

Red - Late start / Critical Challenges to completion
Amber - Work started but target date has been extended (place new target date in O)
Green - On Track towards target date (incl. where target date was previously extended)
Blue - Project complete - no further update needed

The me	No.	Net Zero Plan	Action As printed in the Strategy - we have no ability to change these until the next review	LEAD OFFICER	Other Officers Involved	Start date	New Target date (Darken blue if deadline extended)	Overall progress	Last Progress Update	Progress update Format: Initial - update on all progress relevant to task. There is no need for repetition or multiple dated updates unless relevant
Governance Leadership	1.010	Yes	Increase staff resourcing to co-ordinate and deliver the actions in this strategy. It is anticipated that we need up to 2 Sustainability Officers and 1 Energy Manager.	Stuart Fitzsimmons	Tom Hardy Candice Luper	Nov-20	Mar-23	A	23/12/2022	TH: The temporary post of Infrastructure Officer (Sustainability) was recommended to be made permanent at the recent Star Chamber. CL: Star Chamber funding has been allocated to cover the cost of a Sustainability Projects Officer on a fixed term basis. Business Case and Job Description has been produced but I am unable to progress until internal restructure is complete and Sustainability role is moved to new Directorate.
Governance Leadership	1.020	Yes	Review financing mechanisms available to fund the actions in this plan. This should include a clear policy of financing Invest to Save proposals based on specific carbon and cost saving criteria. We will also explore options to engage with the local community with a view of encouraging sponsorship and donations if appropriate.	Linda Parker		Jan-21	May-22	G	29/06/2022	LP - It is proposed that half of the current Invest to Save capital budget, that is £2.4m out of £4.8m, be used to fund schemes that reduce CO2 and that funding be allocated to the schemes with highest reduction in tonnes of CO2 per £ of I2S budget until the funds are used up. Proposers of schemes will still be able to seek other funding which increase the tonnes per £ figure thus moving projects up the list. [Note this could alternatively be progressed separately from the budget if there is a suitable sustainability update to add this to going to Policy Cttee before then]. Finance consulted our Treasury Management brokers re green bonds. Their advice is that the Council is able to access loans at lower rates of interest than the green bonds on offer. Sustainable projects will therefore be assessed against the rate of return.
Governance Leadership	1.050	Yes	Monitor which contracts are due for renewal over the forthcoming year to assess current sustainability impacts and methods of making improvements at the next contract upgrade.	Candice Luper	John Patrick	Apr-21	Mar-23	G	14/12/2022	CL - Complete for 2022/23. Next review in 2023
Governance Leadership	1.060	Yes	Incorporate sustainability and carbon reduction to staff induction, generic job descriptions and performance management scheme.	Jane Pearce	Candice Luper Senior HR Business Partner team	Jan-21	Mar-23	G	21/10/2022	JP - Online 'My Performance' system now includes the option for 'sustainability' targets. JDs to be reviewed as operating model work progresses likely to be in 2023. CL - HR have been provided with wording of JD's and materials and presentations to use in inductions.
Governance Leadership	1.080	Yes	Deliver ongoing engagement and awareness raising to staff, contractors and service providers on sustainability issues and solutions through the 'StAN' staff portal, weekly Team Brief, staff emails and direct training. Particular teams will require specialised training (e.g. Building Service).	Candice Luper		Dec-20	Continuing	G	14/12/2022	CL - Communications are released to staff via STAN, Team Brief and emails. Emails and Team Brief notes have been sent on how to keep energy bills down at home whilst working at home, home heating, recycling and energy grants and a padlett has been created as a one-stop reference point for all staff sustainability initiatives, policies and tips. We have created an energy saving page for staff with lots of advice on reducing bills and ran a session with Citizens Advice on how to save money on bills and save energy. We regularly prompt discussions on STAN around veganism and recycling and more recently introduced a way of helping staff to reduce food waste in the Council Offices. Sustainability Office Champions meet every 6 weeks to discuss ways of engaging staff more widely.

Governance Leadership	1.090	Yes	Deliver strong and consistent messages to the public about sustainability, the environment and climate change through the Council's publicity channels which include the Community News publication, www.stalbans.gov.uk , MyStAlbans District account , press releases, social media, events, Sustainability News and the Building Futures website .	Claire Wainright	Candice Luper	Nov-20	Continuing	G	23/12/2022	CW/CL - New e-newsletter functionality (Granicus/Gov Delivery) has gone live. - Sustainability News published 3-4 times per year with last issue released November 2022. - Website is updated and social media posts released regularly. - Year-long study completed with the University of Hertfordshire to explore methods of changing behaviour. - Comms plan to be developed in Spring 2023. This has been delayed due to ack of capacity in the Sustainability Team. - The Council has featured in the 'Local urgency on the Climate Emergency?' report highlighting our good public engagement around sustainability and climate change.
