

A Sustainable and Low Carbon City

Committee primarily responsible for development and progress of priorities: Environment, Sustainable and Carbon Reduction City Policy Committee.


Other relevant committee for implementation: Neighbourhood, Housing and Public Realm City Policy Committee and Wellbeing, Empowerment, Community and Citizen Engagement City Policy Committee.

Previous Performance:


2017/18 can be accessed [here](#).


2018/19 can be accessed [here](#).





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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
53. Review the options and feasibility for a new transport body for Glasgow, working in partnership across Glasgow City Region, to provide a more connected service for all our citizens and visitors.					
53.1 Work with transport providers, to provide the best possible service to elderly citizens	Continue to bid for funding to implement measures that improve accessibility throughout the city. <ul style="list-style-type: none"> Work with appropriate partners to investigate model for review of the age eligibility for MyBus demand responsive service to reduce from 80 years of age progressively over next 10 years to 70 years of age by utilising more cost effective delivery model. This will help us understand the impact of demand and opportunities for other cost effective models. This includes a private/social enterprise PSP model. This can further be developed 	SPT have responded that they have no immediate plans to review the age eligibility criteria identified within the milestone due to the additional funding required. They will however continue to explore new opportunities to deliver the current service at a more competitive cost thereby perhaps being more amenable to the request for reducing the age threshold for accessing demand responsive service to 70.	Following the introduction of the Transport (Scotland) Act 2019, the guidance is anticipated to be published sometime in 2020. Following this, we will conduct a review to determine if any new opportunities are presented to deliver this service in a more cost effective manner, thereby creating the opportunity to review the age criteria.	N and S	

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	<p>under the auspices of the Glasgow Bus Partnership.</p> <ul style="list-style-type: none"> Request that SPT undertake the evaluation and determine the appropriate service delivery model to challenge current solution. With development of this lower cost solution this would seek to commence first incremental step to age 79 to commence 1 January 2020. 				
<p>53.2 Review the options for a transport for Glasgow body, working with transport providers and the Scottish Government.</p>	<p>Review the options for a transport for Glasgow body.</p>	<p>Strategic Transport Group (STG) has been created with membership from SPT, GCC, Glasgow City Region and Transport Scotland, to create a collective response to the recommendations within the Connectivity Commission. The first recommendation within Phase 2 is to enact primary legislation for the 'creation of a Glasgow City Region Development Agency to plan and coordinate transport infrastructure at the city region level'.</p> <p>The STG will provide reports to the GCC Transport Delivery Steering Group.</p>	<p>The STG is developing a work plan for 2021 for discussion and agreement in January 2021 to monitor and support alignment of strategic objectives.</p> <p>The development of the Glasgow, Regional and National Transport strategies and Metro Feasibility Study are presently progressing at different stages and timelines may be subject to change to support any transport transition responses arising from the Covid pandemic</p>	<p>N and S</p>	
	<p>Work with partners to ensure that the city has an integrated transport system, using best practice available and the most up-to-date technologies through collaborative working with neighbouring</p>	<p>Internal engagement has begun to capture the data required to develop the local transport strategy.</p>	<p>External engagement sessions will be set up January to March 2020 to capture all the relevant issues/challenges.</p>		



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	authorities/Glasgow City Region.				
54. Invest in roads and pavement maintenance, improving conditions, residents' satisfaction and contributing to active travel networks. Ensure community involvement in local decision making about this investment.					
54.1 Invest in pavements, roads and active travel networks to; Bring roads to a good standard of repair within 5 years and maintain through programmed maintenance.	Use annual Road Asset Status and Options reports to make informed budgetary and investment decisions. <ul style="list-style-type: none"> Present completed Annual Status and Options Report (ASOR) to Committee. 	Compilation of the required data is underway to help inform budget options to be included in the 2019 ASOR. The 2019 ASOR was presented to the Environment, Sustainability and Carbon Reduction City Policy Committee on 26th November in order to inform the 2020/21 budget setting process.	Details from 2019 ASOR will inform the 2020/21 budget setting process.	N and S	
	Continue to prepare annual ASOR and update the Road Asset Management Plan (RAMP) every 3 years, engage with elected members and communities as part of that process. <ul style="list-style-type: none"> Continue to present the ASOR annually Present an updated RAMP to Committee. 	Updated RAMP is currently being prepared for Committee.	The updated RAMP will be reported to the Environment, Sustainability and Carbon Reduction City Policy in February 2021.		
	Work with partners to provide the most up-to-date technology available to improve the walking environment. <ul style="list-style-type: none"> Continue to work with partners and our supply chain to improve the walking environment 	NS are continuing to work with partners and our supply chain to investigate new technologies that will improve the walking environment. Examples of recent work – surfacing materials and techniques: NS have undertaken trials of a new thin carriageway surfacing treatment from one of our suppliers, and are in the process of trialling some further patch repair materials. NS are due to trial a number of design mixes in order to establish a standard surfacing material for Glasgow's Cycle network that provides the correct balance of	NS are due to trial a number of design mixes in order to establish a standard surfacing material for Glasgow's Cycle network that provides the correct balance of technical performance and aesthetic appearance.		

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		technical performance and aesthetic appearance.			
54.2 Permanently repair and resurface first time, starting with areas that are currently in the poorest condition	Implement a new safety and inspection policy which will provide scope for increasing the number of first time permanent repairs on the network.	New road safety inspection and repair policy introduced on 4 April 2019 . Training of staff was undertaken in September and October 2019 on the new process to support the implementation of the Policy. Back office systems have been adapted to support implementation. The new Policy was implemented on the 1st November 2019.	A suite of performance indicators will be developed to support the assessment of the new policy and a review will be conducted in late 2020 to assess the impact of the policy.	N and S	
54.3 Improve the walking environment by maintaining pavements, and ensure safe crossings are in place.	Embed walking improvements into all our surfacing projects wherever possible.	Complete. Final update reported end of Year 2 (2018/19) .		N and S	
54.4 Consider how to best involve local communities to ensure they have their say in how local networks of paths, pavements, roads, bus routes and rail are planned, built, maintained and used	<p>Assist in establishing joint budgets and sharing local knowledge, giving people greater control and improving outcomes for local people.</p> <ul style="list-style-type: none"> • Implement proposal in relation to public participation. • Implement the participatory budgeting model. <p>Develop a method for enabling public participation in a significant proportion of planned capital programmes, whilst maintaining an optimised investment strategy.</p>	The Roads Investment Strategy presentation for the Local Area Partnerships has been presented during August 2019. This provided the opportunity for local communities to feedback and input into this years, and future, surfacing programmes.	Feedback will be incorporated into future surfacing programmes.	N and S	
55. Prioritise sustainable transport across the city					
55.1 Prioritise sustainable transport across the city	Deliver the Sustainable Transport theme of the City Development Plan, including: 1.South City Way Cycle Route	Phase 4A was due to start on site in February 2020, however was not awarded due to SPEN cabling works for Buchanan Wharf taking priority. Subsequently it was re-tendered.	Continuation with the detailed design and procurement of Phases 4B, 4C and 5.	N and S	



