where possible, carbon reductions or climate change adaptation outcomes of actions will be quantified and included in the yearly published updates. The council will also continue to publish annual figures for the council's and Leicester's carbon emissions.

Any enquiries about this action plan should be directed to the council's Sustainability Team:

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## 1. Actions supporting all the themes

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
1.01	<b>Carbon neutral roadmap for the city</b> Develop one or more possible decarbonisation pathways for the city to inform the planning of actions, monitoring of progress and engagement with partners, including seeking more support from central Government.	Pathway report setting out key actions required and their estimated carbon reductions.	2020/21 - 2021/22	Sustainability	2020/21: Options researched, and brief prepared for project to be commissioned in May/June 2021/22.
1.02	<b>Carbon Literacy training - decision makers</b> Provide 'carbon literacy' training to key decision-makers in the council.	Phase 1: 50 elected decision-makers and managers trained, strengthening the council's management and oversight of its climate emergency response. Phase 2: 50 additional leaders or managers trained.	Phase 1: 2020/21 - 2021/22 Phase 2: 2021/22	Sustainability	2020/21: Training organised for first 50 people. Completion expected by November 2021.
1.03	<b>Climate Emergency Board</b> Establish a Climate Emergency Board of senior council officers to be accountable to the City Mayor and his team for the council's response to the climate emergency, including delivery of actions.	Board convened, and forward plan of its meetings and work developed.	2020-21	Sustainability	2020/21: ACTION COMPLETE - Board established and meeting regularly to ensure delivery of the action plan.
1.04	<b>Embedding sustainability into decision making</b> Introduce a council-wide approach to embedding climate change implications and other sustainability considerations into decision making processes, including making reference to the adopted UN Sustainable Development Goals where relevant.	New approach adopted by the council to enable decision-makers to understand the climate change and other sustainability implications of all decisions.	2021/22	Sustainability	2020/21: Approach being developed, now looking to incorporate UN Sustainable Development Goals.
1.05	<b>Lobby central Government</b> Lobby central Government to introduce the policy, resourcing and other measures needed in support of local action to decarbonise and adapt the city, and to	Influence on Government policy, actions and funding decisions to enable faster progress in Leicester.	2020/21 - 2022/23	Sustainability, working with the Strategy, Quality and	2020/21: Workshops held to develop plan, expected to be finalised and approved in May 2021.

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	address poverty. Press for these changes through the most appropriate channels and encourage partner organisations to do the same.			Performance Service in Social Care and Education, and supported by other services.	
1.06	<b>Climate change communications</b> Plan and implement an ongoing programme of communications about the climate emergency, including regular information about steps that the public and local businesses can take to do their bit.	More output from social media, website and other communication channels. An increase in public awareness, and increased levels of action by individuals, groups and businesses.	2020/21 - 2022/23	Sustainability, supported by the Communications Team, Press Team and other services.	2020/21: Twitter campaign launched and dedicated online 'microsite' and internal staff bulletin expected to launch in Summer 2021.
1.07	<b>Community engagement</b> Carry out a review of how the council can use its existing channels of communication with Leicester's communities, through our existing services and projects, and our links with partner organisations, to engage with the public, local groups and organisations about what we can all do about climate change.	Review to be completed and recommendations made in year one of the plan.	2022/23	Sustainability	2020/21: Action delayed to 2022/23 due to difficulties of community engagement during Covid-19 pandemic.
1.08	<b>School climate emergency declarations</b> Raise the profile and engage schools who wish to declare a climate emergency and use Let's Go Zero 2030 as a monitoring tool.	2020/21: Information Pack and tailored advice given to each school requesting it. 2021/22: At least 15 schools have declared a climate emergency and 25 schools have signed up to Let's Go Zero.	2020/21 - 2021/22	Sustainability	2020/21: Information pack delivered, 5 schools declared climate emergency and 15 signed up to Let's Go Zero.
1.09	<b>Carbon Literacy training - schools</b> Deliver a carbon literacy programme to schools in Leicester.	Deliver training to at least 75 university student ambassadors, 60 school staff and governors and 2000	2021/21 - 2022/23	Sustainability	2020/21: 80 students and 40 teachers trained. Student training delayed due to Covid-19,

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
		students by the end of September 2022.			rescheduled for 2021/22 academic year.
1.10	<b>Eco-Schools</b> Expand the programme to deliver student-led actions to reduce schools' environmental and carbon impact, and to increase student and parent awareness.	50 Green Flag Schools by the end of the academic year (31 August 2020). 70 Green Flag Schools by the end of the financial year (31 March 2022).	2020/21 - 2021/22	Sustainability	2020/21: 53 schools achieved or maintained Green Flag.
1.11	<b>Leicester Young People's Climate Emergency Board</b> Establish, then develop and support the Leicester Young People's Climate Emergency Board.	A Young People's Climate Board will be established, led by young people in Leicester City, agreed terms of reference will be published and at least two meetings will have taken place. It will then continue to be supported by council officers.	2020/21 - 2021/22	Sustainability	2020/21: Board formed and meeting regularly, supported by council officers.
1.12	<b>Energy Strategy</b> Develop a strategy to guide all our work on energy, to ensure a joined-up approach which aligns with our aims and objectives for addressing the climate emergency, poverty, inequality, the need for economic recovery and our other strategic priorities.	Strategy approved and published, and in active use across the council.	2020/21 - 2021/22	Strategy & Business Management	2020/21: Strategy currently in development with draft planned to be ready in June 2021.
1.13	<b>NEW: ADDED APRIL 2021</b> <b>Climate emergency partnership</b> Support and facilitate the setting up of a new external Climate Emergency Partnership Board to address delivery of the city-wide strategy.	The results to be decided by the future Partnership Board when it's set up.	2021/22	Sustainability	<i>New Action: Updates to be provided from year two.</i>

## 2. At home

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
2.01	<b>Saffron Lane - phase 2 housing development</b> Build 38 new A-rated energy efficient and low-carbon council houses.	All houses will achieve: 'A' rating for energy efficiency Over 70% lower carbon emissions than equivalent houses built to Building Regulations (Part L, 2013) standards Lower energy bills for tenants	2020/21 (Planning Application determined) 2020/21 - 2021/22 (Construction)	Housing	2020/21: Planning application has been determined and procurement underway. Expected to start on site August/September 2021.
2.02	<b>Loft insulation programme</b> Continue to invest £100k per year to upgrade loft insulation in council housing.	Approximately 114 properties upgraded per year, saving an estimated 57t CO <sub>2</sub> per year.	2020-21 and annually until programme complete	Housing	2020/21: Installations delayed by Covid 19 with 97 properties receiving loft insulation.
2.03	<b>Boiler replacements programme</b> Continue to invest £3.2M per year in our ongoing programme to replace boilers in council housing with modern, energy-efficient A-rated condensing boilers with heating controls.	Approximately 1100 properties upgraded per year, saving an estimated 825t CO <sub>2</sub> per year. NB Due to the impact of Covid 19 restrictions, it is expected that about 40% fewer properties will be upgraded in 2020/21.	2020-21 and annually until programme complete	Housing	2020/21: Installations delayed by Covid 19 with 675 properties receiving boiler installations.
2.04	<b>LED communal lighting upgrade programme</b> Continue to invest at least £150k per year to replace lighting in communal areas on council housing estates with energy-efficient LEDs, until all areas completed.	Approximately 50 sites upgraded per year, with savings of 43t CO <sub>2</sub> per year. NB Due to the impact of Covid 19 restrictions, it is expected that about 40% fewer sites will be upgraded in 2020/21.	2020-21 and annually until programme complete	Housing	2020/21: LED lighting installed in 55 communal sites.
2.05	<b>Storage heater upgrades</b> Carry out a feasibility study, secure funding and develop a programme to replace older electric storage heaters, in council housing properties where a wet heating	Details of programme to be confirmed, and preparations made, during 2021-22. Implementation from 2022-23 subject	2021-22 (feasibility and planning)	Housing	2020/21: Feasibility study scheduled to start in 2021.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	system is not suitable, with more efficient modern equivalents with better controls.	to funding. Approximately 95 properties potentially eligible. Estimated CO <sub>2</sub> savings to be confirmed.			
2.06	<b>District heating - Beatty Avenue</b> In collaboration with Engie, give consideration to upgrading the biomass plant at Beatty Avenue in order to reduce the reliance on top up heat provided from gas boilers in winter months.	Completed report assessing feasibility of doubling the capacity of the plant from 100 to 200kw. Funded by Engie, implementation would save 240 tonnes carbon per annum.	2021/2022 Planned implementation subject to economic climate in the wake of Covid 19	Housing	2020/21: Project not currently under consideration by Engie.
2.07	<b>Heat metering - technical survey</b> Assess the feasibility of installing heat meters in council housing connected to the district heating network. Heat meters will allow for tenants to be charged for the heat they actually use, encouraging efficiency.	Technical survey to be completed - advising on the feasibility of installing meters. Subject to the survey results, approximately 3,061 properties may be eligible for meters. CO <sub>2</sub> savings estimates to be confirmed.	2021-22 (survey) Planned implementation from 2022/23 subject to survey results and economic climate in the wake of Covid 19. Completion of full programme 3-5 years subject to funding.	Housing	2020/21: Surveys scheduled to commence in July 2021.
2.08	<b>External wall insulation</b> Carry out a feasibility study, secure funding and develop a programme to install external wall insulation on more council housing.	Details of programme to be confirmed, and preparations made, during 2020-21. Initial rollout of between 100-150 properties. 2508 properties potentially eligible,	2020-21 (feasibility and planning) Planned implementation	Housing	2020/21: Funding for measures to 180 council houses being sought through Government's Green

