

Domestic Energy Efficiency						
Name of project / work	Brief description of project / work	Lead Officer / Lead Member	Please state any indicators / measures linked to monitoring progress on this work	What is / was your baseline measure at the commencement of this project/work?	What is your end target to achieve in relation to this project/work and how will it be measured / progress reported on? (please indicate a projected end date for project completion too	Q4 (Jan-Mar 23) update
CS12 Policy - renewable energy concepts on all new builds	ensure that properties meet a minimum renewable energy standard	Hazel Hill / Cllr Hayes	All new developments of 5+ homes or more than 500 sq metres to demonstrate measures to reduce CO2 emissions by 10% and to provide 20% of all energy consumed by on-site renewable means; all new development of less than 5 / less than 500 sq. metres to demonstrate measures to reduce CO2 emissions by 10%	Measurement of this policy commenced in Oct 2018 That was point zero.	no: of new homes meeting set criteria p.a. TARGET FIGURE of 500 p.a. (1,389 in first two years of measurement Oct 18_20).	<p>Commentary continued to be made by the outgoing Sustainable Energy Officer until late March 2023. Moving forwards CS-12 will become redundant with the adoption of the new Local Plan.</p> <p>When the new local plan is adopted it is hoped BFC will create a ring-fenced funding pot into which developers who fail to meet planning standards pay a compensatory sum. Any monies within that fund could then get spent on retrofitting the borough's least energy efficient buildings/homes and/or helping those residents living in fuel poverty. This will be further discussed with Planning.</p> <p>There is no longer much need to apply CS-12 policy and this Action Plan item will be closed.</p>
Monitor residential energy efficiency (ELMHURST database)	Updating the database including new or additional properties.	Hazel Hill / Cllr Hayes	Total number of homes on the database; PLUS total proportion (%) of homes on database that are rated D or above. The UK government has set a target for all domestic dwellings to reach band C by 2035.	Yes Oct 2018: 44,040 homes on database and 39,988 of those (90.8%) were rated D or above	To increase the total number of BF residents homes captured on the database and to increase the % of homes with a rating of D or above from the Oct 18 baseline figure of 90.8%. (Target of 0.5% increase per annum)	<p>54,737 dwellings now on the database representing 99.1% of all housing types within the borough. This includes new properties not yet occupied.</p> <p>32,926 (60.2%) of known properties are an EPC band of C or above.</p> <p>The UK government has an ambition for all domestic dwellings to reach band C by 2035.</p> <p>The officer with sole use of this software left the Authority on 31st March 2023. There may be a short hiatus whilst we seek to plug the gap.</p>

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Promote (& measure) grants/funds for energy efficiency and/or renewable energy at home	LA - Flex (installing cavity/loft insulation and / or boiler replacements in BF homes)	Hazel Hill / Cllr Birch	Number of properties benefiting from LA Flex funding	Measurement began in Nov 2017 Baseline was zero at that point.	TARGET FIGURE of 400 properties to benefit p.a. (1,468 total in first 3 years of measurement Nov 17_20)	As the eligibility criteria have proved so difficult to achieve, no specific works have been undertaken in the quarter.  A combination of the low-income threshold specified combined with the ECO 4 requirement to lift a property up two SAP band ratings and an exclusion of park homes has made identification of properties extremely hard.

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Promote (& measure) grants/funds for energy efficiency and/or renewable energy at home	Warm, Safe & Well scheme £54k p.a for 2yrs (funding home insulation schemes for eligible* residents)	Hazel Hill / Cllr Birch	no: of properties benefiting from WSW funding; sums of funding spent;	Measurement began in Feb 2020 Baseline was zero at that point.	Either: no: of properties benefitting p.a. or aim to spend all £108k available or both	<p>During Q4 11 measures were installed on nine properties at a cost of £12,317 (average of £1,369 per property). At end of Q4 approved spends were £37,663, but commitments bring that total up to an estimated £70,000.</p> <p>There is a risk of overspending the allocated budget by approx. £3,500 were all residents nominally registered for the scheme to proceed with identified works. The scheme is currently closed to all new enquiries whilst we complete an exercise to determine those residents who intend to proceed with works.</p>
Promote (& measure) grants/funds for energy efficiency and/or renewable energy at home	Green Homes Grant (LAD 2 scheme). Funding energy efficiency and or renewable energy improvements in E,F,G	Hazel Hill / Cllr Birch	no: of properties benefiting from funding	Zero as at Apr 2021 when scheme commenced	No: properties to benefit from retrofit work measures - dependant on average cost of measures identified and funding available	<p>This scheme is now closed.</p> <p>We are still awaiting final project closure reports, so currently do not have any metrics to provide measurement against.</p>