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	<ul style="list-style-type: none"> • Complete Phase 3 on Victoria Road from Queens Park train station to Coplaw Street by November 2020. • Complete Phase 4A (Cumberland St / Gorbals St / Cathcart Rd junction) by end Jan 2021. Construction will commence in November. This section included the introduction of a bus gate north of the Cumberland St junction however this was introduced in advance in August 2020 as part of the Spaces for People project. • Complete Phase 4B (Gorbals St to Victoria Bridge) by Oct 2021. • Complete Phase 4C (Clyde St / Stockwell St / Bridgegate junction) by Spring 2022. • Complete Phase 5 (Bridgegate & King Street) by end 2022. <p>2. Deliver a Connectivity Plan for Glasgow.</p> <p>3. Deliver a Liveable/ Neighbourhood Plan.</p> <ul style="list-style-type: none"> • Deliver a new City Centre Traffic Management Strategy. • An all-encompassing liveable/neighbourhood plan 		<p>The Public Conversation for Connecting Communities which covers our 3 transport plans was delayed due to COVID and undertaken between the 21st Sep 20 and the 30th Oct 20. A report on the Consultation will be submitted to Committee in the new year.</p> <p>It is not now envisaged that the 3 plans will be finished until November 21.</p>		

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	will be drafted by October 2020 which will improve local journeys to and from the city centre as well as enhance walking and cycling to neighbouring communities.				
56. Improve and refine the Statutory Quality Bus Partnership and explore, with transport providers, how to implement an integrated ticketing system.					
56.1 Work with transport providers to explore how to deliver a smart one-ticket system for travel on all public transport.	Participate in advancing any further developments of the system in collaboration with SPT.	Continue to work with SPT to support any further developments of the system.	Continue to work with SPT to support any further developments of the system.	N and S	
56.2 Improve and refresh the Statutory Quality Partnership.	Work to establish and develop Glasgow Bus Partnership. • Glasgow Bus Partnership to be delivered by GCC, Bus Operators, CPT and SPT working in a pre-legislation collaborative partnership. Partnership formal documentation with 5 years roll-out programme targeted for completion June 2019.	A key announcement, as part of Scottish Governments – Programme for Government has launched a fund of £500 million to deliver a programme of Bus Priority Schemes. Accessing the fund is conditional upon the priority measures being developed under a Bus Service Improvement Partnership (BSIP) which has just been announced in the 2019 Scottish Transport Act. Introducing a BSIP and then constituting it under the new BSIP Scheme will require a significant resource commitment and extensive consultation including with the primary user, the Glasgow public bus passenger. This will require the informal arrangements under the Glasgow Bus Partnership to be constituted under the formality of a new BSIP.	Await publication of the regulations regarding Bus Service Improvement Partnerships within the Transport Bill.	N and S	
57. Explore the feasibility of a local bus franchising framework to deliver a more connected service across the city.					
57.1 Explore the feasibility for a local franchising framework for Glasgow's buses, to	Provide any technical advice/support required to SPT.	Under the terms of the new Scottish Transport Act the ability to establish a franchise arrangement has been introduced. The legislation, prior to the guidance being	Discussion with other local authorities regarding bus provision will continue.	N and S	



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deliver a more integrated, comprehensive and connected network across the city.	<ul style="list-style-type: none"> Appraise requirements based on terms under the new Transport Bill 2019 	developed and issued, does suggest that setting up a franchise will be a significant undertaking on council resources.			
	Monitor outcomes of Glasgow Bus Partnership and terms of new Transport Bill regarding franchising powers. <ul style="list-style-type: none"> Monitor outcomes of Glasgow Bus Partnership and terms of new Transport Bill regarding franchising powers. 	Under the terms of the new Scottish Transport Act the ability to establish a franchise arrangement has been introduced. The legislation, prior to the guidance being developed and issued, does suggest that setting up a franchise will be a significant undertaking on council resources.			
58. Explore the feasibility of bringing the subway under the governance of the city and options for extending its coverage.					
58.1 Explore the feasibility of bringing the subway under the governance of the city and options for extending its coverage.	Explore the feasibility of bringing the subway under the governance of the city and options for extending its coverage. <ul style="list-style-type: none"> Continue to explore the feasibility of bringing the subway under the governance of the city and options for extending its coverage. Consider recommendations from the second phase report of the Connectivity Commission. 	Strategic Transport Group (STG) has been created with membership from SPT, GCC, Glasgow City Region and Transport Scotland, to create a collective response to the recommendations within the Connectivity Commission. The first recommendation within Phase 2 is to enact primary legislation for the 'creation of a Glasgow City Region Development Agency to plan and coordinate transport infrastructure at the city region level'. The STG will provide reports to the GCC Transport Delivery Steering Group.	The STG is developing a work plan for 2021 for discussion and agreement in January 2021 to monitor and support alignment of strategic objectives. The development of the Glasgow, Regional and National Transport strategies and Metro Feasibility Study are presently progressing at different stages and timelines may be subject to change to support any transport transition responses arising from the Covid pandemic.	N and S	
59. Progress reducing the speed limit on all suitable residential roads to 20mph and consider how we manage traffic speeds throughout the city. Support communities to implement traffic free zones around schools and traffic calming measures.					
59.1 Promote options to reduce the speed limit to 20mph on all roads except major through routes.	Continue policy for introducing mandatory 20mph zones within the city. <ul style="list-style-type: none"> Continue policy for introducing mandatory 	The Private members bill did not progress past Stage 1 of the Scottish Parliament process. A report was considered by the Environment, Sustainability and Carbon	The City-wide 20mph scheme was approved at City Administration Committee on 23 January 2020 for implementation over a four	N and S	

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	20mph zones within the city and monitor progress of the private members bill.	Reduction City Policy Committee in November 2019 .	year period, subject to funding. The project has been delayed significantly by the COVID pandemic and no work has been undertaken on it since March. Staff resources have been reallocated to Spaces for People and the acceleration of School Car Free Zones projects in response to the pandemic. The re-start timescales will depend upon staff resources becoming available from these projects.		
59.2 Consult with communities to implement traffic calming and reduce through traffic in residential areas.	<p>Arrange a workshop to advise members on the current policy with regard to traffic calming. The workshop will consider new initiatives, policy, funding and legislative requirements.</p> <ul style="list-style-type: none"> As part of the development of the neighbourhood model, various methods of citizen engagement will be utilised to promote the current policy across the city and provide a framework for citizens to influence their neighbourhoods' traffic. 	The implementation of the neighbourhood model has allowed various methods of engagement to be utilised which have superseded the need for a workshop. This action is therefore considered to be complete.	Complete.	N and S	
60. Work with Scotrail and Network Rail to ensure stations deliver economic benefit, and that assets, such as arches, can be brought back to productive use.					
60.1 Work with the Scotrail Alliance to develop our railways as an economic stimulus, including strategies for	Continue to work with partners to develop railways and stations as laid out in the City Development Plan .	Support has been provided to the construction of Robroyston station and access road. Station opened in December 2019.	Engagement with Transport Scotland is due to commence.	DRS	