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
		with CO2 savings of 2,400t on full completion of programme. Estimated energy bill saving of £200 per year per property.	from 2021/22 subject to economic climate in the wake of Covid 19. Completion of full programme 3-5 years subject to funding.		Homes Grant Phase 2. (Refer also to Action 2.12)
2.09	<b>Solar PV</b> Carry out a feasibility study, secure funding and develop a programme to install solar PV panels on council housing, looking at both individual houses and larger blocks with communal areas. PVs on larger blocks could provide electricity to help power lighting, laundries and lifts in communal areas.	Details of programme to be confirmed, and preparations made, during 2020-21. Initial rollout of between 100-150 properties. 11,294 individual houses and 1,545 larger blocks potentially eligible. Estimated CO2 savings of 16,000t potentially available from PVs on individual houses, with estimated saving of £150 per year to tenants on energy bills. Potential CO2 savings from larger blocks to be confirmed.	2020-21 (feasibility and planning) Planned implementation from 2021/22 subject to economic climate in the wake of Covid 19. Completion of full programme 3-5 years subject to funding.	Housing	2020/21: Feasibility study planned for 2021, and funding opportunities researched.
2.10	<b>Private rented housing - energy efficiency and affordable heating</b> Continue to enforce national minimum standards for energy efficiency and affordable heating of private rented housing and commission research into the condition of the stock to identify areas of poor condition and help target future action.	Where enforcement is undertaken the benefits can be reduced fuel poverty, improved health of tenants, improved property condition and reduced carbon emissions.	Enforcement work ongoing. Research: 2020/21 - 2021/22	Environmental Health	2020/21: Enforcement continued, and research carried out into the stock condition.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
2.11	<b>Warmer Homes, Greener Homes</b> Continue this scheme (formerly called Leicester's Warm Homes Scheme) to help people in ill health, improve living conditions and reduce home energy costs whilst also lowering carbon emissions.	2021/22: Projected 120 residential properties will be improved by replacing old, faulty or broken boilers, old storage heaters and fitting/upgrading insulation. The scheme will save at least 312 tons of CO <sub>2</sub> per year. 2021/22: Continuing to support families by replacing old, faulty or broken boilers, old storage heaters and fitting/upgrading insulation. Estimated carbon savings 50 tonnes.	2020/21 - 2021/22	Sustainability	2020/21: Delivery severely limited by Covid 19, with 27 properties receiving upgrades during the year.
2.12	<b>NEW: ADDED APRIL 2021</b> <b>Green Homes Grants</b> Deliver a programme of energy efficiency and renewable energy measures into domestic housing across multiple tenures, with funding from BEIS (Department for Business, Energy and Industrial Strategy), to reduce fuel poverty and carbon emissions.	Phase 1A: £1.27M programme to support 125 Homes Phase 1B: £3M programme to support 234 Homes Phase 2: Provisional award of £1.95M subject to bid to Midlands Energy Hub. Anticipate we will be able to support approx. 240 Homes (includes council housing). Estimated carbon saving (assuming all works proceed): 300 tonnes.	2020/21 and 2021/22	Energy Projects Team	2020/21: Phase 1A and 1B funding agreed, with Eon as delivery partner. Applications begun to be received.
2.13	<b>NEW: ADDED APRIL 2021</b> <b>Research - preventing overheating in homes</b> Deliver a joint research project with De Montfort University to inform decisions about low carbon retrofit of social housing with a focus on preventing summer over-heating in highly insulated homes.	Final research report with recommendations for avoiding overheating as part of retrofit of social housing.	2020/21	Sustainability with Housing	2020/21: ACTION COMPLETE - Final research report received, with findings being considered by LCC Housing Team.



No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
2.14	<p><b>NEW: ADDED APRIL 2021</b></p> <p><b>Climate change information for council tenants</b> Review sustainability information provided to new council housing tenants and advise Housing on additional guidance around climate change and saving energy - as part of their new online information for tenants.</p>	New tenants' website will contain relevant climate change / energy information.	2021/22	Sustainability with Housing	<i>New Action: Updates to be provided from year two.</i>
2.15	<p><b>NEW: ADDED APRIL 2021</b></p> <p><b>Council house carbon reduction plan</b> Appoint consultants to review specific/common house types to develop a specification of works that if carried out, either together or incrementally, as part of the existing HRA capital programme, or as a result of specific projects/successful bidding for funding will deliver low carbon homes.</p>	We would have a specification of works for our most common house types that we could use to deliver our carbon reduction targets. This would also inform new standard specification of work for existing workstreams such as boiler renewals, window replacements and possibly electrical works. Improvements will be reflected in improved individual property energy ratings and be based on ongoing delivery of the capital programme.	2021/22	Technical Services, Housing	<i>New Action: Updates to be provided from year two.</i>

### 3. Travel and transport

Many of the travel and transport actions will be delivered through more than one funding programme. The following key is used in the timescale column to indicate which funding programmes are delivering each action:

\*1 – European Regional Development Fund (ERDF) Low Carbon Transport Accelerator Programme

\*2 – Transforming Cities Fund Tranche 1

\*3 – Transforming Cities Fund Tranche 2

\*4 – National Productivity Investment Fund (NPIF)

\*5 – Department for Transport (DfT) / Department for Environment, Food & Rural Affairs (Defra) Joint Air Quality Unit

\*6 – Local Access Fund

\*7 – Clean Bus Technology Fund

\*8 – Office for Low Emission Vehicles (OLEV) On-Street Residential Charging Scheme (ORCS)

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
3.01	<b>Covid-19 Transport Recovery Plan including Cycling &amp; Walking Pop-Up Programme</b> A co-ordinated recovery strategy across all transport areas and a rapidly deployed programme of cycling and walking pop-up schemes delivering road space reallocation, light segregation and pavement widening in local shopping centres.	Publish Covid-19 Recovery Plan. Deliver 19km pop-up cycleway and 6000 m <sup>2</sup> pop-up footways.	Recovery Plan: May 2020 Pop-ups: April - July 2020	Transport Strategy	2020/21: ACTION COMPLETE - Recovery plan published and 18km of pop-up cycle ways set up. Schools supported to increase cycling and walking levels and provide covid-safe school buses.
3.02	<b>Cycling and walking</b> Delivery of safe, high quality cycling and walking infrastructure - expanding and connecting existing provision across the city.	24km of new cycleway. 3500m <sup>2</sup> of new and improved urban realm / pedestrian areas.	2019/20 - 2023/24 (*3; *4)	Transport Strategy	2020/21: Cycle lanes and footways installed and improved at multiple sites and further projects in progress.
3.03	<b>Cycling and walking - E-Bike Hire</b> Deliver e-bike hire scheme.	500 bikes / 50 docking stations. 525,000 trips pa. 2.5 million km pa.	2020/21 - 2021/22	Transport Strategy	2020/21: Scheme has been tested successfully with 13 docking stations and 130 bikes. Planned public launch in June 2021 delayed due to Covid. Late summer / early autumn date TBC.
3.04	<b>Cycling and walking - Street Design Guide</b> Completion of new, updated design guide for use by council & developers	Published - June 2020.	2020	Transport Strategy	2020/21: ACTION COMPLETE: Guide published in August 2020. Training