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Promote (& measure) grants/funds for energy efficiency and/or renewable energy at home	Green Homes Grant Bid 3 (Sustainable Warmth)	Hazel Hill / Cllr Birch	no: of properties benefiting from funding	Zero	No: properties to benefit from retrofit work measures - dependant on average cost of measures identified and funding available	<p>The most recent interim report highlighted that 29 eligible LAD3 homes and 5 eligible HUG homes were progressing with retrofit works. No more homes were being identified so the above numbers should not change.</p> <p>Despite BEIS (who provide the funding) agreeing to offer extensions beyond 31st March 2023, the Berkshire Managing Agent (City Works) announced in late March that they were unable to continue delivery beyond the end of March. The scheme therefore finished all delivery on 31/03/2023. We are awaiting final project closure reports.</p> <p>This scheme is now closed.</p>
Solar Together	Group-buying for solar PV and battery storage systems.	Gareth Jones / Cllr Hayes	no: of properties benefiting from installations; projected energy savings (KWh); projected CO2e reductions;	Zero	no: of properties benefiting from installations; projected energy savings (KWh); projected CO2e reductions;	In progress

Corporate Estate & Property						
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Water/Electricity/Gas consumption within the BFC estate ( <b>to be reported annually - Q4 - based on calender year stats</b> )	Report on previous calender year's figures for consumption of gas/elec/water and compare to prior records with suitable commentary against differences	Hash Patel	Previous years figures versus this year's figures	2021 figures (Tonnes CO2e) were initial baseline (2,920 gas / 2,018 gas, 78 water)* <i>Note these may need adjusting to account for alterations in composition of BFC state</i>	To redcue Tonnes CO2e emissions as low as practically possible by net zero target date of 2050	No update provided
A summary of Display Energy Certificates (DECs) in place across the BFC estate ( <b>to be reported annually - Q1 - based on EPC's held at end of financial year</b> )	Ongoing production and distribution of 2023 DECs are occuring at present.	Hash Patel	Advisory report. Based on the report we will use this information to inform an action plan. Outcomes of the DECs.	Awaiting completion of current DEC before moving forward.	The overall target is to evaluate the advisry report and put into place appropriate measures. Progress measured through annual reports.  Priority buildings are the ones with the worst score.	No update provided
Any energy saving/CO2e reducing projects within the schools estate	A summary of all CO2e reducing projects' progress within the reporting quarter	Hash Patel	Energy consumption. Reported annually.			No update provided
Any energy saving/CO2e reducing projects within the non-schools estate	A summary of all CO2e reducing projects' progress within the reporting quarter	Hash Patel				No update provided

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<b>FINAL SUMMARY of the SALIX funded energy saving reports for the BFC estate as commissioned by Atkins</b>	A brief summary of the key recommendations from the suite of Atkins surveys and how BFC proposes to develop them	Hash Patel	Any recommended works taken forwards in to programmed activities will be reported on via lines 5 or 6 above	Nil	Any recommended works taken forwards in to programmed activities will be reported on via lines 5 or 6 above	<i>HP is to provide a summary of the Atkins survey s received - what were the key recommendations and how will BFC take these forwards in future? This summary is due at end of March 2023</i>

Transport / Highways						
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Increase the use of sustainable modes of transport in targeted areas	<p>Get more people in residential and business areas walking and cycling or using public transport, particularly where census or public health data suggests uptake is low but could be higher</p> <p>LCWIP and Emergency Active Travel Measures, work with BID to promote and increase sustainable modes of travel in Business Areas</p>	Aidan Richardson & Phil Burke / Cllr Turrell	<p>Travel in Bracknell Report which contains annual bus and rail use data along with annual cycle and walking survey data and traffic counts</p> <p>Census 2011 data (now old)</p> <p>Active Travel Survey (2015)</p> <p>DfT Propensity to Cycle Tool</p> <p>Council Staff Travel Survey</p>	Yes we consider previous years data within the Travel in Bracknell Report and we consider a measure of success to be annual increases in walking & cycling in our annual surveys, along with bus and rail patronage	No	Officers secured £30,000 funding from Active Travel England to help fund a new secure cycle parking facility in the town centre.
Encourage more children (and parents) to cycle to school	Bikeability Cycle Training and promoting initiatives such as Bike to School day	Aidan Richardson & Phil Burke	<p>Number of children trained annually to Level 1 &amp; 2 standard</p> <p>Number of children cycling to school as reported by annual school census data</p>	Yes we consider previous years data on numbers trained	We aim to train as many children as we can each year	<p>This quarter, 139 children received Bikeability training in school and 6 families received free cycle training.</p> <p>Wildridings Primary school took part in Sustrans Big Walk and Wheel at the end of March with 55% of students walking or cycling to school on a daily basis.</p> <p>Availability of training providers remains a challenge. Our training provider are running another instructor recruitment course in Reading in January, which we have advertised.</p>

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Encourage more employers to support sustainable travel choices among employees	Travel Plans and Travel Information for Workplaces and work to support the Bracknell BID	Phil Burke	Number of businesses with a Travel Plan in place?	No	No	Cycle promotion and Dr Bike event held at Capitol building on Southern Business Area to engage with employees and encourage more sustainable travel. Funding for this has now ended.