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getting the most from local railway stations as locations for retail and other businesses and as natural hubs around which new housing and neighbourhoods can be planned and built.	<ul style="list-style-type: none"> Ongoing Partnership working undertaken to establish delivery partners for high street station. 	Progress on the design for High Street station has been delayed due to issues with survey work. Engagement with Network Rail has been ongoing to take the project forward.			
60.2 Consider options with Network Rail for gaining access to railways arches and unused land in their ownership so that they can be brought back into productive life.	<p>Options for how we do this and negotiate with Network Rail need to be considered.</p> <ul style="list-style-type: none"> Engage with stakeholders to further develop railway arches where the opportunity arises. 				
61. Develop options for the city to introduce Scotland's first low emission zone and work with partners on the introduction of a cleaner fleet of buses and cars – including electric.					
61.1 Reduce private motor use in parts of the city and to work towards the removal of diesel-engined vehicles by 2027.	<p>Continue to work within the context of the forthcoming National Low Emission Framework.</p> <ul style="list-style-type: none"> Continue to develop detailed implementation plan, signage and stakeholder engagement at each go live stage. 40% of bus journeys through the city centre LEZ will be by EURO VI vehicles or better by the end of 2019. 	Year 2 Traffic Regulation Condition agreed with the bus industry and Traffic Commissioner, which will require a minimum 40% of all bus journeys through the LEZ to be made by vehicles which have a Euro VI standard engine or better.	The agreed timescales is March 2022 for all bus journeys and the extension of the LEZ criteria to all other vehicle types.	N and S	
61.2 Develop options for the city to introduce a Low Emissions Zone to tackle air pollution in the city centre.	<p>Develop a business case and options to introduce the first Low Emission Zone in Scotland.</p> <ul style="list-style-type: none"> Continue to consult and engage other sectors and residents, alongside national 	Year 2 Traffic Regulation Condition agreed with the bus industry and Traffic Commissioner, which will require a minimum 40% of all bus journeys through the LEZ to be made by vehicles which have a Euro VI standard engine or better.	The agreed timescales is March 2022 for all bus journeys and the extension of the LEZ criteria to all other vehicle types.	N and S / DRS	

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	discussions through Transport Scotland, ensuring consistency across Scotland's four main cities.				
61.3 Work with partners to develop a network of park and ride facilities with connecting transport routes to reduce congestion.	Work with SPT to develop connectivity between transport routes and reduce congestion. <ul style="list-style-type: none"> Part of review of the new Regional Transport Strategy by the end of 2020. 	As part of the Regional Transport Strategy, the issues and objectives for transport in the region are being identified with specific park and ride interventions due to follow.	The STG is developing a work plan for 2021 for discussion and agreement in January 2021 to monitor and support alignment of strategic objectives. The development of the Glasgow, Regional and National Transport strategies and Metro Feasibility Study are presently progressing at different stages and timelines may be subject to change to support any transport transition responses arising from the Covid pandemic	N and S	
61.4 Encourage increased use of electric vehicles and work to support this by our traffic management and parking regulations.	Continue to work with Transport Scotland to grow the electric vehicle charging infrastructure. <ul style="list-style-type: none"> Develop draft policy to the Environment, Sustainability and Carbon Reduction City Policy Committee. 	The Council has now approved a Fleet Strategy with a roadmap over the next decade to become a zero emissions fleet operator. The LEZ is currently operational with the first year target having been met and exceeded by bus operators. The second year target also has commitments from bus operators in being met. The announcement of Glasgow being the first city to net zero will be a challenge for all transport operators and GCC must now, with its fleet strategy programme now determined, lead by example. New electric cars and vans will enter service early 2020. Hydrogen fuelled gritters are currently being specified for introduction into service in	Electric Vehicle Charge Point Policy was presented to the Environment, Sustainability and Carbon Reduction City Policy Committee in February 2020.	N and S	

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	<p>Deliver the H2020 Ruggedised project and learn from its demonstration of renewable energy fuelled electric vehicle charging hubs to inform future replication of charging hubs in the city.</p> <ul style="list-style-type: none"> • Additional works programmed to upgrade sub-station to enable increased capacity and additional EV chargers. • Specification for EV chargers integrated into street lighting finalised and passed to CPU to commence procurement. Suppliers of technology have been invited to deploy demonstrations in project district. Programmed to coincide with ISL deployment. • Procurement of Solar PV canopy and battery solution is complete and the installation programme is underway. The installation date has been rescheduled from August 2019 to October 2019. The EC are aware. • Install EV infrastructure and ancillary smart technologies. Update: Currently progressing on plan. 	<p>2020 and development work is soon to commence on introducing full hydrogen fuel cell powered trucks into our fleet.</p> <p>The Substation works are now complete. Company procured to deliver the Solar PV and battery elements is no longer trading. Challenges have arisen with the funding. Alternative funding has now been secured for these elements detailed above. NS are in discussion with the EU about an extension to allow a new delivery partner to be procured and these elements delivered.</p> <p>Several deliverable reports have been submitted. Some deliverables are linked to the pending extension from the EU. All other elements on track.</p> <p>Charge Points are ready for installation. Currently, awaiting the delivery and installation schedule of street light columns.</p>	<p>NS continue discussions with the EU about an extension to allow a new delivery partner to be procured and these elements delivered.</p> <p>Additional Funding from Transport Scotland and Scottish Power Energy Networks has been secured and the procurement of the contractor will be completed in January 2020 and work is planned for early February 2020, with completion July 2020.</p>		

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<p>61.5 With partners on the introduction of a cleaner fleet of buses and cars – including electric.</p>	<p>Pilot electric vehicles for operational fleet requirements.</p>	<p>Currently underway with a range of vehicle types already being trialled including cars, vans, RCVs, buses and road sweepers.</p>	<p>Progress with the procurement exercise to procure 100 electric cars and vans. In addition, the procurement is being supported by a Scottish Government grant of £805,000 for a dual fuel hydrogen powered gritter fleet.</p>	<p>N and S</p>	<p style="text-align: center;">A</p>
	<p>Replace vehicles. Develop a business case and options report to introduce more electric vehicles to the NS fleet.</p> <ul style="list-style-type: none"> Paper to be presented to the Environment, Sustainability and Carbon Reduction City Policy Committee to outline fleet assets, how often we require to replace them and alternative fuel potentials (June 2019). 	<p>The Council has now approved a fleet strategy with a roadmap over the next decade to become a zero emissions fleet operator.</p> <p>It was anticipated that the technical development of the Hydrogen solution would be later in the fleet replacement programme, however the Council has been working very close with Transport Scotland to advance the full fuel cell heavy truck. Grant funding is under discussion to convert a Refuse Collection Vehicle and one of our waste transfer Articulated Trucks to Hydrogen Fuel Cell. This new opportunity may allow us to introduce our Hydrogen solution sooner and temporary fleet upgrades are under review.</p>	<p>Gritters – dual fuel hydrogen: delivery to commence Qtr 4/2020.</p> <p>RCVs – 12/22/26/32 tonne. Development timescale for Full Fuel Cell Hydrogen has advanced and therefore short term hire of 50 RCV and 10 Refurbished RCVs now being programmed. This will permit older GCC RCV's to be decommissioned and newer temporary fleet introduced with Zero Emissions Hydrogen fleet being introduced earlier than anticipated.</p> <p>Car fleet, electric, delivery to commence Qtr. 2/2020.</p> <p>Road sweeper/precinct sweeper, electric, delivery to commence Qtr. 1/2021.</p>		
	<p>Evaluate alternative emerging fuels including Hydrogen,</p>	<p>The Council has now approved a fleet strategy with a roadmap over the next</p>	<p>Hydrogen fuelled gritters are currently being specified for</p>		