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
					provided to staff and guide being applied.
3.05	<b>Public Transport - Park and Ride</b> New Park and Ride site at Beaumont Leys.	350 spaces. 30,000 passengers pa. 118,000 car kms saved pa.	2019/20 - 2023/24 (*3; *4)	Transport Strategy	2020/21: Scheme being designed as part of Transforming Cities Fund programme.
3.06	<b>Public Transport - Bus Lanes</b> New bus lanes and bus priority measures.	11.1km of bus lane. 12 local bus priority measures. Improved journey times & service reliability.	2019/20 - 2023/24 (*3; *4)	Transport Strategy	2020/21: Savoy Street link to Haymarket Bus Station opened and Groby Road bus lane in consultation phase.
3.07	<b>Public Transport - Bus Services and Schedules</b> Improved and rationalised bus services and schedules on key routes with targeted ticketing initiatives forming the basis of future delivery of a proposed branded "Metro" bus network covering key city routes.	4 key corridors / 40 km rationalised routes. Patronage increase of 1,163,000 trips pa.	2019/20 - 2023/24 (*2; *3)	Transport Strategy	2020/21: Plans for strategic 'greenlines' bus network being developed.
3.08	<b>Public Transport - Bus Engine Standards</b> Euro VI standard engines as a minimum across the Leicester Bus fleet.	218 engine retrofits. 100 % Euro VI compliance.	2018/19 - 2021/22 (*7)	Transport Strategy	2020/21: Successful application made for funding to retrofit 64 buses, installation to take place in 2021.
3.09	<b>Public Transport - ULEV Grants</b> Grants to encourage uptake of ULEV's / hybrid in taxis and fleets	£1.4M grants for low carbon vehicle upgrades.	2019/20 to 2021/22 (*1)	Transport Strategy	2020/21: This action is no longer feasible due to State Aid rules applying to the funding. Funds will be redirected towards alternative low carbon actions.
3.10	<b>Public Transport - Park and Ride Electrification</b> Electrification of Park and Ride sites.	3 P&R conversions. 13 electric buses. 82,000 kms pa travelled.	2020-21 (*2 &*3)	Transport Strategy	2020/21: ACTION COMPLETE - Operation starting with 13 electric buses in May 2021.
3.11	<b>Public Transport - Electric Shuttle Bus</b> City centre electric shuttle bus	3 electric buses. 90,000 Km pa travelled.	2020/21 to 2023/24 (*3)	Transport Strategy	2020/21: Route for shuttle bus has been agreed, currently working on procurement of the buses.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
3.12	<b>Public Transport - Smart Bus Ticketing</b>	Integrated multi-operator contactless ticketing. Reduced boarding times / faster journeys. Improved transport connectivity. Increased patronage (supports 3.07).	2020/21 to 2023/24 (*3)	Transport Strategy	2020/21: Flexi-tickets now available on mobile and contactless payment available on all city buses.
3.13	<b>Public Transport – Information Signs</b> Smart "Live Bus" information signs	500 new signs. Improve quality of bus service and passenger experience. Increase patronage (supports 3.07).	2020/21 to 2023/24 (*3)	Transport Strategy	2020/21: New signage tested on Charles Street and Bus User Panel consulted. Plans to procure 600 further signs in progress.
3.14	<b>Behavioural Change - Business Engagement</b> Business engagement: promoting sustainable transport within businesses and delivering personal travel planning.	11,000 targeted personal travel planning (PTP) contacts with predicted 5% participation rate.  Due to continuing Covid advice by the Market Research Association, there will be no doorstep advice, and all will be carried out by phone or email. These methods generally elicit a reduced response rate.	2019/20 to 2021/22 (*1)	Transport Strategy	2020/21: Funding has been confirmed, and revised programme is being finalised.
3.15	<b>Behavioural Change - Schools Engagement</b> Promoting sustainable transport through engagement with schools.	80 schools engaged pa.	2019/20 - 2021/22 (*6)	Transport Strategy	2020/21: Funding has been confirmed, and revised programme is being finalised.
3.16	<b>Behavioural Change - Adult Cycle Training</b>	70 adults trained pa. due to late start in the year and reduced numbers per class.	2019/20 - 2021/22 (*6)	Transport Strategy	2020/21: Funding has been confirmed, and revised programme is being finalised.
3.17	<b>Behavioural Change - Bikeability</b> Bikeability - delivering cycle training in primary schools.	50 schools engaged. 2500 pupils trained pa.	2019/20 - 2021/22 (*6)	Transport Strategy	2020/21: Engagement has been limited by Covid 19, expected to increase following relaxation of restrictions.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
3.18	<b>Network Management and Enforcement - Bus Lane Cameras</b> Maximising the potential and sustainability of our existing transport network through appropriate traffic regulation and enforcement. Bus lane enforcement cameras.	Additional 8 installed. Improved bus journey times and service reliability.	2019/20 - 2023/24 (*3; *4)	Transport Strategy	2020/21: Bus Lane and Network activity severely limited by Covid 19, work to continue as traffic levels increase.
3.19	<b>Network Management and Enforcement - Parking Enforcement</b> Increased parking enforcement.	Reduced delay & congestion.	Ongoing	Transport Strategy	2020/21: Additional enforcement staff recruited and options for traffic management control system developed.
3.20	<b>Network Management and Enforcement - Red Routes</b> Roll-out of a programme of Red Routes to improve bus journey times and service reliability.	8 km of red route. Improved bus journey times & service reliability. Increased patronage.	2020/21 - 2022/23	Transport Strategy	2020/21: First red route to be made permanent following trial period, subject to resolution of one objection. Further routes being developed.
3.21	<b>Network Management and Enforcement – 20mph Zones</b> Rolling programme of area based 20mph schemes incorporating traffic calming and road safety improvements where appropriate	28 km streets treated pa. Approximately 125 streets pa.	Ongoing	Transport Strategy	2020/21: Progress delayed by Covid 19. Programme of 20mph schemes for 2021/22 prepared for approval.
3.22	<b>Workplace Parking Levy</b> Consult on the introduction of a levy on workplace parking designed to promote sustainable travel choices and provide a ring-fenced funding stream to invest in a range of sustainable travel projects and initiatives.	Consultation completed & results analysed. Decision on whether to proceed.	2020/23 - scheme development 2023 on - live	Transport Strategy	2020/21: Outline Business Case for levy complete and off-street parking assessment carried out. Consultation work planned throughout 2021.
3.23	<b>Air Quality</b> Package of air quality improvement measures to meet EU NO2 targets. (Package also expected to deliver carbon savings.)	<i>Outcomes to be confirmed following decision by government's Joint Air Quality Unit.</i> Possibilities include an EV grant	2020/2021 to 2021/22	Transport Strategy	2020/21: Continuing to await decision from Joint Air Quality Unit, which is expected in June 2021.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
		scheme and a Clean Air Zone with vehicle charging.			
3.24	<b>Air Quality - Clean Air Day</b>	On average over the next three years: - five schools/year to participate (whole school day play streets) - three schools/year (school streets - beginning / end of school day) - five schools/year to hold active travel days	Ongoing	Transport Strategy	2020/21: Engagement work severely limited by Covid 19 restrictions. Clean Air Day programmed for June 2021.
3.25	<b>Air Quality - Eco Schools Air Quality Education</b>	On average over the next 3 years: 15 schools/year receive Healthy Air for Leicester schools award. 8 schools per annum promote Switch-Off Your Engine campaign. 10,000 contacts with pupils/parents/teachers/school community members across multiple events per annum.	Ongoing	Transport Strategy	2020/21 Work delayed due to Covid-19 restrictions. Healthy Air for Leicester award and Switch-Off Your Engine campaign rescheduled for September 2021.
3.26	<b>PV Panels</b> PV panels fitted to Newarke St & Haymarket car parks & St Margaret's Bus Station	150 tonnes CO <sub>2</sub> saved per annum.	2019/20 to 2021/22 (*1)	Transport Strategy	2020/21: Solar PV panels to be fitted to Aylestone Leisure Centre, Leycroft Road Depot, St Margaret's Bus Station and Newarke Street car park within next two years.
3.27	<b>EV Charge Points</b> EV charge points installed off street and in high density residential areas	127 charge points (various types and locations).	2019/20 to 2021/22 (*1; *8)	Transport Strategy	2020/21: Works delayed by Covid 19. Trial of 22 on-street chargers to start in May 2021 and sites being identified for off-street charging trial.
3.28	<b>Vehicle to Grid</b>	Minimum of 2 charge point feeds.	2020/21	Transport Strategy	2020/21: ACTION COMPLETE: Vehicle to building link not

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	Demonstration project to feed excess EV battery power back into City Hall network.				implemented successfully but lessons learnt from this small-scale project to inform future larger opportunities.
3.29	<b>NEW: ADDED APRIL 2021</b> <b>Public Transport - Electrification of Hospital Hopper Service</b> Introduction of electric buses for this service.	An estimated carbon saving of 84 tonnes CO <sub>2</sub> e per year initially. This figure is expected to increase as the carbon emissions from generating electricity for the national grid, used to charge the buses, continue to reduce year-on-year.	2021/22	Transport Strategy	<i>New Action: Updates to be provided from year two.</i>