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Promote & facilitate greener fuel vehicles and technology	EV charge point project & Sustainable Modes Strategy	Phil Burke	Number of charges / KWH used on EV chargers in Council car parks	No	No	<p>This quarter, there have been 14 new charging sockets provided in Council car parks, 524 charging events recorded at the ORCS-funded sites and 2110 charging events in town centre car parks (18 sockets).</p> <p>The next challenge is for the Council to secure additional private investment to facilitate further expansion of chargepoints in the borough. Procurement and Legal support will be required.</p>
Promote the use of alternative travel choices for short local trips	We are working in partnership with Eco Rewards to promote a sustainable travel incentives scheme	Phil Burke	<p>Travel in Bracknell Report which contains annual bus and rail use data along with annual cycle and walking survey data and traffic counts</p> <p>Census 2011 data (now old)</p> <p>Active Travel Survey (2015)</p> <p>DfT Propensity to Cycle Tool</p> <p>Council Staff Travel Survey</p>	<p>The Eco Rewards scheme will establish its own baseline for monitoring success</p> <p>We also consider a measure of success to be annual increases in walking &amp; cycling in our annual surveys, along with bus patronage</p>	No	<p>This quarter, the Eco Rewards smart-phone app was released with over 1000 downloads so far; 3 more schools have joined the scheme; and the New Year challenge helped the scheme reach the cumulative milestone of 400,000 green miles logged. Unfortunately, the network the scheme depends on has deteriorated.</p>
Monitor environmental impact of BFC-owned / leased vehicle fleet	To record annual (calendar) mileage per owned/leased vehicle for calculating emissions purposes	Matt Howlett	total mileage per vehicle per calendar year	mileage from 2019 equated to 52 Tonnes CO2 equivalent worth of emissions	to maintain or reduce total emissions down from 2019 levels	No update received.

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Increase EV's in the Council fleet and improve charging infrastructure	Where possible replace with EV's or reduce the size of the fleet	Simon Rashbrook	no	no	ongoing	No update received.

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Reduce emissions from Home to School transport scheme		Simon Rashbrook	No	No	Current DPS framework for HTST and Passenger Transport expires 31.08.2026	No update received.
Working to reduce no: of home-to-school transport students	Identifying incentives and alternatives to reduce no's requiring car transit	Simon Rashbrook	No	No		No update received.

<b>Biodiversity</b>						
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Facility and equipment Improvements	Any improvements to reduce the carbon footprint of our buildings and equipment.	Charlie McNish				No updates this quarter.
New - Monitor priority habitats and species	Monitor the status of priority habitats and species to understand changes that may occur.	Rosie Lear	Yes, BAP targets and Annual Monitoring report for Local Plan	No	Annual review	No updates received.
New - maintain habitats in good condition and control invasive non-natives	Carry out habitat management works to maintain habitats in favourable conservation status.	Rosie Lear	Yes, BAP targets and Annual Monitoring report for Local Plan	No	There are 4 targets monitoring condition of habitats in the BAP ending 2023.	No updates received.
New - improve green infrastructure through land management	Identify deficits and use land management to improve green infrastructure.	Rosie Lear	Yes, BAP targets	Yes, the Green Infrastructure Review was completed in 2017.	BAP target - Explore corridor possibilities to link at least 5 significant areas for urban biodiversity	No updates received.

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New - Increase and improve habitats that mitigate effects of climate change	Create and enhance more habitats that store carbon and water such as large trees, woodland, meadows and wetlands.	Rosie Lear	Yes, BAP targets	Yes, the Annual Monitoring Review for the Local Plan estimates the area of priority habitat types.	There are 13 BAP targets to restore and enhance habitats that would store carbon and water.	No updates received.
Improve water supply and retention to trees in order to reduce impact of warmer summers and droughts	Mulching application is used where feasible.	Charlie McNish				No updates received.
Adapt maintenance programmes for parks and open spaces to changes in the growth patterns of plants	All rangers have been asked to seek and remove areas from regular maintenance where it is no longer deemed necessary.	Charlie McNish / All rangers/ Alan Wilson				No updates received.
Increase / improve the borough's tree cover	Either plant new trees or replace existing with stocks suited to our climate	Charlie McNish				No updates this quarter.