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	<p>Hydrotreated Vegetable Oil, Compressed Natural Gas and electric vehicle and hybrids for use in Glasgow's own operational fleet across waste management, roads maintenance, social work and ASN fleet and where heavier vehicles deployed that may strain electric charging infrastructure.</p> <ul style="list-style-type: none"> Client requirements will inform asset and business fleet. <p>Greener fuels will be utilised in a greater percentage of assets.</p>	<p>decade to evaluate emerging alternative fuels.</p>	<p>introduction into service and development work is soon to commence on introducing full hydrogen fuel cell powered trucks into our fleet.</p>		
	<p>Procurement of approximately 100 light electric vehicles to replace existing fleet. We are also investigating possibility of trialling an electric RCV with a view to future purchase and/or retrofitting.</p>	<p>Funding has been approved by the Scottish Government to procure electric cars.</p>	<p>Electric vehicles are now being delivered and will commence in operations in the next few weeks. Deliveries were delayed due to the pandemic and a significant number of staff require to be trained in the use of these new electric vehicles. Over 20 cars are already on-site with further batches being delivered from January through to March 2021, at which time we will have 280 electric cars and light vans in the fleet. In support of our zero emission fleet target, a full battery electric RCV has been ordered with funding support</p>		

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			from Transport Scotland with delivery scheduled for Christmas 2020. Across N&S, and also with client departments, we are conducting evaluation trials on a range of battery electric vans and precinct sweepers, replacing diesel powered fleet. With funding support from Transport Scotland we have ordered the first of our Full Hydrogen Fuel Cell RCV's which will be developed and build during 2021 for operational service the following year. With zero emission fleet replacements, GCC from April 2021 will have reduced its carbon output by 736 tCO2e		
62. Review the affordable warmth scheme and consider how to make best use of current resources to support as many older peoples' households as possible.					
62.1 Review the Affordable Warmth Scheme, with the intention of extending the scheme to more of Glasgow's older people's households.	Deliver the Affordable Warmth Strategy 2017 - 2022 .	Planning and reporting of HEEP/SEEP is reported under priority 69.		DRS	See priority 69
63. Give all children better access to outdoor play by upgrading school playgrounds and play areas.					
63.1 Upgrade and improve school playgrounds and local play areas.	Prioritise additional £500k revenue funding on upgrade of existing play areas by; planned/previously agreed improvements; condition of equipment; High SIMD	Work is progressing to conduct the major refurbishment of the play areas requiring improvement. Tenders have now been returned for the play area installation contract.	Proposals for other locations to be tendered. Festival Park, King George V Park, Ashtree Park – additional improvements	Education Services / N and S	



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	<p>(Scottish Index of Multiple Deprivation) areas.</p> <ul style="list-style-type: none"> Major refurbish to 5 play areas plus improvement to 12 play areas, (funding dependent). <p>With partners consider the role that Parks and Open Spaces play in providing an environment for Early Years Education and Childcare by participating in the current pilot.</p> <ul style="list-style-type: none"> A new nursery in Tollcross Park with pre-contract phase to start 1 May 2019 with planned on-site for 1 May 2020 and completion 1 May 2021. Ongoing - Working with Education, PALS and partner providers to design/provide outdoor learning facilities within parks 	<ul style="list-style-type: none"> Cranhill Beacon - complete. Outdoor gym and play renovations at KGV Park complete. Ashtree Park renovations complete. <p>NS have worked with Education and a range of Existing Early Years providers to gain an understanding of the requirements to support increased opportunities for outdoor learning, and to support existing initiatives. NS have worked alongside Education and PALS in relation to 3 new Early Years buildings next to parks.</p> <p>Other locations include: Broomhill Nursery – at design stage Carntyne – at design stage Cuthbertson – Govanhill – at design stage Tollcross Park</p>	<p>being designed for tender issue and implementation in 2020.</p> <p>Continue to work with education and PALS.</p>		
64. Improve the city's cleanliness and recycling rates, and residents' satisfaction with these issues.					
64.1 Improve Glasgow's recycling record, including addressing the particular challenges facing tenemental neighbourhoods.	Progress the Bin Replacement Programme throughout the City. <ul style="list-style-type: none"> Phase 2 - April 19 to March 20 (76 Routes) 	Phase 2 of the programme began during April 2019, with an initial focus on the remainder of the North West area. The North West area and city centre (west) was completed during December 2019. Phase 2 (city centre east and north east) began in January 2020 and the majority of Phase 2 was completed by April 2020. Delivery to approximately 120 properties requiring an alternative method of collection will be completed by October 2020.	Phase 3 started in the South of the City from April 2020 and will be completed by November 2020.	N and S	



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		<p>Phases 2 and 3 will adopt an 8 day general waste and 16 day recycling service frequency. A number of properties will continue to remain on their existing collection frequency due to service difficulties.</p> <p>An accelerated programme for part Wards 6 and 7 has been approved and was completed during November 2019.</p> <p>Phase 3 started in the South of the City from April 2020 and will be completed by November 2020.</p> <p>Current total progress to date has resulted in;</p> <ul style="list-style-type: none"> • 143,000 flats being serviced. • 45,327 small metal dustbins being removed. • 45,091 replacement green general waste bins being provided. • 30,340 replacement blue recycling bins being provided. • 100% additional capacity for general waste (green) • 75% additional capacity for recycled waste (blue) <p>The programme is currently 95% complete.</p>			
64.2 Through community planning structures, enable communities to actively participate in the cleansing and recycling	Utilise Community Planning Area Partnerships for the purpose gaining community participation in service design and delivery.	Neighbourhood Liaison Managers are now in place. All elected member engagement has been completed and planning work has commenced on tailored Neighbourhood Strategies and Ward Plans.	New Ward reports are due to be produced for Area Partnerships in Spring 2021 in line with the timescales for Clean Glasgow	N and S / CED	





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decisions that are taken in their local areas.	<ul style="list-style-type: none"> Develop citizen engagement strategy as part of the development of the neighbourhood model. 				
64.3 Develop an integrated strategy for waste management, cleansing and recycling across the city.	Deliver the actions outlined in the Tackling Glasgow's Waste Strategy & Action Plan 2015-2020 .	An assessment has been conducted in relation to the 2015-2020 strategy and this will inform the development of a new waste strategy.	New waste strategy due to be presented to the Environment, Sustainability and Carbon Reduction City Policy Committee February 2021	N and S	
	The Glasgow Recycling Renewable Energy Centre is scheduled to become operational by end 2018 <ul style="list-style-type: none"> In 2019/20, the council expects to deliver the full 200k tonnes per annum to the GRREC. Reduce tonnage of residual waste sent to Landfill. Tonnage and percentage of waste recycled by GRREC. (Target 10%). 	By end of Q3, the new haulage working patterns have been implemented and currently working well. Q3 statistics: <ul style="list-style-type: none"> Tonnage through GRREC Contract= 142k Tonnes GRREC recycling rate= 7.3% % sent to Landfill =47% Total Electricity production from GRREC= 20,117 MWh New line to process oversize waste is in commissioning/testing stages.	Planned commencement date for new line is Spring 2021 and it is currently on schedule. This will: <ul style="list-style-type: none"> Reduce the build-up of waste in reception hall. Ease traffic congestion. Reduce oversize waste sent to landfill. Increase the throughput of the plant. 		
64.4 Ensure that management and working practices are fit for purpose for renewed focus on cleaner neighbourhoods.	Introduce a new approach to cleansing and waste collection.	An assessment has been conducted in relation to the 2015-2020 waste strategy and this will inform the development of a new waste strategy.	New Waste Strategy is scheduled to go to the Environment, Sustainability and Carbon Reduction City Policy Committee in February 2021	N and S	
	Demonstrate that the Council has a robust and credible plan in place to tackle any challenges and improve customer satisfaction through the Streetscene	Some key achievements of the Improvement and Action Plan include: <ul style="list-style-type: none"> Point 12 – carry out review of Zones as per the Code of Practice on Litter and Refuse - complete 	Clean Glasgow relaunch scheduled for Spring 2021. The Litter Prevention Action Plan is scheduled to be considered at the Environment, Sustainability		