## 4. Consumer choices and waste

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
4.01	<b>'Metal Matters' recycling campaign</b> Deliver a communications campaign focusing on recycling of metals. The 'Metal Matters' campaign aims to increase the capture of recyclable metals in the orange recycling bags and communal bins. Recycling metal helps save energy and reduce carbon emissions in comparison to producing items from virgin materials.	Delivery of two leaflets to all households (Circa 138,000) in Leicester and a media campaign.	2020/21 - 2021/22	Waste Management	2020/21: Media campaign and leaflet deliveries successfully completed.
4.02	<b>Organic waste</b> Promotion of organic waste reduction at home, through home composting.	Continue the provision of discounted compost bins to Leicester residents and support local providers to encourage the use of home	2020/21 - 2021/22	Waste Management	2020/21: Discounted compost bins continue to be promoted and provided. Workshops postponed to 2021/22 due to Covid 19.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
		composting and provide workshops to support residents.			
4.03	<b>Reuse shop</b> The development of the Reuse shop and Reuse shop contract with a third sector partner to maximise the reuse and recycling of items donated for the social benefit of Leicester residents.	The new concession contract agreed and signed, prior to the end of the current contract. Completion of the proposed extension to the Reuse shop. This includes the final design, planning and construction of the extension.	2020/21 - 2021/22	Waste Management	2020/21: New contract agreed and signed. Expansion delayed by Covid 19, expected to begin in July 2021.
4.04	<b>Recycling improvement project for flats</b> Deliver phase 1 and phase 2 of this project which supports residents to improve segregation of recyclable from non-recyclable materials, focusing on flats with persistent contamination issues. The project will look for new and innovative ways to help engage residents, increase recycling and reduce contamination in the recycling bins. Reducing contamination is key to ensure that good recycling can be processed and not rejected, this will in turn help reduce carbon emissions.	Phase 1: Complete roll out of new bin solutions and communications to 4 locations and monitor to determine the success of the project. Phase 2: Complete roll out of new bin solutions and communications to 4 locations including 2 student properties and monitor to determine the success of the project.	2020/21 - 2021/22	Waste Management	2020/21: Roll out started but delayed to 2021/22 due to Covid 19.
4.05	<b>Communications campaign to improve segregation of recyclable materials</b> Develop a multi stream media campaign to educate and engage residents about why it is important to put the right waste in the right bin. This will focus on key contaminants which residents often get wrong.	Delivery of a communications campaign to raise awareness of contamination issues in recycling.	2020/21 - 2022/23	Waste Management	2020/21: Social media messaging has continued, dedicated campaign to be developed for 2021/22.
4.06	<b>Waste and Recycling Strategy</b> Development of a new waste and recycling strategy for Leicester. Supported by investigation into potential options for the development of the services provided and how these will link to the new government strategy and legislation.	New Leicester City waste and recycling strategy completed.	2022/23	Waste Management	2020/21: New strategy is currently in development.



No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
4.07	<b>Waste and recycling advice for developers</b> Produce updated planning advice to help better support the planning process and ensure residents have access to appropriate waste and recycling facilities.	Updated planning advice completed.	2020/21 - 2021/22	Waste Management	2020/21: Project delayed to 2021/22 due to Covid 19.
4.08	<b>Influence on future waste policy</b> Lobby central Government to provide the policy framework and resourcing needed to substantially reduce waste, and to scale up reuse, recycling and composting, consistent with the need for rapid decarbonisation in a climate emergency.	Press our case, where possible with like-minded local authorities, via national forums including LARAC (Local Authority Recycling Advisory Committee) and NAWDO (National Associations of Waste Disposal Officers), as well as through our responses to relevant national consultations.	2020/21 - 2022/23	Waste Management	2020/21: Responses continue to be submitted to government consultations, currently working on Extended Producer Responsibility & Deposit Return Schemes.
4.09	<b>Public realm drinking water</b> The provision of free re-fill points across the City Centre	The provision of 10 x bottle refill stations within our highly used public realm spaces and the advertising of these through the national 'refill' scheme. This includes two points within our bus stations.	2020/21 - 2021/22	Capital Projects	2020/21: Project delayed due to Covid 19 with installation expected to begin April 2021.
4.10	<b>Food for Life award - communications plan</b> A communications plan to be developed in conjunction with Food for Life and Education Catering to promote the positive aspects of the Silver "Food for Life Served Here" award recently achieved by Education Catering to parents, schools, the council and the wider community.	Communications plan implemented, widening awareness of the environmental and other benefits of the measures implemented to gain the award.	2020/21 - 2021/22	Food for Life Partnership supported by Education Catering	2020/21: Delayed due to Covid 19, campaign and new menu developed for launch in August 2021.
4.11	<b>School meals</b> Strengthen a strategy and project plan and deliver a programme of climate emergency actions for school meals. Project to cover food and packaging waste, energy use and engagement with pupils, parents and	A detailed strategy and project plan is completed and initiated with specific targets.	2021-22	Sustainability with Education Catering and Public Health	2020/21: Research carried out to develop project plan, funding now being sought.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	other stakeholders to look at opportunities for more plant-based meals.				
4.12	<b>NEW: ADDED APRIL 2021</b> <b>Schools workshop - climate impacts of food</b> Develop and offer a workshop for students to raise awareness about the climate impacts of food.	A workshop has been developed and delivered to 20 schools.	2021/22	Sustainability	<i>New Action: Updates to be provided from year two.</i>
4.13	<b>NEW: ADDED APRIL 2021</b> <b>Love your Clothes' campaign</b> Deliver a communications campaign focusing on sustainable clothing. Following the national Waste and Recycling Action Programme (WRAP) campaign, aiming to increase awareness of Leicester City residents of the importance of sustainable clothing and fashion. With themes of; Buying Clothes, Care & Repair, Refashion and Upcycling, and Donation / Recycling of Unwanted Clothes, sustainable clothing and fashion can help to save energy and reduce carbon emissions in comparison to 'fast fashion', i.e. buying clothes that last for less time before being thrown away.	Delivery of an online and social media campaign.	2020/21 - 2021/22	Waste Management	2020/21: Campaign delivered as planned. Messaging and analysis of impacts to continue in 2021/22.

## 5. At work

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
5.01	<b>Green BELLE – SME support programme</b> Deliver phase 2 of the programme to support small and medium sized businesses with measures to save energy, cut costs and reduce carbon emissions. As part of the project, identify SME tenants in the council's Business Centres and Estate Shops who could apply to the scheme.	200 SMEs supported and 1,400t CO <sub>2</sub> per annum being saved by project end.	2020/21 to 2022/23	Sustainability	2020/21: Delivery severely limited by Covid 19. Works completed for 16 SMEs with 16 further grants agreed.
5.02	<b>Growth Hub - business gateway</b> Provide a single point of contact through the business gateway for companies to access support and advice. Direct enquiries about carbon reduction, energy saving, waste and other climate-related issues on to appropriate sources of help such as Green BELLE.	Businesses will have a straightforward way of accessing support on low carbon and related issues. Numbers of referrals of low carbon enquiries to be monitored and reported.	2020/21 - 2022/23	LLEP - responsible for delivery Economic Development (LCC) - accountable body for the project	2020/21: Growth Hub service and website in place and available, with advisers now providing support and guidance.
5.03	<b>Growth Hub - business workshops</b> Address climate change issues and opportunities for businesses, including energy efficiency, renewable energy, resource efficiency and waste reduction in the Growth Hub programme of workshops.	Numbers of businesses attending climate-related workshops to be monitored and reported.	2020/21 - 2022/23	LLEP - responsible for delivery Economic Development (LCC) - accountable body for the project	2020/21: Workshop sessions postponed due to Covid 19. Programme of 6 webinars scheduled for May/June 2021.
5.04	<b>Pilot House - Redevelopment</b> Re-development of a complex of former factory	To achieve a 'Very Good' BREEAM rating for the scheme and utilise the	2020/21 to 2022/23	Capital Projects	2020/21: Bid for Levelling Up Fund to support project being prepared for June 2021.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	buildings to create much-needed low-carbon office space and units for start-up and growing businesses.	existing district heating system as an efficient heating source.			
5.05	<b>Ian Marlow Centre redevelopment</b> Explore redevelopment options for the former Ian Marlow Centre as future employment use focusing on fabric performance and sustainable energy generation throughout the specification.	Decision to redevelop Ian Marlow Centre. Feasibility study with preferred option identified. Enter into development agreement. Development on site to commence within 12 months of entering development agreement.	2020/21 - 2021/22	Development Team	2020/21: Project delayed as building still in use. Bid for Levelling Up Fund now being prepared.
5.06	<b>Climate Emergency Plans for Local Organisations</b> Engage with local businesses and organisations of all types and sizes to encourage them to develop their own action plans for the climate emergency. This includes providing guidance on how small organisations can do so and developing a space online to share and publicise plans.	Action plans from the business sector, the public sector, the education sector and voluntary and community organisations will be developed and published.	2020/21 - 2021/22	Sustainability	2020/21: Working with partners to develop templates for climate emergency action plans for businesses and community groups.
5.07	<b>NEW: ADDED APRIL 2021</b> <b>Economic Strategy</b> Ensure green recovery principles are embedded within the following economic strategies: - City Economic Recovery Plan (City Council led) - City Growth Plan (City Council led) - LLEP Economic Recovery Plan (Short term to Dec 2021, LLEP led) - LLEP Economic Recovery Strategy (Longer term to 2030, LLEP led). Ensure any investments and tangible actions towards a green recovery in these strategies are included within the Climate Emergency Action Plan.	Tangible green recovery actions and investments being implemented following adoption of these plans and strategies from 2021 onwards.	2020/21 to 2021/22	TCII services	2020/21: Principles included within published City Economic Recovery Plan and LLEP Economic Recovery Plan, other plans in development.