Governance Leadership	1.100	Yes	Encourage and support community engagement through groups, forums, events and partnerships that focus on local environmental action. This includes where appropriate, using Council resources to leverage the impact that groups or organisation can have where this is the most effective way to raise awareness. Encourage organisations to network, share experiences, and identify opportunities to play their part. This includes for example the Climate Advisory Group, Strategic Partnership (SP), Town and Parish Council groups, Sustainable St Albans events, Hertfordshire Community Energy Group and Herts Climate Change and Sustainability Partnership. Partners will be encouraged to develop action plans and report back about progress.	Candice Luper	Stuart Fitzsimmons Maria Cutler	Nov-20	Continuing	G	23/12/2022	MC: - This involves a range of local partnerships, both with business community and wider community. - Herts EDOs held a sustainability business conference on 11 Feb. - Sustainable St Albans has given annual update to the Strategic Partnership highlighting initiatives such as Count Me In. - We promote funding and initiatives available to businesses such as the Low Carbon Workspaces grant, Eastern New Energy Programme, Herts IQ (which gives a roundup of the latest funding for businesses looking to innovate in green tech, collaborate with research institutes or adapt their operations to improve efficiency), Low Carbon Innovation Fund and Clean Growth Fund. CL: - Continue to attend regular meetings with other Districts, HCCSP and subgroups to implement cross-County action on sustainability and climate change. This has included the development of Action Plans to tackle Water, Carbon Reduction, Behaviour Change, Biodiversity and Transport. Now also participating in climate adaptation sub-group as well. Annual HCCSP conference to involve businesses and the community will be held in November. We continue to hold quarterly Climate Advisory Group meetings. - Council has established a partnership arrangement with Sustainable St Albans to deliver a community engagement programme to include workshops, training and support to develop their own Climate Action Plans. So far 8 volunteer climate champions have been trained and have delivered engagement for over 200 people. Lead Officer is exploring how we can expand and continue the scheme beyond the initial trial year. Parishes were engaged in 2021. - Lead Officer is discussing proposals brought by individuals in the community around the establishment of a central community location that could be used for multiple sustainability initiatives such as cooperative food buying, repair cafe, energy advice, talks and workshops. - Working with Oaklands College to incorporate sustainability themes across all the curriculums in 2022/23 to produce outputs that can be used for ongoing community engagement across the District. - Working to re-establish the St Albans Sustainability Market and supporting other local environmental events
Governance Leadership	1.110	Yes	Work in partnership with local groups to deliver a climate change and sustainability public engagement programme to empower local citizens, organisations and businesses and help overcome barriers to action. This may include a Citizens Assembly should we have a specific idea or project to explore. (Corporate Plan) Establish a Citizens' Assembly to drive forward the climate emergency policies of this Council	Candice Luper	Katherine Chafer	Oct-21	Continuing	G	14/12/2022	CL: - Experience from other Councils with Citizens Assemblies shows it is a resource heavy and expensive process and therefore we do not feel this is an appropriate way forward at the moment, preferring to use our limited resources on decarbonisation and engagement. - Sustainable St Albans are delivering a 2 day per week programme (since Sept 2021) on our behalf to engage the community and train a network of volunteers to engage the community. The project has provided training and engagement to 22 groups/businesses, trained 9 Climate Champions who have engaged a further 192 people, delivered 4 pop-up events in Batchwood, Sopwell and Cinningham Wards and have encouraged 58 people to pledge 99 steps as part of St Albans Count Us In / St Albans Climate Action Network. We are now exploring how to expand and extend this initiative going forward.
Governance Leadership	1.120	Yes	Work with the Business Improvement District and other business networks , to develop and deliver city-wide environmental schemes and improvements. This might include Greening Business Support Schemes or Business sponsored renewable projects.	Maria Cutler	Stuart Fitzsimmons Candice Luper	Jan-21	Continuing	G	23/12/2022	CW - Waiting on a Gov consultation on single use plastic due in Autumn. Still in discussion how best to do this with business community and post Covid recovery. Investigating scheme that could be linked to Charter Market. SF - Discussions have been had with the BID about introducing business recycling scheme JP - Graduate intern has spent the summer months delivering a project to engage local businesses to help reduce the amount of litter dropped in and around retail premises. Liaising with Sustainability Officer and the BID to explore the possibility of introducing a reusable plastic cup scheme for the District. CL - lising with BID around intrducing a campaign to encourage retailers to close doors inwinter and turn lights off during the night

Governance Leadership	1.130	Yes	Influence government to introduce more stringent sustainability policy in areas such as building, housing, renewable technologies, energy, water, waste and habitat protection, through responding to consultations and working with organisations such as the Local Government Association.	Maria Cutler	Candice Luper	Oct-21	Continuing	G	23/12/2022	CW/CL - Will respond to Government consultations when appropriate and encourage other organisations to do so. The Council has responded to the Statutory Consultation on Luton Airport Expansion (2022); HCC South Central Growth and Transport Plan Consultation (2022), HCC Rail Strategy(2022) and Planning for the Future Consultation (2020); Consultation on proposals to ban commonly littered single-use plastic items in England (2021); LGA Climate Change Survey (2021), Governments Net Zero Strategy (2022 via HCCSP) and various others relating to transport, waste and green space.
Energy use	2.020	Yes	Explore approaches to allocate greenhouse gas emissions reduction targets to individual departments and services.	Candice Luper		Jun-22	Feb-23	A	14/12/2022	CL - There are inherent difficulties with allocating emissions to Departments as some Departments hold the majority of the emissions whilst others (e.g. HR) hold few. We will nevertheless explore this as an option as well as things like emissions charging, in 2023.