A Sustainable and Low Carbon City


Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
	Improvement/Action Plan 2017-18.	<ul style="list-style-type: none"> Points 21/22 – introduce technology to Mechanical Sweeping Fleet - complete Points 23,24,25 – review and replacement of all Street Litter Bins across the City – complete Point 37 - provide twice yearly reports to Area Partnerships – complete <p>A Litter Prevention Action is currently under development which will focus on ensuring cleaner neighbourhoods.</p>	and Carbon Reduction City Policy Committee in late Spring 2021.		
64.5 Sign Glasgow up to the Charter for Household Recycling agreed by the Scottish Government, Zero Waste Scotland and COSLA.	Engage with Zero Waste Scotland and undertake a detailed review of the charter, through ongoing engagement. <ul style="list-style-type: none"> Zero Waste Scotland to undertake modelling of the current system, and identify what actions would be required to transform the service into a Charter compliant service and assess the cost implications. A future report on the outcomes of the work on the systems modelling is to be brought back to committee for further consideration. 	Zero Waste Scotland has now completed the first data analytics review via their modelling tool. It should be noted that the outcomes are now based on the impact of the Deposit Return Scheme rather than a charter compliant service.	Complete.	N and S	
64.6 Aim to make Glasgow a 'circular economy', where production of waste is reduced to the minimum possible.	Continue to work closely with the Glasgow Chamber of Commerce to develop a Circular Glasgow model, which has already attracted investment from Zero Waste Scotland and led to innovative new business opportunities.	A total of 61 formal assessments have been undertaken to date with the SME sector in Glasgow. The aim is to enhance the capacity for a business to engage in more circular practices and to identify opportunities for business diversity and growth through the circular economy.	Circular economy route map due to be presented to the Environment, Sustainability and Carbon Reduction City Policy Committee in late 2020.	N and S	



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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
	<ul style="list-style-type: none"> Funding identified through Zero Waste Scotland to develop initiatives and activity. 				
65. Build high quality, inclusive active travel infrastructure, investing a minimum of 10% of our transport infrastructure budgets in cycling and walking to make Glasgow an excellent cycling and walking city.					
65.1 Invest 10% of our active travel budget on making Glasgow an excellent walking and cycling city.	Develop a methodology for estimating and defining expenditure spent on cycling and walking over the next Council term.	Well over 10% of the Council's transport infrastructure budget is spent on active travel related projects. As well as specific cycling projects such as the South City Way most of the City Deal projects include infrastructure to improve conditions for walking and cycling. Indeed there is an active travel element to most transport related infrastructure projects and it was estimated that in 2018/19 this equated to around 75%.	Complete.	N and S / DRS	
65.2 Focus on community public transport provision and fostering a city centre with fewer motor vehicles.	Investigate the possibility of further traffic management measures to reduce traffic in the city centre in conjunction with the development and implementation of the 'Avenues' to create a less vehicle dominated city centre. <ul style="list-style-type: none"> Continue to test scenarios. 	Work is currently underway, this includes modelling of traffic movement options and a public engagement exercise. This will also form part of the City Centre Transformation Plan, work on this is progressing as of October 2019. The public consultation launched from Monday, 21st September 21 to Friday 30th October	Two webinar events were held on <ul style="list-style-type: none"> 23 September 7 October - second webinar held was on Transport, People and Place. This relates to the work of the Liveable Neighbourhoods and City Centre Transformation Plans 	N and S	
65.3 Encourage greater use of active travel in the city	Utilise £550k Smarter Choices funding to undertake campaigns promoting active travel in the city. Continue to bid for further funding to undertake promotional campaigns encouraging active travel.	Complete. Final update reported end of Year 2 (2018/19) .		N and S / DRS	

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
65.4 Prioritise safe streets through the planning process.	Deliver the City Development Plan , which includes placemaking and sustainable transport	Planning and reporting of the City Development Plan is reported under priority 76.		N and S / DRS	
65.5 Audit existing cycling infrastructure and assess how many kilometres of inclusive, safe cycle paths we currently have, and where upgrading is necessary.	Develop an Annual Status and Options Report to inform investment decisions. <ul style="list-style-type: none"> Next ASOR will include information on audit of existing cycling infrastructure. 	An audit of the existing cycling infrastructure has been completed. This has now been incorporated in the ASOR which was presented at the Environment, Sustainability and Carbon Reduction City Policy Committee on 26 November 2019 .	Complete.	N and S / DRS	
65.6 Ensure new cycling infrastructure is of high quality, looking to good practice in cities internationally.	Continue to seek and implement good practice and innovation from around the world to ensure all cycling infrastructure is of high quality. <ul style="list-style-type: none"> Continue to liaise with other cities on developments including a proposal for Mini Holland. 	The development and implementation of the Connecting Woodside 'mini Holland' project is progressing on schedule. Liaison and learning opportunities from other cities is ongoing through attendance at conferences etc.	A GCC officer will continue to attend steering group responsible for developing the updated national Cycling By Design guidelines. Liaison with other cities and attendance at relevant conferences continues.	N and S / DRS	
66. Improve the efficiency of our services through the development of smart technology, including refuse collection and street lighting.					
66.1 Invest in better pavements and footways and lighting.	Develop a method for enabling public participation in a number of planned capital programmes, whilst maintaining an optimised investment strategy. Deliver the Roads Investment Strategy Programme	Planning and reporting of the Roads Investment is reported under priority 54.		N and S	