## 6. Land use, green space and development

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
6.01	<b>Local Plan</b> Completion of the Local Plan consultation process and adoption of Leicester's new Local Plan. This process will involve: - a public consultation on the draft Local Plan and any major changes/revisions to this draft - submission of the draft Local Plan to the Secretary of State and Planning Inspectorate - an Independent Public Examination of the draft Local Plan - adoption of the new Local Plan by Full Council. The adopted Local Plan will include policies relating to the Climate Change Strategy and Action Plan, including those covering Climate Change and Flooding, The Natural Environment and Transportation.	An adopted new local plan for Leicester City Council. The City Council will consider strengthening policies to mitigate and adapt to climate change; however, this is dependent on consultation responses, emerging evidence, national policy changes, and the outcomes of the Independent Public Examination.	2020/21 to 2021/22	Planning Policy	2020/21: Public consultation on draft Local Plan carried out September to December 2020. Submission Version of Local Plan now being prepared.
6.02	<b>Local Plan - Sustainable Construction Policy evidence base</b> Produce technical evidence which considers strengthening policies relating to sustainable design and construction for new developments. This will look at energy and water efficiency standards for new residential and commercial developments in Leicester's new local plan. The evidence and policy formulation will need to take into account recent and expected changes to Government policy, in particular it's response to the recently concluded Future Homes Consultation which will have a very significant effect upon building efficiency standards policy.	Technical evidence published with findings used to inform the sustainable construction and design policy proposed in the next public consultation of the draft local plan.	2020/21 – 2021/22	Planning Policy	2020/21: Technical support commissioned, and initial draft of evidence base received. Final version expected for Summer 2021.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
6.03	<b>Local Plan - Strategic Sites</b> Ensure large strategic sites proposed in the new local plan, and owned by Leicester City Council, contribute towards mitigating and adapting to climate change. This includes early consideration of opportunities to incorporate appropriate landscaping, tree planting and biodiversity protection and enhancement (either on or off site).	Evidence presented at Local Plan Examination and appropriate site allocations included in the new Local Plan. When the sites are later developed (subject to planning permission), development addresses climate change and other sustainability requirements of the Local Plan, and includes appropriate new tree planting, green space creation and biodiversity protection and enhancement (either on or off-site).	2020/2021 - 2021/2022	Development Team	2020/21: Work continuing to support release of sites through Local Plan Process.
6.04	<b>Ashton Green - low carbon homes</b> Secure, as part of future land sales, a scheme of low carbon homes at Ashton Green.	Developer to be appointed for scheme at Ashton Green achieving performance above the equivalent of level 4 of the former Code for Sustainable Homes.	2021/22 - 2022/23	Development Team	2020/21: Further sites to be released, action scheduled to begin in 2021/22.
6.05	<b>Low carbon regeneration scheme</b> Design and develop an exemplar low-carbon, social housing led regeneration scheme on land owned by the Council.	Site to be identified and planning application to be submitted within 18-24 months.	2021/22 to 2022/23	Development Team	2020/21: Stocking Farm site identified and work ongoing. Consultants appointed to advise on design.
6.06	<b>Western Park low carbon housing scheme</b> Secure a sustainable housing development on land sold by the council at Western Park.	Up to 20 new homes built to an exemplar standard of sustainable construction and energy efficiency, with renewable heating systems.	2020-21 (Planning Application)	Asset Strategy with Sustainability	2020/21: Pre-Application for site submitted and full Application scheduled for January 2022.
6.07	<b>Continued Professional Development (CPD) - low carbon solutions</b> Develop our understanding of Modern Methods of Construction and existing market solutions for low carbon development.	Workshop to be held 2021/22 with relevant attendees and speakers to highlight best practice nationally and promote further knowledge across the council including relevant site visits.	2021/22	Development Team	2020/21: Action scheduled for 2021/22, initial site visits postponed due to Covid 19.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
6.08	<b>District Heating - network extension</b> Enable / sponsor network extension projects through regular liaison with the University of Leicester, Leicester Royal Infirmary, other One Public Estate partners and the Strategic Partnering Board.	Carbon savings / efficiencies to be identified project by project.	2020/21 to 2022/2023	Contract Management Team	2020/21: Whilst opportunities continue to arise, these are more limited in terms of viability due to the remaining term of contract with District Heating operator.
6.09	<b>District heating - future decarbonisation</b> Secure proposals from Engie for future decarbonisation of the LDEC network.	District Heating Strategy completed and endorsed by the council, University of Leicester and Engie.	2021	Contract Management Team with Sustainability Service	2020/21: The District Heating operator – alongside other operators - is currently working with BEIS to develop a clear decarbonisation roadmap for UK heat networks. Findings will be available later in 2021.
6.10	<b>District Heating - 'green gas'</b> Review the feasibility and benefits of utilising 'green gas' to generate hot water in the district heating network, taking into account affordability for the heat poor.	The review will identify the potential level of carbon savings, as well as other benefits and implications.	2022/2023	Contract Management Team	2020/21: Options for a move to green gas being investigated ahead of contract retender in 2023.
6.11	<b>Sustainable Drainage Systems (SuDs) Technical Guide</b> Approve and adopt the Technical Guide for SuDs (sustainable urban drainage schemes). Actively work alongside and support developers to ensure that the new guide is implemented.	Increased number of SuDs implemented as part of developments coming through planning.	2020/21 - guide adopted.	Planning with Flood Risk and Drainage Team	2020/21: Guide developed and approved for use, with internal training sessions organised.
6.12	<b>Sustainable drainage - new developments</b> Respond to planning applications for all new developments, including single dwellings and large extensions, promoting the use of sustainable drainage. For development on brownfield sites, encourage measures to achieve a 50% reduction in runoff.	All relevant applications to be examined and all to include appropriate sustainable drainage measures in the design before a recommendation for approval is made. Effectiveness of this work to be reviewed annually. Outcome: Reduce the risk of flooding to properties downstream of new developments, improve water quality	Ongoing, with annual review.	Flood Risk and Drainage Team	2020/21: On target with responses to planning applications.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
		and provide biodiversity improvements.			
6.13	<b>Flood risk assets</b> Maintain a register of flood risk assets, to help ensure that they are maintained and protected.	Provide a publicly available register.	Ongoing, with annual review.	Flood Risk and Drainage Team	2020/21: Publicly available register continues to be maintained.
6.14	<b>Drainage system mapping</b> Map and record all Ordinary Watercourses and sustainable drainage systems to ensure that they are protected from removal or damage that may reduce their effectiveness in reducing flood risk.	Obtain a comprehensive understanding of the natural drainage systems operating across the city.	Ongoing, with annual review.	Flood Risk and Drainage Team, with Parks and Open Spaces and Transport Strategy.	2020/21: Drainage system mapping continues to be maintained.
6.15	<b>Climate change cost-benefit assessments of flood measures</b> Introduce a process to consider the wider carbon costs or benefits, such as the 'embodied' carbon emissions from construction materials, when planning and delivering flood risk management schemes.	Whole life carbon emissions from schemes are minimised.	Process introduced in 2020/21 and used thereafter.	Flood Risk and Drainage Team, and other partners involved with the projects.	2020/21: Suitable training being investigated on measuring whole-life carbon emissions. Action to progress following training.
6.16	<b>Leicester Royal Infirmary - surface water flood alleviation scheme</b> Undertake a feasibility study for the scheme.	Study will identify the expected reduction in the number of properties at risk from flooding following the scheme.	2020/21 - 2021/22	Flood Risk and Drainage Team, working with Leicester Royal Infirmary and Severn Trent Water.	2020/21: Discussions begun with LRI but delayed due to Covid 19 priorities.
6.17	<b>Western Park Strategic Sustainable Urban Drainage Scheme (SuDS)</b> Undertake a feasibility study for the scheme.	Study will identify the expected reduction in the number of properties at risk from flooding following the scheme.	2020/21 - 2021/22	Flood Risk and Drainage Team, working with Parks and Open Spaces and	2020/21: Project currently being scoped out but delayed due to engagement difficulties from Covid 19.