Energy use	2.030	Yes	Develop a structured plan of action to undertake energy and renewable technology audits (CORPORATE, OPERATIONAL, MUSEUMS, LEISURE) to identify the most cost-effective means to decarbonise our property portfolio. It should also include works to ensure that all Council buildings have an Energy Performance Certificate of B or above by 2030. Low carbon heat sources such as heat pumps or heat networks <u>will need to replace gas fired boilers</u> . The study should explore means to obtain cost neutral improvements through Energy Services Company schemes such as Re:FIT or interest-free programmes such as Salix. Implementation is expected to begin by Nov 2020. (Corporate Plan) Ensure that the Councils office buildings and Council-sponsored developments are more energy efficient, including renewable energy schemes & Develop a plan for greater use of solar panels on Council-owned property and support businesses looking to develop solar or other renewable assets	Tom Hardy	Candice Luper Stuart Foster Nick Sherriff Matthew Pearce	Nov-20		G	23/12/2022	TH/MP: <ul style="list-style-type: none"> • Installation of energy efficiency measures in the Civic Offices, Sandridge Gate and Ver museum progressing as per the energy audit action tracker. • EPC and DEC project established, leisure buildings being surveyed in October 2022 ahead of new contract. DEC's complete for Sandridge Gate and Verulamium Museum, Civic Centre currently being drafted. • Energy efficiency measures written into new leisure management contract to progress decarbonisation of leisure buildings. • Bid submitted to star chamber in September for Photovoltaic (PV) panel (Design Phase) for Sandridge Gate Business Centre and Verulamium Museum, this will take place in 2023. The car parks are not be considered at a later date. • Bid submitted to star chamber in September for Renewable Heating (Design Phase) for Sandridge Gate Business Centre and Verulamium Museum, this will take place in 2023 but in the meantime ECO3 audits have been commissioned for both sites to gather the information required for the design phase. • Prep for the next round of the Public Sector Decarbonisation Fund is being undertaken, this scheme is always oversubscribed so we must have projects and all the data ready so that we are able to submit an application as soon as the next round opens up. • A project to upgrade the lighting in Verulamium Museum is underway and all of the display cabinets have been upgraded to more efficient LED's
Energy use	2.040	Yes	Undertake a high-level analysis of our emissions, realistic trajectory towards becoming a net zero Council and District and the costs and options for decarbonisation.	Candice Luper		Jan-21	Jan-23	G	14/12/2022	CL - Exploring this as part of the consultant spec to create the next iteration for the sustainability and climate crisis action plan.
Energy use	2.050	Yes	Corporate and Commercial Buildings- Ensure that all lights are replaced with LED (preferably sensor operated) as and when they reach the end of their life. Payback periods depend on the type of lighting replaced and the operating hours but tend to lie between 2-6 years and can often be funded by Salix.	Tom Hardy	Helen Ramsay	Nov-20	Mar-23	G	23/12/2022	The target date set for completing this work is 31 March 2023. This is a rolling programme of replacement, when old bulbs/fittings reach end of life, replacement with LED takes place. There have been recent instances of this taking place and there is plan to undertake a large scale upgrade at Verulamium museum in 22/23 Q3.
Energy use	2.060	Yes	Upgrade our energy supply contract to ensure that any electricity purchased by the Council is sourced from renewable energy. Any energy purchased which is not supplied from renewable energy (e.g. gas) will be offset through an appropriately certified offsetting scheme by 2023.	John Patrick	Candice Luper	Oct-20	Oct-23	A	23/12/2022	CL - Electricity and Gas to majority of Council buildings has been sourced from renewable energy in 2021/22. There have been issues with the supplier not meeting our contractual requirement to provide EDIs which has led to unexpected costs to the Council as we have to pay someone to enter the bills. We have not been able to recover these costs as yet. The energy contract has now been reviewed to ensure no supply from Russia and keep costs as low as possible. The Council will no longer purchase greener REGO backed gas due to the high costs of this (£40k per annum). We will reassess when more cost effective options become available. Next review will be in a years time. We continue to purchase fully renewable electricity.

Energy use	2.080	Yes	Work with our energy suppliers to encourage them to more rapidly install Automatic Meter Reading (AMR) technology to the remainder of Council-owned Housing properties, to allow for more accurate monitoring of energy consumption	Simon Smith	Simon Smith	Jan-21	Mar-23	A	14/12/2022	SS - Housing Asset Team will work with energy suppliers to communal areas to install this technology
Energy use	2.090	Yes	Develop a Council-wide construction standard for Council new builds and refurbishments to ensure that high standards of energy efficiency and sustainability are incorporated to building design and construction to achieve appropriate zero carbon buildings standard. Government have provided Planning Authorities with the green light to go above and beyond Building Regulations. This policy should also address material sourcing requirements to reduce carbon impacts of product transport. Government aspirations include the Future Homes Standard, the commitment to phase out fossil fuel heating installations off the gas grid, and aspirations and initiatives around home retrofits (EPC band C by 2035) and low-carbon heating. The Future Homes Standard for example, will ensure new build homes have low-carbon heating and world-leading levels of energy efficiency by 2025. The World Green Building Council also provide frameworks as does Passivhaus. Ultra-high energy efficiency standards, installed alongside an air source heat pump, represent a 1-4% uplift on build costs relative to a home built to current regulations. Passivhaus is estimated to lift costs for the developer by 7% but could come down to 3% in future. Taking into account whole life costs, high efficiency buildings are cheaper in the long-run. It costs a 1/3 of the price to incorporate efficiency measures such as low carbon heat to a new build, than to retrofit them to existing buildings.	Robbie Hazlehurst	Simon Smith Tom Hardy Candice Luper	Apr-20	Mar-23	G	14/12/2022	RH - The Capital Projects team are working with their clients, whether it be Housing, Estate Services or Green Spaces, to establish a specification for new build and refurbishment developments that will maximise sustainability features. SS - Housing are included on the new build schemes for HRA stock and a standard specification for the developments has been established..All HRA refurbishment/Capital replacement works are to be incorporated into the HRA Energy Strategy. CL - Discussions underway with University around whether they can help us to develop a construction standard/policy and also need to investigate whether the Future Homes Standard will meet the needs for efficient buildings without us writing our own policy.