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
66.2 Introduce low-carbon LED street lighting across the city and replace old and damaged lampposts.	<p>Phase 1 - install 3,000 Intelligent Street Lights in Glasgow City Centre controlled by a Central Management System</p> <p>Phase 2 to commence which will retrofit intelligence into existing LED lights and this process will be complete by 2022.</p>	The LED Lights have now been installed and are under the Central Management System (CMS) control. Commissioning work on the CMS nodes and system is progressing (Phase 1).	Phase 2 will commence in late 2020 which will retrofit another 3000 lights.	N and S	
	Install up to 2,800 additional LED lanterns as part of the Green Investment Bank funding.	Complete. Final update reported end of Year 2 (2018/19) .			
	Replace 1,200 ageing lighting columns	Complete. Final update reported end of Year 2 (2018/19) .			
66.3 Replace street bins with 'smart' waste-compacting bins.	<p>Replace existing Street Litter Bins with 'smart' Solar Compacting Bins primarily in the City Centre area.</p> <ul style="list-style-type: none"> • Deployment of Solar Compacting Bins in City Centre - Contract to be awarded - July/August 2019 Fitting of smart bin sensor technology in Phase 2 pilot areas. 	<p>Trials have been undertaken with three suppliers in the last 12 months, the most recent ending in January 2019, a working party was convened in mid-February 2019 to review the trial, a specification of requirements and scope document has been completed and this was passed to the Corporate Procurement Unit early May 2019 for review and action.</p> <p>Neighbourhoods and Sustainability and the Corporate Procurement team have been working on refining the specification of requirements document, scope document, quality questions and timescales for the open tender process.</p>	It's anticipated that the contract award will be concluded in November 2020. The deployment of the 12 Solar Compacting bins should take place in March/April 2021.	N and S	
	Replace existing smaller capacity Bins with larger capacity Bins in the remaining	Phase two of the Street Litter Bin Programme commenced in September 2018 in the North West Area and deployments of new street litter bins (1,400)	Frequency of collections and routes across all areas of the City will amended using data analysis and will continue to		

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
	neighbourhoods throughout the city in Phase 2.	<p>in this area were completed in February 2019.</p> <p>Collections Routes and frequency of collections for North West have been in place since March 2019.</p> <p>The North East area commenced deployments in May 2019 and deployments of new street litter bins (1,100 Bins) in this area were completed in June 2019. Smart bin sensors have been fitted to 1 in 3 Bins in the North East area. Collections Routes and frequency of collections for North East have been in place since 20th August 2019.</p> <p>The South area commenced deployments in July 2019 and this new street litter bin deployments (1,400) in this area and is now complete.</p>	be amended periodically where necessary.		
67. Become a carbon neutral city by 2037, reviewing our energy carbon masterplan in 2019, and investigating membership of international networks, the Carbon Neutral Alliance and C40.					
67.1 Become a carbon neutral city, setting an ambitious 20 year target.	<p>Review the Energy Carbon Masterplan in 2019. The LHEES (or ECMP 2) will establish a series of costed actions to drive the city towards an agreed target.</p> <ul style="list-style-type: none"> • Consultation on LHEES • Finalisation of LHEES • Adoption of LHEES by CAC • Climate Emergency Working Group will report on its recommendations in August 2019. 	The draft LHEES has been revised in response to the Climate Emergency Working Group report and the Carbon Neutral by 2030 target.	The draft has been finalised and a briefing note has been prepared for NS Leadership. This will be circulated to NS Leadership before the document is released for internal consultation.	N and S	

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
	Continue to discuss with the Scottish Government the potential for its local city targets to align with national ambitions.	Discussions are ongoing with the Scottish Government and contributions to consultations are submitted where required.			
67.2 Investigate joining the Carbon Neutral Cities Alliance and C40 to share and learn best practices.	<p>Investigate membership of international networks, the Carbon Neutral Alliance and C40.</p> <ul style="list-style-type: none"> • Continue to engage with the Carbon Neutral Cities network. • Active participation will commence following formal agreement of membership. 	<p>Meetings have taken place with the C40 network to discuss Glasgow's participation in its activities and, in particular, arrangements for COP26. This has led to an invitation for the Council to engage with the C40 programmes on divestment and the circular economy.</p> <p>A formal note of interest has been sent from the Council Leader to the Carbon Neutral Cities Alliance to seek membership, with the process having been facilitated by the Council's agreement to set a new target year of 2030 to achieve carbon neutrality.</p>	Continue to engage with C40.	N and S	
68. Meet our commitments to the national target of ensuring heat, transport and electricity needs are met by renewables by 2030.					
68.1 Meet our contribution to the Scottish Government's pledge that 50% of Scotland's heat, transport and electricity energy needs should be met by renewables by 2030.	<p>Undertake a scoping exercise to identify the current volume of contribution from renewables in the city and the Council estate.</p> <ul style="list-style-type: none"> • Business cases will be created where opportunities for increasing volume of renewables are valid. 	This is complete, business cases have been created where opportunities for increasing volume of renewables are valid.	Complete.	N and S	
	<p>Look at available and innovative funding models to fund the renewables installations required to meet the target.</p> <ul style="list-style-type: none"> • Exploration of alternative approaches to funding through partnership working 	Funding models are continually being explored as each project develops. Current dependence on government grant funding is not sustainable.	Continue to explore funding models as each project develops.		

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
	<p>Assess the contribution of the ongoing heat pump demonstrator projects in relation to achieving the target.</p> <ul style="list-style-type: none"> • Explore alterations to heat pump scheme to maximise impact and affordability of the project and produce an alternative strategy for development. 	<p>Funding models are continually being explored as each project develops. Current dependence on government grant funding is not sustainable.</p>	<p>Continue to explore and support heat pump opportunities where viable.</p>		
	<p>Use the learning from H2020 Ruggedised project to inform the city renewables strategy.</p> <ul style="list-style-type: none"> • Install renewables and ancillary smart infrastructure. 	<p>The Substation works are now complete. Company procured to deliver the Solar PV and battery elements are no longer trading. Challenges have arisen with the funding. Alternative funding has now been secured for these elements detailed above. NS are in discussion with the EU about an extension to allow a new delivery partner to be procured and these elements delivered. Several deliverables have been submitted. Some deliverables are linked to the pending extension from the EU. All other elements are on track.</p> <p>EC have responded positively in relation to required extensions. A formal amendment to the grant agreement is required. This should not present any issue as it would be the third amendment to the grant agreement.</p>	<p>Contractors have been appointed and site meetings held. Work on the design is now underway. Discussions are taking place with PMO and EC about a one year extension. The project extension will allow for the effective monitoring period in response to delays caused by Covid.</p>		
	<p>Deliver Energy & Carbon Masterplan.</p> <ul style="list-style-type: none"> • Continue to deliver ECMP and report of CO2 emissions for the City. 	<p>Data from 2017 shows continued delivery of CO2 reductions with 37% emissions reduction since 2006. The target to be achieved by 2020 is 30%.</p>	<p>ECMP report will be presented to committee in November 20. The LHSS will supercede the ECMP for the period 2020 - 2050.</p>		

69. Explore ways of accelerating our work on green energy initiatives, and review the possibility of doing so through an ESCO.