No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
				Severn Trent Water.	
6.18	<b>Gilroes Brook flood alleviation scheme</b> Undertake a feasibility study for the scheme.	Study will identify the expected reduction in the number of properties at risk from flooding following the scheme.	2022/23	Flood Risk and Drainage Team, working with Parks and Open Spaces and Severn Trent Water.	2020/21: Project not yet scheduled to start.
6.19	<b>Hol Brook flood alleviation scheme</b> Undertake a feasibility study for the scheme.	Study will identify the expected reduction in the number of properties at risk from flooding following the scheme.	2021/22	Flood Risk and Drainage Team, working with Severn Trent Water and Leicestershire County Council.	2020/21: Flow gauges installed in strategic manholes and monitoring currently underway.
6.20	<b>Evington Brook flood storage area</b> Undertake a feasibility study for the scheme.	Study will identify the expected reduction in the number of properties at risk from flooding following the scheme.	2020/21 - 2021/22	Flood Risk and Drainage Team working with the Leicestershire Golf Club and Severn Trent Water.	2020/21: Discussions begun with golf club but delayed due to Covid 19.
6.21	<b>Flood mitigation measures - River Soar corridor</b> Work with stakeholders and partners such as the Environment Agency to support strategic interventions to further mitigate flooding within the city. Continue work to deliver the scheme at Everards Meadows as part of the ongoing programme of environmental improvements along the River Soar to increase flood capacity, reducing flood risk and increasing biodiversity	Evidence of funding bids. 3 schemes; significant wetlands (Aylestone Meadows phase 2, Everards Meadow, 1 other). Properties protected from flooding.	2020/21 delivery of existing schemes and programme 2021/22 onwards - funding bids	Development Team, with Planning (Nature Conservation) and Flood and Drainage.	2020/21: Delivery of existing schemes completed.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	along the riverside. Identify and seek additional funding to further this programme of work.				
6.22	<b>Property-level flood action plans</b> Provide information and support to help local businesses and residents become more resilient to flood events by developing their own flood action plans.	More properties and businesses with their own flood action plans.	2020/21 to 2022/23	Flood Risk and Drainage Team, working with Communications Team and Emergency Management.	2020/21: Currently establishing baseline of properties for flood Action Plans.
6.23	<b>Schools workshops about the water environment</b> Community engagement through Eco Schools and the "Sea Starts Here" campaign. Deliver workshops and projects in schools to increase awareness about the impacts of climate change, litter and waste (in particular single use plastics) on the water environment, and what we can do to protect it.	Delivery of presentations and stencilling workshops to between 20 - 40 schools. Collaboration with DMU Local to deliver the presentations and workshops.	2020/2021 - 2021/2022	Flood Risk and Drainage Team working with DMU Local and the Environmental Education Co-ordinator in Sustainability.	2020/21: Workshops and learning packages provided online due to Covid 19 restrictions.
6.24	<b>Planning - Green Infrastructure</b> Use existing, or introduce new, planning policies which encourage the provision of green infrastructure and maximising the benefits it has to mitigate and adapt to a changing climate. Applying these policies in discussions and negotiations on relevant planning applications as part of the development management, and compliance and monitoring regimes, where appropriate.	Continued use of existing planning policies and adopted new planning policies via the new local plan process which promote the provision and benefits of green infrastructure for new and existing developments. This will lead to measures including new tree planting, landscaping, green space creation and enhancement, sustainable drainage schemes and protection and enhancement of biodiversity.	2020/2021 - 2021/2022	Planning	2020/21: Policies being drafted within Local Plan work. Working with partners on natural capital opportunities and establishment of a Nature Recovery Network.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
6.25	<b>Planning - Biodiversity</b> Take opportunities to protect and enhance biodiversity and the natural environment in ways which mitigate and adapt to a changing climate. This involves updating guidance relating to climate change as part of the new biodiversity action plan, and, following the details of the forthcoming Environmental Bill, an approach to achieving a net gain in biodiversity using the planning process, which includes new policies and protection/enhancement sites in the new local plan.	Adopted new planning guidance, policies and sites which protect and enhance biodiversity and the natural environment, in ways which also contribute towards mitigating and adapting to a changing climate.	2020/2021 - 2021/2022	Planning	2020/21: Parts 1 & 2 of 10-year Biodiversity Action Plan approved as informal guidance and policies being drafted within Local Plan work. Biodiversity Impact Assessments applied to various sites and improvements agreed.
6.26	<b>Tree Preservation Orders (TPOs)</b> Seek to retain TPO trees within applicable powers and guidance, or secure appropriate replacements should their loss be justifiable.	Optimised consideration of Tree Preservation Orders to contribute to maintaining the city tree stock.	2020/21 to 2022/23	Planning Development Management	2020/21: Opportunities to retain TPO trees prioritised in planning applications for development.
6.27	<b>Volunteer Tree Wardens</b> Develop and introduce a new scheme to recruit and train volunteer Tree Wardens, to aid tree inspections, reporting and monitoring of tree stock.	15 wardens recruited and achieved Lantra tree survey and inspection qualification. Increased frequency of visual tree surveys and inspections, leading to improved monitoring of tree pests and presence of disease, and improved communication and reporting of tree stock concerns by the public.	2021/22 (Launch and recruitment) Ongoing scheme operation	Parks and Open Spaces	2020/21: Volunteering work on hold due to Covid 19 restrictions. Tree Warden scheme launch and recruitment planned for 2021/22.
6.28	<b>Climate woodland</b> Identify suitable locations and tree species for mass tree and hedge planting to create new 'climate woodland' in the city. Explore opportunities to partner with academic experts to monitor the climate, biodiversity and other benefits of the woodland as it develops. Also investigate how planting could be funded, apply for funding where	Agreed location/s for additional tree planting, available when funding is identified. Engage in partnership agreement with an academic institution. Planting to begin in winter 2020/21 and continue in future years, subject to funding.	2020/21 to 2021/22	Parks and Open Spaces, working with Trees and Woodlands, Conservation and Sustainability	2020/21: Priority sites identified. 4,848 trees planted on Knighton Park and Aylestone Meadows through Urban Tree Challenge funding and 600 planted through Tiny Forest project (see Action 6.29).

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	available and begin planting at the climate woodland sites.			through a working group	
6.29	<b>Tree planting in school grounds</b> Develop a project proposal with Trees for Cities to implement tree planting opportunities in school grounds.	Project proposal completed ready to seek funding.	2020/21	Sustainability	2020/21: Tiny Forest project delivered at Queensmead Primary Academy in partnership with Earthwatch. Further funding bids being developed for winter 2021/22.
6.30	<b>Bee Roads Project</b> Deliver a programme of wildflower planting and maintenance to increase the value of the city's road verges for pollinators and biodiversity. In so doing, to support species, some of which may be under increased threat as a result of climate change.	To increase the percentage of the city's roadside verges managed for biodiversity by 10% per annum to create additional habitat areas along roadside verges.	2020/21 to 2022/23	Planning and Parks and Open Spaces	2020/21: Mapping and management review of Bee Road sites completed and programme of sites for 10% gain in 2021/22 agreed.
6.31	<b>Healthy Cities Summit</b> Deliver an international Healthy Cities Summit in Leicester showcasing Leicester Public Realm Improvements. Highlighting Connecting Leicester and best practice in Street Design Guidance, Bike Share and low-carbon solutions.	Over 500 delegates, presentations from national and international experts.	Revised dates TBC	Transport Strategy	2020/21: Summit delayed by Covid 19, new dates to be decided.
6.32	<b>NEW: ADDED APRIL 2021</b> <b>University of Sheffield Urban Tree Research Project</b> Research project investigating the effects of climate change and urban stress on trees within the city	60-100 trees will be monitored with sensors and data captured will model the resilience of tree species in urban landscapes and will help guide future tree planting policy.	2021 to 2024	Standards and Development	<i>New Action: Updates to be provided from year two.</i>