Energy use	2.130	Yes	Undertake an ongoing programme to improve energy efficiency of Council-owned housing incorporating the advice in the energy audits. Currently this includes work to install A-rated boilers, insulate lofts and cavity walls, install double glazing and energy efficient lighting to interior and exteriors. The government has set a target of all homes being improved to Energy Performance Certificate C[by 2035. Our aim is that all Council Housing meet EPC B by 2030. This will require the conversion of gas boilers to low carbon heat sources, renewable technology, and improvements to insulation. We will explore the potential for whole house refurbishments such as the Dutch 'Energiesprong' (energy leap). This achieves an 86% reduction in emissions and currently costs around £70k per average home. Costs are forecast to come down to £35k per property in the near future. Annual savings can be obtained from reduced maintenance and income generated from energy savings made by the residents, and potentially the Renewable Heat Incentive. Upgrading a home to EPOC C costs on average £4,385 per home and reduces emissions by around 30%. (Corporate Plan) Develop a plan for improved home insulation for both Council-owned and other properties	Simon Smith		Nov-20	Mar-23	G	14/12/2022	SS: - The Council has been awarded funding on the Social Housing Decarbonisation Fund (SHDF) Wave 1 of £1.5m to improve the EPC performance of 136 properties. The works began in September 2022 and be complete by 31st March 2023. - The Council was awarded Green Homes Deal Local Authority Delivery 1B funding to carry out works to 45 properties to achieve a Carbon Neutral output and an EPC rating of C to these properties. The lessons learnt from these pilots will inform the Energy Strategy developed by the Housing Service to achieve the Council's target of 2030. This programme was completed in 30/06/2022. - Housing Strategy is currently at the consultation stage. - The Council have submitted a bid for funding under the SHDF Wave 2 scheme for works on 900 properties, bidding opened in November 2022 and the programme delivery dates are from April 2023 until March 2024. The Council will be notified of the outcome of their bid in January 2023
Energy use	2.140	Yes	Investigate the possibility of using land or developments for a large-scale energy generation to enable us to produce our own energy and decarbonise our operations, and as a means of income generation and energy resilience.	Robbie Hazlehurst	Candice Luper	Nov-20	Mar-22	G	03/02/2022	MP - Met with local Solar PV expert who is willing to provide free feasibility and give advice and support for progressing with the Councils' renewable objectives. - A preliminary rooftop analysis has been undertaken looking at current Council buildings and the most feasible location for a new system, as well as the cost for a new system. Using data from the existing system on the Civic centre, calculations will be done to determine the payoff time for a new system. This information will inform any future decisions for this sustainability item. - TM 05/08/21 This project will be considered as part of the revision of the property investment strategy and plan for 2022-23. Latest property investment strategy and plan being reviewed at scrutiny committee. New projects to be brought to the Regeneration and Business committee in November.

Energy use	2.150	Yes	Develop Planning Policy requiring high standards of sustainable construction, resource efficiency, on-site renewable or low carbon energy generation.	Chris Briggs		Jan-21	Jul-23	G	03/01/2023	CB - Progress report and draft policies went to LPAG 2.11.21 and then updated report and updated draft policies went to LPAG 14.12.22. Councillor comments from 2.11.21 were taken on board and updated comments from 14.12.22 are being taken on board and work progresses on Policy drafting. Updated drafts to go back to LPAG June 2023 ahead of incorporation into Local Plan Reg 18 consultation July 2023.
Energy use	2.160	Yes	Ensure that the Planning Department are equipped with expertise in sustainable construction methods and low carbon technology to be able to understand the best solutions available and demand appropriate improvements.	Sarah Ashton	Candice Luper	Jan-21	Jun-23	A	23/12/2022	CL - Have identified training options for Planners with Apse, TCPA and others. Extended deadline as Planning and Building Control would prefer training after Local Plan has been finalised.
Energy use	2.170	Yes	Explore financial and other ways to secure carbon offsetting measures in major developments. This can incentivise the construction of energy efficient buildings and finance the transition to a low carbon district. Similar measures have been introduced in London and Milton Keynes.	Chris Briggs		Jan-21	Jul-23	G	03/01/2023	CB - Progress report and draft policies went to LPAG 2.11.21 and then updated report and updated draft policies went to LPAG 14.12.22. Councillor comments from 2.11.21 were taken on board and updated comments from 14.12.22 are being taken on board and work progresses on Policy drafting. Updated drafts to go back to LPAG June 2023 ahead of incorporation into Local Plan Reg 18 consultation July 2023.
Energy use	2.180	Yes	In the next review of the new Local Plan , seek to allocate suitable areas of land within the District following paragraph 151 of the NPPF for renewable and low carbon energy and heat. Increasing renewable energy capacity requires finding suitable sites. 1MW wind requires 25-54 acres of land, 1MW solar requires 4 acres (though wind has 3 times more capacity to generate energy per MW than solar). The average town in UK has 32MW of renewable energy whereas in St Albans we have just 4.7MW. Enfield has installed several solar farms and now generates 58.4MW.	Chris Briggs		Feb-21	Jul-23	G	03/01/2023	CB - Progress taken to LPAG 2.11.21. Report on 'call for sites' to LPAG 15.6.21 included some land for renewable and low carbon energy. Work ongoing on assessing the circa 200 sites submitted in total for all uses. It will take some time to work through. Initial review suggests most land put forward in this category is as part of potential large scale residential development sites. All 678 sites under consideration have undergone an initial review. The detailed Site Selection Methodology was agreed at Local Plan Advisory Group (LPAG) in June 2022 and piloting is underway. The Site Selection outputs are due to be considered at LPAG in June 2023.