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
<p>69.1 Review the possibility of establishing an ESCo (Energy Services Company) for Glasgow, working with energy companies, industry and housing to provide more affordable heat, power and hot water to customers via the cheapest green energy.</p>	<p>Scope out a preferred option for an ESCo and then work towards delivery.</p> <ul style="list-style-type: none"> Evaluate ESCo options in relation to ongoing EU and LCITP funded energy projects (RUGGEDISED & Heat Pumps) ESCo options appraisal to be undertaken. 	<p>ESCo option appraisal will continue to be reviewed with each project being delivered. Formal exploration of establishing an ESCo will require external consultancy support.</p>	<p>Explore acceleration of ESCo through appointment of external resources.</p>	<p>N and S / DRS</p>	<p style="text-align: center;">A</p>
<p>69.2 In Partnership, aim to eliminate fuel poverty through the growth of green economy.</p>	<p>Through the Glasgow Housing Strategy Work with partners to identify and promote projects where renewables and district heating is a cost effective solution to affordable warmth and assist organisations to apply for external funding.</p> <p>Undertake activities which will mitigate the impact of fuel poverty in the city.</p> <ul style="list-style-type: none"> Consultation on LHEES Finalisation of LHEES Adoption of LHEES by CAC LHEES will identify options in priority zones for action. The first draft of spatial mapping of the Action plan was produced and further development of mapping will be prioritised to support rollout as a corporate tool. 	<p>Planning and reporting of Local Heat and Energy Efficiency Strategy (LHEES) is reported under priority 67.</p> <p>The draft LHEES has been revised in response to the Climate Emergency Working Group report and the Carbon Neutral by 2030 target. The draft will be issued for internal consultation in November 19 and external in December 2019 with a view to getting approved at the City Administration Committee by end of March 2020.</p> <p>LHEES is complete and prepared for internal consultation.</p>	<p>LHEES is complete and prepared for internal consultation. Consultation will begin at the end of 2020.</p>	<p>N and S / DRS</p>	<p style="text-align: center;">G</p>


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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
<p>69.3 Work with partners in the housing sector to encourage new developments to meet the highest standards of energy efficiency and low energy costs, use locally sourced materials and exploit the potential for renewable energy sources.</p>	<p>Through the Glasgow Housing Strategy work with partners to identify and promote projects where renewable and district heating is a cost effective solution to affordable warmth and assist organisations to apply for external funding.</p> <ul style="list-style-type: none"> • Introduce the Glasgow Standard for new build accommodation incorporating high levels of insulation, energy efficiency and renewables • Deliver the annual home energy efficiency programme (HEEPs) for the energy efficiency retrofit of domestic properties • Deliver the annual Scottish Energy Efficiency Programme (SEEP) for the energy efficiency retrofit of domestic and commercial properties <p>Continue to work to the 'Silver Standard' for house building, which includes a reference to locally sourced materials.</p>	<p>Work is ongoing to complete the Home Energy Efficiency Programme (HEEP) 18/19 and draw down funding.</p> <p>Appointment of the Energy Advice Service contractor is imminent.</p> <p>Social Enterprise Direct (SED) were appointed on 4th November 2019 to provide an Energy Advice Service to support the HEEPS programme.</p> <p>SED will also deliver an energy advice service to the Scottish Government's Self Funded Pilot Project in Kelvindale.</p> <p>Complete. Final update reported end of Year 2 (2018/19).</p>	<p>Deliver the HEEPS 2019/20 Programme as outlined in the approved Committee Report on HEEPS ABS 1920 Programme.</p> <p>Committee report on proposed changes to HEEPS Programme 20/21.</p>	DRS	
<p>69.4 Work with other organisations that use energy on a large scale to expand the number of District Heating schemes across the city.</p>	<p>Through RUGGEDISED, City Energy will facilitate the connection of more customers to the University of Strathclyde district heating network, as well as supporting the connection of customers to a Tennents Brewery based network. City</p>	<p>Business Case Strathclyde University - the business case for the university/city chambers connection is not financially viable. Alternatives are being sought with a connection from Love Loan to the Chambers.</p>	<p>Continue to monitor opportunity and facilitate connection discussions.</p> <p>Continue to provide support to Tennents where appropriate.</p>	N and S	

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
	<p>Energy is working with external companies to deliver district heating through water source heat pumps in 2018.</p> <ul style="list-style-type: none"> • Business case for connections of University of Strathclyde to City Chambers to be developed. • Business case for connection of Tennents Brewery to Drygate flats and Meat Market development site to be developed in 2019. • Further milestones will be identified based on the revised business case which is being reassessed due to changes in the funding stream and developments in the implementation with an increased customer base being explored. • Heat pump projects are being re-evaluated with a view to increase the customer base and improving the overall viability of the project. • Continue to work with stakeholders in the city to develop viable projects 	<p>Investigation into the flow rates of the sewer has shown there to be an insufficient flow volume to create the required heat. Due to this, the developer has shelved their heat pump plans.</p> <p>Business case for connection of Tennents Brewery - Tennent's Brewery is exploring a new heat project with EoN. City Energy are involved in its development and are facilitating conversations with potential heat customers.</p> <p>Heat pump projects are being re-evaluated with a view to increase the customer base and improving the overall viability of the project.</p> <p>Gorbals heat pump project has been expanded and a new submission for funding has been submitted to the Scottish Government for LCITP funding. This is being led by the technology company. The Kelvingrove heat pump project is not being progressed as the supply company is no longer trading.</p> <p>Unfortunately, due to the very tight timelines enforced by the funders, and the increase in costs of the required equipment, the business case for the Gorbals heat pump project does not stack up, even with additional customers found. GCC will continue to work with Star to explore alternative options.</p> <p>The draft LHEES has been revised in response to the Climate Emergency</p>	<p>Continue to monitor opportunity and facilitate project development.</p> <p>Finalise and publish LHEES.</p> <p>Continue to provide support and facilitation where possible.</p>		

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
		<p>Working Group report and the Carbon Neutral by 2030 target. The draft will be issued for internal consultation in November 19 and external in December 19 with a view to getting approved at the City Administration Committee by end of March 2020.</p> <p>Work is progressing to support community energy schemes in the city, particularly around solar installation utilising GCC roofs.</p> <p>GCC has granted a letter of authority to Glasgow Community Energy to allow grid connection applications to be made for the schools. GCC has also facilitated site visits to allow technical designs to be progressed. Procurement remains an issue with delivery timelines being very tight to ensure access to the feed-in-tariff.</p>			
69.5 Work with geological specialists and developers to investigate and tap into renewable energy potential.	<p>Report specific project proposals to committee as discussions with developers mature.</p> <ul style="list-style-type: none"> Continue to work with stakeholders in the city to develop viable projects. <p>City Energy is currently working with external stakeholders to deliver deep geothermal heat for the city.</p> <ul style="list-style-type: none"> Continue to work with stakeholders in the city to develop viable projects. 	This milestone is not progressing at present due to the cost of development. The developers require substantial funding to enable this to progress.	Continue to work with stakeholders in the city to develop viable projects.	N and S	
69.6 Encourage the development of	Upskill communities in Glasgow where community	Planning and reporting of Local Heat and Energy Efficiency Strategy (LHEES) is reported under priority 67.		N and S	See priority 67


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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
community renewable energy schemes, ensuring that the financial benefits are returned directly to local people.	owned schemes can be delivered. Continue to use open data and produce mapping information via GIS to inform communities of potential opportunities in the city.	Planning and reporting of Local Heat and Energy Efficiency Strategy (LHEES) is reported under priority 67.			
69.7 Work with local businesses, public transport companies, officials from other cities and communities across Glasgow to consider options for decarbonisation systems that reduce our emissions and meet the needs of local communities.	Work with partners to develop the second Energy and Carbon Masterplan, which will allow a wide range of city stakeholders to contribute to collective ambitions.	Planning and reporting of Local Heat and Energy Efficiency Strategy (LHEES) is reported under priority 67.		N and S	See priority 67
70. Review the River Clyde Flood Management Strategy and continue to invest in the drainage infrastructure across the city to support climate resilience.					
70.1 Review the River Clyde Flood Management Strategy and continue to invest in the drainage infrastructure across the city to support climate resilience.	Review the River Clyde Flood Management Strategy Invest in drainage infrastructure <ul style="list-style-type: none"> • Report on CaLL LFRMP S37 Interim Report • Completion of Camlachie Burn works at Shettleston Road and Biggar Street • Completion of Cardowan Surface Water Management Plan 	DRS is in discussions with NS to explore the option of transferring responsibility from NS to DRS for flood risk management along the River Clyde including undertaking the review of the River Clyde Flood Management Strategy. DRS has held two workshops with SEPA to develop an integrated approach to flood risk management planning along the River Clyde corridor. DRS continues to progress an interim update to the River Clyde tidal model that is scheduled to be completed during Quarter 4. The Clyde and Loch Lomond Local Plan District Local Flood Risk Management Plan	Continue to progress an interim update to the River Clyde tidal model that is scheduled to be completed during Quarter 4. Continue to progress Metropolitan Glasgow Strategy Drainage Partnership (MGSDP) City Deal including the following at practical completion: Camlachie Burn contract Cardowan Surface Water Management Plan.	DRS	