## 7. The council

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
7.01	<b>Carbon neutral roadmap for the council</b> Develop a 'roadmap' of actions which could reduce the council's carbon emissions from its estate and operations, to enable us to be carbon neutral by or before 2030.	Version 1 of roadmap completed in 2021, then used to seek funding and plan programmes of decarbonisation work.	2021/22	Sustainability, working with a number of other sections of the council.	2020/21: New member of staff recruited to lead on this action, to be developed during 2021/22.
7.02	<b>Energy Surveys - Operational Estate</b> Undertake a full suite of energy surveys to establish the energy and carbon saving potential and identify actions.	Surveys will enable low carbon investment to be effectively targeted to decarbonise the estate.	2020/21 to 2022/23	Operations, EBS	2020/21: Surveys underway across council's estate, 20 complete. Further strategy for energy saving planned for summer 2021.
7.03	<b>Carbon savings from planned and responsive maintenance - Operational Estate</b> Develop a policy and process, based on the energy hierarchy, to respond to energy and carbon reduction opportunities in the planned and responsive maintenance programme, taking account of energy survey results.	The Hard FM team will have an agreed policy and process. Implementation will contribute to energy and carbon reduction to meet targets for the Operational Estate.	2020/21 to 2022/23	Operations, working with Sustainability	2020/21: Work delayed due to Covid-19.
7.04	<b>Agile working</b> Create new 'touchdown spaces' across the council's operational estate and introduce mobile technology to enable staff to work between site visits and meetings without the need to travel back-to-base.	Reduced carbon emissions from staff journeys by ensuring works can be undertaken from site. Reduction in mileage and carbon emission from staff vehicles. Lesser requirement for office space. Agile working to become the expected norm.	2020/21 to 2022/23	Operations, EBS	2020/21: Project now part of Action 7.27 - New Ways of Working.
7.05	<b>Training Programme for Estates and Building Services</b> Develop and implement a programme of training for EBS staff. Training to include carbon and climate adaptation implications of EBS services, opportunities through different job roles and low carbon technologies and	All staff in the division understand the contribution they can make to addressing the climate emergency.	2020/21 to 2022/23	Operations and Strategy and Business	2020/21: Training planned for later in 2021 as part of business recovery programme.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	standards as relevant to each service area. Training to include industry best practice guidance and materials.			Management, EBS	
7.06	<b>Minor works energy efficiency measures</b> Works with a total value of £1.8m to replace heating systems, boiler controls and windows at the following schools and children's homes: Alderman Richard Hallam, Avenue Primary School, Barley Croft Primary School, Evington Valley Primary School, Herrick Primary School, Linden Primary School, Marriott Primary School, Rolleston Primary School, Spinney Hill Primary School, St Barnabas Primary School, Wolsey House Primary School, Beaumont Lodge Primary School, Caldecote Primary School, Ellesmere College, Evington Valley Primary School, Fosse Primary School, Inglehurst Infant School, Netherhall Children's Home, Shaftesbury Junior School.	Energy and carbon savings to be monitored post-installation.	2020/21 to 2021/22	Hard FM	2020/21: 33% of projects completed, with remainder delayed to Summer 2021 due to Covid-19.
7.07	<b>Climate Emergency Schools Capital Fund</b> Deliver a holistic £20m capital investment programme to reduce energy use and generate renewable energy, including solar panels (PVs), LED lighting replacement, air source heat pumps and double-glazed windows, supported by Salix Finance.	At least 50 schools supported, generating a saving of at least 2000t CO <sub>2</sub> e per year.	2020/21 to 2021/22	Sustainability with Hard FM	2020/21: Successful bid secured over £20m funding for 55 schools and works started.
7.08	<b>Built Environment Services for Schools (BESS) Energy</b> Expand this school support programme to provide behavioural support to reduce energy use, cut costs and reduce carbon emissions in more schools.	At least 15 schools annually to be supported, saving on average 30t CO <sub>2</sub> e per year.	2020/21 to 2022/23	Sustainability with Soft FM and Hard FM	2020/21: Over 40 schools receiving support and carbon savings being evaluated.
7.09	<b>Power to Change - Next Generation</b> Support Green Fox Community Energy Cooperative to create and deliver an innovative, holistic business model to provide an ultra-low carbon solution for schools,	Within the 2 years of the project deliver the business model and associated capital investment - saving around 300t CO <sub>2</sub>	2020/21 to 2021/22	Sustainability	2020/21: ACTION COMPLETED. Business model produced and decision made not to take project forward.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	working with the Attenborough Learning Trust Multi-Academy Trust.				
7.10	<b>Climate toolkit for capital projects</b> Develop and implement a procedure, guidance and targets to address climate change in all capital projects. To include: - procedure and guidance for assessing the climate implications and carbon reduction options for any capital project, based on the Energy Hierarchy - corporate minimum requirements for carbon reduction and energy efficiency, and aspirational target(s) to be considered, at a whole building level - Authority's Requirements: where appropriate, technical standards and minimum requirements for individual building components and construction/demolition activities.	Toolkit applied to all projects. Options for appropriate carbon reduction and climate adaptation options to meet corporate targets are provided to decision-makers for all relevant projects prior to approval. Enhanced levels of carbon reduction, and climate resilience measures where necessary, are delivered to put the council on course to achieve its overall climate emergency goals.	2020/21 - 2021/22	Sustainability with Capital Programmes, Capital Projects, Development Team and Housing	2020/21: Consultants appointed to support development and introduction of toolkit and training.
7.11	<b>Capital projects programme management - climate considerations at gateway stages</b> Build in a requirement to use the climate toolkit to address climate implications in each capital project from the outset, ensuring that proposals cannot progress to approval without proper consideration of carbon reduction, based on the Energy Hierarchy, as well as climate adaptation opportunities and requirements - with appropriate measures costed and confirmed to meet agreed targets and performance standards.	Capital projects gateway process amended. Climate considerations explicitly addressed, with measures agreed, for all projects being submitted for approval.	2020/21 - 2021/22	Sustainability with Capital Programmes, Capital Projects, Development Team and Housing	2020/21: Work being delivered as part of Action 7.10 – Climate Toolkit for Capital Projects.
7.12	<b>Capital projects - carbon tracker</b> Develop and implement a system for recording carbon reduction and climate adaptation targets and measures agreed for all capital projects and council-supported development schemes, and for tracking their progress to	Carbon tracker to be developed and introduced, enabling improved management of climate measures and outcomes, and prioritisation of resources, across all programmes.	2020/21 - 2021/22	Sustainability with Capital Programmes, Capital Projects, Development	2020/21: Work being delivered as part of Action 7.10 – Climate Toolkit for Capital Projects.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	implementation - enabling oversight of climate outcomes by managers and senior decision-makers.			Team and Housing	
7.13	<b>Oaklands School expansion</b> Oaklands expansion to be developed as a low carbon building.	The following is to be aimed for subject to planning and budget restrictions. - High energy efficiency with high levels of insulation above building regulations standards, to ensure the building meets an EPC rating of B. - We are targeting an air tightness score of 3 or better.	2022	Capital Programmes	2020/21: Planning Application to achieve EPC rating of B submitted, with decision expected in May 2021.
7.14	<b>Demolition of Goscote House</b> Achieve a high recycling rate for demolition waste from this project to reduce the climate and environmental impact.	80% recycling target met for demolition waste.	2022/23	Capital Programmes	2020/21: Tender process for project underway.
7.15	<b>Demolition of 12-20 Cank Street/Market Square</b> Achieve a high recycling rate for demolition waste from this project, to reduce the climate and environmental impact.	80% recycling target met for demolition waste.	2022	Capital Programmes	2020/21: Executive decision requested, works planned to start Autumn 2021.
7.16	<b>Public Lighting</b> 2020/21: Replace 562 illuminated traffic bollards (which are on LCC cable network) with non-illuminated reflective self-righting bollards at an estimated cost of £98,500.	2020/21: Annual energy reduction of 110,000 kWh saving 30.5 tonnes CO <sub>2</sub> e and £15,800 per annum.	2020/21	Public Lighting	2020/21: Project to replace traffic bollards close to completion.
7.17	<b>Traffic signals</b> Renewal of end of life signals with LED signals and low energy equipment to reduce electricity consumption and carbon emissions.	2020/21: annual electricity consumption to reduce by 67,000 kWh, saving 18.6t CO <sub>2</sub> e per annum at an estimated cost of £150,000. 2021/22: renewal of 10 sites. Annual	2020/21 - 2021/22	Traffic management Service (Area Traffic Control)	2020/21: LED upgrades completed at 6 junctions and 3 crossings and installed as new at 1 new junction and 1 new crossing.