Energy use	2.210	Yes	Deliver a scheme to support vulnerable and low-income households by making use of Energy Company Obligation funding to improve the energy efficiency and warmth of their homes and reduce excess winter deaths. As part of this we will ensure that we make best possible use of the 'Flexibility Eligibility' so that local householder who need it, are able to access support.	Candice Luper	John Frost	Sep-20	Ongoing	G	14/12/2022	CL: - St Albans Warmer Homes scheme was set up to provide residents with a clear way to access Energy Company Obligation (ECO) funding. YES Energy managed the scheme and installed 17 boilers, 9 Cavity, Room in roof or Loft Insulation, 1 new heating and 1 remedial heating during the programme. Scheme was widely promoted with press releases, social media, Council newsletters and direct mailings to low EPC households. - Working in partnership with Older People's Trust who agreed to provide top-up funding to those over 60 in need of boiler replacements and repair who were not able to obtain 100% funding from ECO via St Albans Warmer Homes - We permitted the installers on the National Energy Foundation (NEF) installer network to use the Councils ECO Flex criteria. This made it easier for more contractors to help local households obtain ECO funding. (Previously only Yes Energy had access through the St Albans Warmer Homes scheme). Since NEF came on board their installers have provided 9 boiler replacements, 48 cavity wall insulation, 9 loft insulation and 19 first time heating systems. - Warmworks scheme was launched Aug/Sept 2022, allocating £1,362,000 Green Homes Grant funding to deliver wall, loft and hot water tank insulation, Air Source, ground source or hybrid heat pumps, Biomass boilers, Double / triple glazing to replace single glazing, energy efficient doors, thermostats and heating controls, to low-income households. This has been promoted on social media and is on our website but wider launch will take place once all elements have been finalised. - ECO closed in spring 2022 and is being replaced with ECO4 We have published our ECO4 Flex SOI which allows us to take part in the scheme and for residents to continue applying for certain measures. Any contractor registered as an NEF Installer can access our ECO Flex SOI and thus identify eligible households in our area. - Discussions are progressing with EON who will target a specific area of the District for whole-house improvements under an ECO4 funded scheme to mostly private, and some social, housing. - St Albans Home Energy Support Service is now live. This replaces St Albans Warmer Homes, and provides a central port of call for residents to obtain information on how to reduce their energy bills, how to improve home energy efficiency and guide residents to funding if they are eligible. The service is being provided for free thanks to funding from the Energy Industry Voluntary Redress Scheme, however the Council have paid additional fee to ensure that 75 middle and high income households are also able to access advice on home energy efficiency. So far 27 able-to-pay households have taken up advice through this service.
Energy use	2.220	Yes	Collaborate with the Parish Councils and local groups to actively promote advice and information on reducing energy consumption, managing their energy bills, renewable technology and tackling fuel poverty. We will promote national grants, subsidies and initiatives as they become available.	Liz Marcy	Candice Luper	Apr-21	ONGOING	G	23/12/2022	CL - - See previous cells which outline our comms and engagement activities. - All Parishes have been offered one-to-one support at the Parish Roundtable and also at APC meeting in 2021. One on one meetings commenced with 2 Parishes. SADC Climate Change training will be used at one Parish. Also provided links to the online Youtube training in July 2022. - Solar Together scheme launched in September, a Herts-wide solar panel (and battery and/or EV charger) bulk purchase scheme via iChoosr. Over 3300 households registered for the scheme in St Albans District (this is the most in Hertfordshire). 239 households have committed to progress with installations. The initiative was promoted by letter, social media and radio. We are now awaiting details for the number of people who will progress with assessments. - Older Persons Events include information on energy efficiency. - Information on local schemes, energy efficiency advice etc, sent to local voluntary groups and parish Councils. Gradually collating a mailing list of local contacts. - Risk of increasing poverty in the District as a result of rising fuel prices has been added to the Council's Risk Register. Mitigating measures are being developed and promoted. These include warm spaces and the delivery of energy efficiency talks and workshops. - HEAT App was launched to show users how they can simply save energy at home.
Energy use	2.230	Yes	Improve promotion of the Home Repairs Assistance Grant providing support for improving the energy efficiency of vulnerable households, by improving visibility on the website and through a specific leaflet.	John Frost		Oct-20	ONGOING	G	19/12/2022	JF - No new claims
Energy use	2.240	Yes	In response to complaints from tenants in the private rented sector, we will enforce the requirements of the Housing Health and Safety Rating Scheme (HHSRS) and the minimum energy efficiency standards to reduce the hazard of excess cold. Where homes aren't adequately heated, landlords will be requested to carry out energy efficiency improvements.	John Frost		Mar-20	ONGOING	G	19/12/2022	JF - 1 property identified with potential excess cold hazard. Statutory Abatement Notice Service and alternative heating provided.

Energy use	2.250	Yes	Establish how the Council might more proactively monitor and enforce Minimum Energy Efficiency Standards given the existing resources to do so. Minimum energy efficiency standards have been set by the Government for homes that are privately rented, with a minimum 'Energy Performance Certificate' of E required. Councils are responsible for ensuring that these standards are met, but research suggest that many councils aren't effectively enforcing them at the moment, thus missing a key opportunity for cutting carbon and improving housing quality. Cost £45k pa to cover a full-time officer. Some of this can be recouped through fees.	John Frost		Oct-20	ONGOING	A	19/12/2022	JF: - Sustainable Warmth funding of £1,362,000 has been secured for energy efficiency measures in low income household with poor energy efficiency.. Promotion currently linked with St Albans Home Energy Support advice line. Mailshot to 1200+ properties with EPC ratings F and G. Recent publicity through Social Media and articles in Community News and Sustainability News. - Awaiting confirmation of allocation of funding for joint HUG2 bid for energy efficiency and clean heating upgrades to fuel-poor homes off the gas grid. Should be announced in January 2023
Energy use	2.260	Yes	Attend Landlord Forums and work with lettings agents and private landlords on an occasional basis to disseminate information and to raise awareness of Landlords' duties to meet minimum standards and to provide advice on the assistance available.	John Frost		Mar-20	ONGOING	A	19/12/2022	JF -Landlords Forum held on 8th November 2022, 24 attendees. Private Sector Housing team continuing to provide advisory visits to landlords' properties and will be promoting the Sustainable Warmth grant funding opportunities.