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
		<p>S37 Interim Report has been published. Good progress has been achieved on the MGSDP City Deal programme including the Camlachie Burn reaching substantial completion, Glasgow's Smart Canal (NGIWMS) and Hillington & Cardonald SWMP Phase 1 (Moss Heights / Halfway Park) expected to complete Sep '19, Cardowan SWMP scheduled to complete Dec '19 and works commenced on the South East Glasgow SWMP during Jul '19. The design development and procurement of other SWMP interventions continues. In addition, construction work continues on the White Cart Water Flood Prevention Scheme.</p>			
	<p>River Strategy River Clyde Strategic Development Framework</p> <ul style="list-style-type: none"> River Clyde and Govan and Partick SDF prepared and presented to committee for approval prior to submission to Scottish Government for final approval as supplementary guidance. 	<p>The final draft of the River Corridor SDF and the Govan Partick SDF was presented to Neighbourhoods, Housing and Public Realm City policy committee on 19th November 2019 for consideration.</p> <p><u>Committee report on River Clyde and Govan Partick SDF's</u></p> <p>Survey work (LiDAR and ground truthing surveys) is ongoing with River Model for completion in Q4. Discussion is ongoing with SEPA under the auspices of SDF and current Planning Applications. Tidal data from Peel Port's Greenock gauge (Historical data) is awaited.</p>	<p>Adopt the River Clyde and the Govan Partick SDF's as supplementary guidance to the City Development Plan if no significant modifications are proposed by Scottish Ministers.</p>		
71. To promote and enhance our city's natural resources including nature reserves and public parks.					
<p>71.1 To promote and enhance our city's natural resources including nature</p>	<p>Refresh Parks and Greenspaces Vision</p>	<p>Officers have given consideration to how the outline action plan set out in the Parks and Greenspaces Vision would be populated, with lead organisations/officers,</p>	<p>Implementation of the actions</p> <p>Ongoing support of community groups to access</p>	<p>N and S</p>	<p>G</p>

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
reserves and public parks.	<ul style="list-style-type: none"> • Involve communities in planning, developing and managing local spaces. • Support groups and individuals in developing participation and volunteering opportunities • Support allotments and community growing throughout the city and produce a Glasgow Food Growing Strategy. • Promote parks and greenspaces as outdoor learning spaces • Implement the Local Biodiversity Action Plan and work with partners to manage a sustainable, integrated network of parks • Continue to support Development and Regeneration Services regarding any outcomes of the evaluation of the structures of external buildings and greenspaces, supporting a variety of habitats and uses. 	<p>timescales, etc. This is required to support monitoring and delivery. PB panel and decision making timescales have been established.</p> <p>Ongoing engagement with Early Years Childcare and Forest Schools and Further Education Providers</p> <p>5800m2 of wildflower seed and plug planting and 238,500 bulbs planted to naturalise into grassland and provide early season nectar for pollinators</p> <p>Officers are contributing to Council Family approach in relation to Glasgow Green Peoples Palace Winter Gardens- Q2 working captured in paper to City Administration Committee 10.10.19</p> <p>LBAP and Pollinator Plan 113 actions currently being delivered; Full list can be accessed via the following link.</p> <p>Food Growing Strategy – Community engagement session are complete. The Draft Food Growing Strategy was presented to the City Administration Committee on the 17th September 2020.</p> <p>Volunteering tracker being developed to capture impact (volunteer hours/projects) across the City to assess Social Return on Investment.</p>	<p>and utilise their open space – including Friends of LNR's and Friends of Parks.</p> <p>The Transforming Pollok Country Park project aims to transform the country park from an asset rich but underutilised historic space into a world class civic destination that is enjoyed more and more often by its citizens and visitors to the city. Project workstreams are at different stages, with the following list offering a snapshot of the range of activity:</p> <p>Proposals to engage with communities in relation to how woodlands are managed, including outdoor opportunities for Early Learning and Childcare, Forest Schools and Out of School Care.</p> <p>Proposals to celebrate the Centenary of the Forestry Act through tree planting activity.</p> <p>Proposals to upgrade the Children's Play Area</p> <p>Proposals to bring forward Surface Water Management Planning locally, to support climate resilience and identify any additional opportunities</p>		

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Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
			<p>Currently exploring projects in line with the emerging Climate and Ecological Emergency Declaration including: Woodlands creation and management, strategy, wildflower/bulb meadow strategy, carbon capture through Peatland restoration.</p> <p>Rethinking Our Parks (Park Power Project) - assessing potential for parks to be utilised for Ground Source District Heating. Top 20 locations will be developed further.</p> <ul style="list-style-type: none"> • 10 sites, ranked according to their ability to generate carbon savings in the short-term (over next 3 years). • 10 sites, ranked according to their ability to generate carbon savings in the longer-term (over next 10 years). 		
72. Support the development of Glasgow as a Sustainable Food City.					
72.1 Support the development of Glasgow as a Sustainable Food City.	Engage with partners to scope options for a Sustainable Food City	This milestone is now being led by the Chief Executive's Office. NS sits on the thematic 'community food' group related to this milestone.	Continual attendance and contribution to the development of the SFC.	N and S	
	• Continue to support the development of a City Food Strategy.				
	Seek to utilise the city's land assets through our Food Growing Strategy to support a	Community Workshops were completed in quarter 1 to assist with the development of the strategy. The feedback from those	Food Growing Strategy – Community engagement session are complete. The		

A Sustainable and Low Carbon City

Commitment	Actions with Year 3 Milestones	Progress and Performance	Planned Activity	Lead Service	RAG
	<p>reduction in food miles and therefore carbon.</p> <ul style="list-style-type: none"> • Community workshops to inform preparation of Strategy (May 2019). • Undertake Public consultation in relation to draft Food Growing Strategy and report to ESCR. • Statutory requirement for Food Growing Strategy to be published by April 2020. 	<p>workshops were reported to Area Partnerships in November/ December 2019</p> <p>The drafting of the Food Growing Strategy has now commenced and timelines are being identified for stakeholder engagement and committee reporting.</p> <p>A mapping exercise is currently being progressed, in order that work can be aligned to the Glasgow Open Space Strategy.</p> <p>740 Planters delivered to 81 Schools on the 9th December to support Eco School Activity</p>	<p>Draft Food Growing Strategy was presented to the City Administration Committee on the 17 September 2020.</p>		