No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
		electricity consumption to reduce by a further estimated 54,000 kWh, saving 23.7t CO2e per annum at an estimated cost of £150,000.			
7.18	<b>Business Travel Policy</b> Introduce a Business Travel Policy, which includes the aim of minimising the environmental impact of business travel by the council.	Policy implemented from 2021/22. Carbon emissions from business travel reduced by applying the 'travel hierarchy' to favour zero or low-emissions options wherever possible.	2021/22	Human Resources with Fleet Service	2020/21: Policy developed and will be launched in May 2021.
7.19	<b>Council fleet - introduction of ultra-low emission vehicles</b> Continue to decarbonise our fleet, purchasing 19 new electric cars, vans and scooters in 2020/21. 15 will replace existing, mainly diesel, vehicles while 4 are additions to the fleet and are expected to mainly replace staff travel in their own cars. The replacement programme will continue year-on-year. 2021/22: purchase 17 more electric vehicles.	2020/21: 19 new electric fleet vehicles. Estimated carbon savings to be confirmed. Dependent on any potential extended lead times caused by the COVID 19 pandemic. 2021/22: Estimated carbon savings tbc.	2020/21 - 2021/22	Fleet Service	2020/21: 17 new ULEVs delivered, 2 expected Summer 2021 and 3 more under consideration.
7.20	<b>Electric vehicle charging - council fleet</b> Plan for and install EV charge points in the Operational Estate to enable charging of EVs in the council fleet.	Forward plan developed in consultation with the Fleet Service - will identify numbers and locations of charge points needed.	2020/21 to 2022/23	Operations, EBS	2020/21: Internal group established to manage programme led by senior managers. All new works to central offices to consider EV charging.
7.21	<b>Grounds Maintenance Machinery</b> Trial a selection of electric battery-powered grass mowing machines and hand-held machinery including: strimmers, leaf blowers and hedge cutters. We will complete an analysis of their capability and costs, to decide whether they currently offer a viable option to replace our petrol hand-held machinery. If the trial is a success, we will use the results to help inform the Depots Transformation Project to make sure	Confirm whether electric battery-powered equipment is yet good enough to replace our petrol fuelled machinery and enable a replacement programme to go ahead if it is. Potential carbon savings to be confirmed by the trial.	Trial in 2020-21	Parks and Open Spaces	2020/21: Trial and analysis completed. Recommendations to be presented with decision expected in June 2021.

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	that the council's depots can support any future requirements for charging electric equipment.				
7.22	<b>Grassland Strategy - relaxed mowing</b> Increase the area of mature grassland under a 'relaxed mowing' regime (fewer cuts per season), to improve biodiversity while reducing carbon emissions from the use of grounds maintenance machinery.	Increase from 39 to 50 hectares of grassland under relaxed mowing regime. Reduction in fuel use and carbon emissions to be identified from annual monitoring. Biodiversity benefits also expected, along with possibly a small extra amount of carbon sequestered.	From 2020/21	Parks and Open Spaces	2020/21: Mapping of grassland and review of maintenance strategies now completed.
7.23	<b>EBS Operations - Supply Chain Decarbonisation</b> Use the procurement process and supplier engagement to drive down carbon emissions and waste from services provided by external suppliers and from goods, based on the council's Sustainable Procurement Guidance and Social Value Charter.	Carbon emissions and waste reduction and recycling information to be provided by suppliers, monitored by Estates and Building Services, and reported.	2020/21 to 2022/23	Contracts and Business Development	2020/21: Work ongoing to embed Social Value into processes, set up monitoring and arrange workshops with supply chain.
7.24	<b>Workplace Waste Strategy</b> Develop a strategy to drive down waste from corporate offices which goes to landfill by applying the waste hierarchy: reduce, reuse, recycle/compost, then energy-from-waste. Look at when zero waste-to-landfill could be achieved.	Completion and approval of strategy. Ongoing reductions in waste to landfill and increasing percentages of waste being reduced, recycled or composted.	Publication in Q4 2020/21.	Operations, EBS	2020/21: Work delayed while offices not in use due to Covid 19. Work on strategy now in progress. Data capture and reporting mechanisms in development.
7.25	<b>Pension Scheme - Responsible Investment Plan</b> Through the City Council's representatives on the Leicestershire County Council Local Pension Committee, support steps being taken via the Responsible Investment Plan 2020 to address the climate risks of investments held by the Leicestershire County Council Pension Scheme. Encourage the management of funds	Implementation of the Responsible Investment Plan 2020. Positive influence on companies in which investments are held by the Pension Scheme, encouraging them to address climate change.	2020/21	Leicester City Council representatives on the Local Pension Committee (jointly with other	2020/21: Via its representatives on the Local Pension Committee, including the Deputy City Mayor responsible for Environment and Transportation, Councillor Adam Clarke, whose portfolio covers the Climate Emergency, the council is actively supporting steps being

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	to positively influence the approach to climate change being taken with regards to investment decisions.			Committee members)	taken through the Responsible Investment Plan 2020 to positively influence the approach taken to climate change within the Pension Scheme fund management.
7.26	<p><b>NEW: ADDED APRIL 2021</b></p> <p><b>Depots Transformation Project</b></p> <p>We will ensure that the proposals developed through this project for reconfiguring and modernising our council depots are fully aligned with our carbon neutral ambition. This includes facilitating the decarbonisation of our vehicle fleet and our machinery, as well as exploiting any opportunities to reduce mileage, save energy and generate more renewable energy. The project will also respond to any opportunities to increase the council's operational resilience to future impacts of climate change.</p>	Estimates of carbon savings and analysis of implications for the council's resilience to future climate change will be developed in tandem with the proposals. They will be added into this plan at the next update when confirmed.	2021/22 – 2022/23	TBC	<i>New Action: Updates to be provided from year two.</i>
7.27	<p><b>NEW: ADDED APRIL 2021</b></p> <p><b>New Ways of Working</b></p> <p>This is the title being given to the Council's office re-occupancy strategy post-COVID. It is expected to see a shift to 'agile working' and a reduction in the need for office space.</p> <p>The implications of the strategy for carbon emissions will be actively considered and monitored, including those from offices, from staff working at home and from travel - to ensure there is a net reduction.</p>	Reduction of 2 x office buildings. A measured reduction in mileage claims as staff work direct from home Energy reduction across the measured KWH / Employee Further metrics are being established for this	2021/22-2022/23	EBS Operations	<i>New Action: Updates to be provided from year two.</i>
7.28	<p><b>NEW: ADDED APRIL 2021</b></p>	Installation of new Smart devices to capture energy usage in all buildings. A link to a public portal (for staff) and	2021/22-2022/23	EBS Performance and Information	<i>New Action: Updates to be provided from year two.</i>

No.	Action	Outcomes Expected	Timescale	Responsibility	Progress and Achievements
	<b>Energy monitoring systems review</b> Review the Databird hardware and Stark/Dynamat software.	BI dashboard to provide the data to plan for further systems for reduction.			
7.29	<b>NEW: ADDED APRIL 2021</b> <b>Move to daytime cleaning</b> Consider moving cleaning operations to daytime hours to reduce office opening hours for all the council's central office buildings.	A reduction of energy used in central office buildings, leading to reduced carbon emissions.	2021/22	EBS Operations	<i>New Action: Updates to be provided from year two.</i>
7.30	<b>NEW: ADDED APRIL 2021</b> <b>St Margaret's Bus Station Redevelopment</b> A number of energy efficiency and renewable energy measures will make this a carbon neutral bus station. The bus station will include solar panels, electric bus charging points and secure storage for 150 bikes.	Carbon saving - 46 tons per year.	2020/21 - 2022/2023	Public Transport Team and Development Team	2020/21: Demolition of existing bus station due to be completed in April 2021 and work on new building scheduled to start in June 2021.
7.31	<b>NEW: ADDED APRIL 2021</b> <b>Sustainable New Bus Shelters</b> Roll out new bus shelters across the city with partner Clear Channel. (Please Note - the Council could not legally continue the exiting bus shelter contract and re-tendered the concession.)	480 new shelters; 30 with green roofs; 196 with solar powered lighting; existing shelters recycled with 100% diverted from landfill.	2021 to 2022	Major Transport Projects	2020/21: Installation of the new shelters has commenced.
7.32	<b>NEW: ADDED APRIL 2021</b> <b>Car parks - contactless payment</b> Contactless payment methods have been installed at council-run car parks. Piloting of payment by mobile phone for pay and display parking to begin in early spring 2021 - with a view to rolling out.	Introduction of contactless payment is expected to reduce electricity use and the resulting carbon emissions through the removal of parking payment machines and avoiding the need to replace machines in future. Machines are not separately metered and therefore it won't be possible to measure these reductions.	2021/22 - Piloting	TBC	<i>New Action: Updates to be provided from year two.</i>