Energy use	2.300	Yes	Develop a structured plan of action to undertake energy and renewable technology audits of the main Council buildings (HOUSING) to identify the most cost-effective means to decarbonise our property portfolio. It should also include works to ensure the main Council buildings have an Energy Performance Certificate of B or above by 2030. Low carbon heat sources such as heat pumps or heat networks <u>will need to replace gas fired boilers</u> . The study should explore means to obtain cost neutral improvements through Energy Services Company schemes such as Re:FIT or interest-free programmes such as Salix. Implementation is expected to begin by Nov 2020. (Corporate Plan) Ensure that the Councils office buildings and Council-sponsored developments are more energy efficient, including renewable energy schemes & Develop a plan for greater use of solar panels on Council-owned property and support businesses looking to develop solar or other renewable assets.	Simon Smith	Joanne Turner	Apr-21	Mar-25	G	14/12/2022	SS - - Housing Service Energy Strategy approved at Housing and Inclusion Committee meeting on 26/01/22. The strategy aims to achieve a carbon neutral position for Housing Assets by 2030. - The Council has been successful in obtaining Government Funding under the Social Housing Decarbonisation Fund Wave 1 to carry out energy efficiency works to 136 Housing Revenue Account dwellings to achieve an EPC rating of at least Band C by 31/03/2023. - The Council has submitted bid for more funding under the SHDF Wave 2.1 programme for works on up to 1,000 HRA properties, the bidding process opened in November 2022 and the successful bids will be informed in January 2022 with works due to commence in April 2023 and be complete by March 31 2025. - The Housing Department have completed a partially Government Funded Pilot programme to work on 45 HRA properties. The aim is to achieve an EPC rating of C on properties that currently have an EPC rating of D or below. The pilot programme will provide the basis of an energy strategy that will achieve a carbon Neutral position on HRA stock by 2030 and ensure all properties are at least at EPC B . The pilot programme began in March 2021 and was completed by the end of June 2022. - The Housing Asset Team are working with MSPS to install GoldenI technology in a pilot of 50 properties. This technology can remotely monitor temperatures, humidity and use of heating. This will allow the Council to monitor the results of insulation and renewable heating measures and help to identify causes of damp and mould.
Transport & AQ	3.010	Yes	Provide 2-4 electric pool cars for staff to use for business purposes. These cars will be available for public use outside of working hours.	Candice Luper	Steve Dibben Jane Pearce	Aug-20	May-22	G	14/12/2022	CL/SD - - Car Club has been launched to the public on 26/01/22. Electric vehicles replaced hybrid vehicles in July 22. - Promoted in Community News, Sustainability News and leaflets have gone out with Council Tax mailing. - Staff processes are now in place and staff launch took place 26/05/22. So far only one staff journey despite ongoing communications. - Between March - Nov 2022 the cars travelled 10,044 miles. - Utilisation of the vehicles averages between 5% - 22% per month. We know that the more cars available, the more people will view the cars as a reliable alternative. For now we need to monitor usage and keep promoting the scheme. Aim is to introduce more vehicles to town centres, flat developments and areas of limited parking.
Transport & AQ	3.020	Yes	All Council Housing fleet will be replaced with ultra-low emission vehicles at end of life or by 2028 starting with markets vehicles. This will include service vehicles such as those required for parking enforcement and the recycling collection vehicles.	Simon Smith	Andrew Ilott	Mar-26	Mar-27	G	23/12/2022	Housing only have 1 vehicle which is the caretaker van. This will be replaced by 2028. Our contractors Morgan Sindall have recently purchased their first electric vehicle and have a second on order.

Transport & AQ	3.021	Yes	All Council fleet will be replaced with ultra-low emission vehicles at end of life or by 2028 starting with markets vehicles. This will include service vehicles such as those required for parking enforcement and the recycling collection vehicles. (Waste, Parking, Markets, Grounds Maintenance)	Stuart Fitzsimmons	Candice Luper	Oct-21	Mar-24	G	22/12/2022	SF: - Fleet upgrade or fleet replacement discussions are underway with Veolia and JOC. - An upgraded fleet of Grounds Maintenance vehicles is planned to be in operation in 2022. 38 new vehicles and plant to GM contract of which 4 are EV and 1 is hybrid. This represents a reasonable interim step. Vehicles have been ordered. Council have contributed to the purchase of an electric JCB for the Cemetery Service. - Veolia are currently trialling electric vehicles and keeping abreast of developments in the technology. Electric street cleaning vehicles are currently being trialled. - We are closely watching best practice and have attended local authority discussions on the use of different oils such as (hydrotreated vegetable oil) as an interim step towards net zero. - Discussions also underway about the size of waste vehicles being used in the Conservation Area and whether we can choose smaller vehicles in the next contract to minimise damage to the public realm.
Transport & AQ	3.022	Yes	Museums Van will be replaced with ultra-low emission vehicles at end of life or by 2028	Farhana Begum		Mar-23	Mar-24	G	23/12/2022	Museum Business Manager shall start the planning for the replacement of the Museum Service van for an electric version by Mar 2024. 1 vehicle is still in working order and has low mileage. It will be replaced in the next 4-5 years. No further update required until nearer the time.
Transport & AQ	3.030	Yes	Update the Council's Green Travel policy/guidance such that flights will only be authorised in exceptional cases where there is no reasonable alternative and that long-distance journeys must be made using lower carbon options such as rail or else journeys will not be reimbursed.	Jane Pearce	Lakshmi Raghavachari	Jan-21	Mar-23	A	21/10/2022	JP - Work to develop new green travel policy/guidance underway - looking at best practice and linking to move to more agile working (hybrid arrangements between home/office). Will finalise alongside review of hybrid working arrangements so that green travel options support new ways of working.
Transport & AQ	3.040	Yes	Explore options to reward and incentivise staff to choose lower emission travel. As part of this we will look to incentivise cycling by providing a mileage reimbursement for business trips travelled by bike. We will also explore how making changes to the Essential Car Allowance can support this aim.	Jane Pearce	Candice Luper Lakshmi Raghavachari	Jan-21	Mar-23	A	21/10/2022	JP- Green Travel policy and incentives being reviewed as part of 'modernising our employment offer' alongside new operating model work in 2022/23. Employment offer research completed and recommendations include green travel incentives and example policy. Work to develop new green travel policy/guidance underway - looking at best practice and linking to move to more agile working (hybrid arrangements between home/office). Cycle to work incentives launched with new benefits platform.
Transport & AQ	3.080	Yes	Work with the County Council to develop planning guidance policies around the installation of electric vehicle charging points in new developments.	Chris Briggs		Jan-21	Jul-23	G	03/01/2023	CB - Progress report to LPAG 2.11.21. Local Plan scoping underway, including review of other Council's adopted Plan approaches to electrical vehicle charging points. Draft Policy will be considered by LPAG in June 2023 ahead of Local Plan Reg 18 consultation in July 2023.
Transport & AQ	3.090	Yes	Identify locations to install secure cycle storage in the district to maximise the use of bicycles and encourage cycling. This includes the provision of on-street cycle cages for streets of terraced houses.	Steve Dibben	Candice Luper	Feb-21	Mar-23	A	15/12/2022	SD - Form added to website to allow residents to express interest in an on-street cycle cage. 50 requests obtained so far. Expressions of interest from the public were then sorted into catchment areas to assess demand. We have searched council owned land within the high demand areas as well as possible off-street locations. Further analysis and consultation is necessary. Staff resource would be required to take this initiative forward as there is currently no available capacity in the team.
Transport & AQ	3.100	Yes	Explore options to introduce novel shared transport services such as on-demand buses.	Steve Dibben		Mar-21	Mar-23	R	15/12/2022	SD - No funding or resource available in 22/23, therefore initiative to be reconsidered in 23/24 HCC made a bid on behalf of SADC but the bid was not successful.
Transport & AQ	3.110	Yes	Explore possibilities of introducing pay-by-the-hour bicycles for public use in partnership with Herts County Council.		Steve Dibben	Mar-21	Mar-23	R	15/12/2022	SD - HCCSP have explored the possibility of introducing a County-wide pay-per-hour bike scheme and concluded that it is not feasible to implement at a county-wide level. Currently most schemes are not financially self-sufficient and required significant cash injection to make work. Watford secured a considerable grant from DfT to buy, manage and operate a number of 'Beryl-bikes' from Watford BC land as a pilot project. This funding stream closed in 2019. Initiative to be reconsidered in 23/24
Transport & AQ	3.120	Yes	Develop a Local Cycling and Walking Infrastructure Plan (LCWIP) for the District to identify cycling and walking improvements required to increase the number of trips made on foot or by cycle, including key links such as the routes from the City Centre to the rail stations.	Chris Briggs	Wendy Frost	Jan-21	Jul-23	G	03/01/2023	CB - Three stakeholder and Councillor engagement events took place spring-summer 2022. HCC are the lead authority and the two Councils and the consultants are taking on board all the comments made. Further engagement and a public consultation is intended in the first half of 2023.

Transport & AQ	3.140	Yes	Evaluate the most cost-effective and practical options to increase EV charging infrastructure across the District utilising OLEV funding. This will increase our understanding of future needs, management options, costings, and inform our policies on residential charging and appropriate requirements for new developments. Estimates suggest that we will need around 62 electric vehicle chargers in place before 2030 at a cost of £100k. Installation of EV charging to key Council sites is expected to commence before the end of 2020. (Corporate Plan) Develop plans for a significant increase in off-street and on-street electric charging points	Tom Hardy	Steve Dibben Candice Luper	Oct-20	Mar-23	G	15/12/2022	SD - Contract for EV charge points was awarded to SWARCO in September 22. Installation slipped to March 23 because SADC had found it challenging to secure new energy supply contracts. Recently, contracts have been signed with British Gas and EDF both for the supply of electricity. SWARCO will be installing at the following sites: Hart Road – 4 EV Charging Spaces (2 Fast Charging Units) Cotlandswick Leisure Centre - 2 EV Charging Spaces (1 Fast Charging Units) Keyfield Terrace - 4 EV Charging Spaces (2 Fast Charging Units) London Road - 4 EV Charging Spaces (2 Fast Charging Units) SADC will take ownership of 2 HCC EV chargers on Council land, namely at: Bowers Way – 2 EV Charging Spaces (1 Fast Charging Units) Charter Close – 2 EV Charging Spaces (1 Fast Charging Units) These are being replaced under the SWARCO Contract. SADC has also installed or is planning to install EV charge points to the new developments at developments at Jenny Lane, Noke Shot, Cottonmill Community & Cycle Centre, Fleetville Community Centre and CCOS South.
Transport & AQ	3.150	Yes	Develop a strategy, and associated incentives, to reduce emissions from the pool of local authority-authorised taxis. This will include programmes to encourage electric vehicles through education, marketing, loans, vehicle emissions restrictions, vehicle inspections, reduced licensing costs and determine end date for fossil fuelled licensed vehicles. We will review the proportion of large taxis we demand and agree a timetable for retiring existing polluting vehicles. (Corporate Plan) Develop plans for the re-introduction of electric taxis	Robin Ray	Desmond Crehan Daniel Pattenden	Oct-20	Oct-23	A	25/10/2022	RR - Briefing paper being prepared to set out potential measures to be introduced. New taxi policy in place, including phasing out of petrol/diesel vehicles, emissions standard and reduction in fees for low emission vehicles. As previously stated larger and often more polluting vehicles can provide wheelchair accessible vehicles, and we have no direct control so unable to 'introduce electric taxis'. - New taxi policy in place, including phasing out of petrol/diesel vehicles, emissions standard and reduction in fees for low emission vehicles. - Currently exploring the introduction of an electric-only taxi rank in town centre (with charge points). - HCCSP are undertaking an exercise to explore the possibility of creating a unified Herts-wide taxi decarbonisation policy for Herts.
Transport & AQ	3.170	Yes	Introduce an all-electric (or hybrid) pool car club for businesses and residents of the District. This provides vehicles for members to use on demand thereby reducing the need for car ownership.	Candice Luper	Steve Dibben	Aug-20	May-22	G	14/12/2022	CL/SD - - Car Club has been launched to the public on 26/01/22. Electric vehicles replaced hybrid vehicles in July 22. - Promoted in Community News, Sustainability News and leaflets have gone out with Council Tax mailing. - Staff processes are now in place and staff launch took place 26/05/22. So far only one staff journey despite ongoing communications. - Between March - Nov 2022 the cars travelled 10,044 miles. - Utilisation for the vehicles averages between 5% - 22% per month. We know that the more cars available, the more people will view the cars as a reliable alternative. For now we need to monitor usage and keep promoting the scheme. Aim is to introduce more vehicles to town centres, flat developments and areas of limited parking
Transport & AQ	3.190	Yes	Continue to develop and implement the measures of our Air Quality Management Plan to reduce emissions from road transport and improve air quality. As part of this we will look to introduce Air Quality Monitoring points across the District for particulate air pollution.	Tara Murphy		Oct-20	ONGOING	G	15/12/2022	TM: - Our Air Quality monitoring results showed pollutant concentrations of nitrogen dioxide to be under Air Quality Strategy objective levels by a significant margin at 2 of our 3 AQMA's. As a result of sustained reductions in pollutant levels, we have revoked these 2 AQMA's. DEFRA appraised and accepted our ASR22. We then revoked AQMA 2 & AQMA 7 and will report on these revocations in ASR23 (June 23) - Traffic management schemes involving various road closures, are currently being trialled around our remaining AQMA 1 (Peahen Junction) in the town centre.
Transport & AQ	3.210	Yes	Widely promote the Idling Action St Albans Campaign to raise awareness of the impact of idling vehicles on health and air quality. We will also introduce anti-idling zones and ensure idling is effectively enforced. Children and parents will be the core focus for any campaigns. (Corporate Plan states) Reduce pollution from car emissions around schools by implementing car exclusion and no car idling zones. Work to promote anti-idling zones with a programme of effective enforcement	Candice Luper	Robin Ray	Jun-21	ONGOING	G	14/12/2022	CL: - Idling Action banners produced for use at schools and car parks. Signage has been installed to Drovers Way/Russell Ave car park. Banners have been provided to 4 schools to hang on their gates in conjunction with newsletter articles. Had planned to do parent engagement but no Idling Action St Albans volunteers have been available to help. - HCC has also provided training for more Idling Volunteers for Clean Air Day and delivered 150 interactions across Herts. We have widely invited people to take part via social media and emails to our network but no-one took up the offer in St Albans. Some active Councillors also did some engagement at a local school using our materials. - Occasionally residents contact the Council and we send them materials to give to drivers. - The ice cream van firm using Verulamium Park under contract to the Council, have invested in a cutting-edge technology battery-only van which will power the production of ice-creams and therefore eliminate the need to idle the engine during use, in addition to their grid-fed van. Since the site is a Scheduled Ancient Monument, the laying of electricity cables to create additional power points is cost prohibitive. RR - County have indicated that they intend to issue a statement/guidance to schools relating to school streets schemes, no intent to delegate powers to district on this matter. Parking considering other legal options to tackle idling.

Transport & AQ	3.240	Yes	Facilitate a regular transport stakeholder meeting to bring together Herts County Council, local transport providers and Intalink to encourage improvements to local public transport provision, cycle and walking routes and roads. The meeting will provide a forum to share best practice, address and overcome issues, apply for funding and implement improvement projects, for example to convert local buses to electric, hydrogen or biogas.	Steve Dibben		Feb-21	Apr-22	G	15/12/2022	SD: As part of the National Bus Strategy Local Authorities, including HCC developed Bus Service Improvement Plans (BSIP). - HCC facilitates a quarterly Enhanced Bus Partnership meeting. The last meeting with SADC officers was in December, where HCC provided a summary of the BSIP in readiness to start discussions about design of schemes in St Albans to improve bus punctuality. CL: In terms of Electric buses HCC are looking at putting a bid in for Zero Emission Bus Regional Areas (ZEBRA) this is funding to work with bus operators not areas on purchasing electric buses and charging points in depots. Currently we've had an expression of interest from UNO and Arriva but further discussions need to be had as the DfT will only fund 75% of the total amount needed so there is a shortfall for operators and potentially HCC. Nothing has been agreed yet on how that bid will look like but we'll be putting something together. If it is with UNO then that will have an effect on St Albans as UNO services go there.
Transport & AQ	3.260	Yes	Continue to meet regularly with St Albans Cycle Forum, St Albans Bus Users Forum, and Herts County Council Integrated Transport Team to discuss issues and future projects, and to give passengers a means to voice concerns and experiences to those that plan and operate their services.	Steve Dibben		Oct-20	ONGOING	A	15/12/2022	SD - St Albans Bus Users Forum meetings suspended during COVID because they are face to face meetings. The forum has not resumed but it is hoped to do so when HCC present designs for bus punctuality.