<b>Waste</b>						
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Reduce landfill waste	Reduce the % of overall waste going to landfill	Donna Cox / Cllr Hayes	% of waste to landfill	17% (19/20 figure) NI193	Reduced % of landfill waste (10% for 21/22)	To the end of quarter 3 the landfill rate was 8.8%.
Increase recycling rate	Increase the recycling %	Donna Cox / Cllr Hayes	% of ALL waste recycled; Tonnes of food waste recycled;	43% - ALL waste (19/20 figure) NI 192; Food waste recycling introduced Mar 20;	50 % - ALL waste (21/22); 4,000T food waste p.a.	<p>The recycling rate for quarter 3 is 2.1% below the same period last year. 54.9% recycling rate up until the end of Q3.</p> <p>As with the previous 2 quarters the food waste being recycled remains lower than last year, likely to be related to the costs of food increasing significantly. April to December 2022 food waste recycled is 4034 tonnes, this is 500 tonnes less than last year.</p> <p>The dry recycling is also down compared to the previous year, again likely to be cost of living related as people buy less, there is less packaging to dispose of. 3964 tonnes of dry recycling so far this year, this is 600 tonnes less than last year.</p>

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Decrease waste per household	Decrease the total waste per household in kgs - this includes all types of waste	Donna Cox / Cllr Hayes	Kgs waste per household per annum	974kgs waste per hh (19/20 figure)	Reduce kgs per hh (below 975kg p.a)	35040 tonnes of waste has been produced up until the end of Q3 this year, this is down by 2140 tonnes compared to the previous year. The majority of the reduction is in recyclable and compostable wastes: food, recyclable packaging and also garden waste. Overall, waste is down 5.75%
Seek to measure emissions (& encourage reductions) in the environmental impact of waste contractors' vehicles	Maintain or reduce vehicle emissions	Claire Pike / Cllr Hayes	Average Kg CO2e emitted by fleet vehicles per mile	3.12Kg CO2e per mile (2020/21)	maintain or reduce Kg CO2e emitted per mile	No update this quarter.

Procurement						
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Ensure Climate Change mitigations are reflected within procurement documents	Use Procurement Register to capture CC strategies of our suppliers	Head of Procurement	None	None	None	Awaiting implementation of the Bracknell Forest Local Plan (BFLP). The BFLP is currently being examined. The hearing sessions have been held and the Inspector's post hearings letter has been received which sets out proposed main modifications needed to make the Plan sound.

Air Quality	Air Quality					
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PPP Defra AQ Grant 2021/22 (Monitoring NO2 and PM2.5 emissions)	Invest in technology to capture NO2 and PM2.5 particulate matter concentrations	Jason Webb / Cllr Harrison	No: sites being monitored; NO2 and PM2.5 results from those sites;	Zero - no monitoring in place	NO2 and PM2.5 data to baseline future measurement against; a range of interventions targeted at helping reduce NO2 and PM2.5 measures further	<p>PPP and AECOM have now finished the PM2.5 monitoring in the 14 Schools, and they will be receiving their reports this April. None of the schools have breached the National Air Quality Standards for PM2.5 and PM10.</p> <p>WSP have also contact the 14 schools to run either an assembly or lesson (of failing that a teaching pack will be provided) to help educate those about idling.</p> <p>The survey results for the anti-idling poster campaign will be available for next quarter.</p>
Idling vehicle actions	Enforcement on idling vehicle engines within the borough	Jason Webb / Cllr Harrison	Recorded number of incidences	Actions will commence in 2021		No update received.

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Testing vehicle emissions	Enforcement on poor vehicle emissions in the specific AQMA areas	Jason Webb / Cllr Harrison	Number of stops initiated and no: of penalties awarded	Actions will commence in 2022		No update received.
Monitor and improve Air Quality ( <b>ANNUAL SUMMARY ONLY - Q3</b> )	Reporting on 2 x specific AQMA's with aim to reduce levels of NO2	Charlie Fielder / Cllr Harrison	Annual report sent to DEFRA every June - have to achieve National Air Quality Objectives (NO2, PM10 levels)	NO2 measurements recorded since 2000. 2020 return was favourable.		No update received.

<b>Planning</b>					
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Emerging Bracknell Forest Local Plan - flood risk	Emerging policy on flood risk requires development to avoid areas at risk of flooding	Sarah Slade	Development to avoid areas at risk of flooding	2022	Number of appeals allowed when refusal is on grounds of flood risk
Emerging Bracknell Forest Local Plan - sustainable construction	Emerging policy on sustainable construction requires a reduction in carbon emissions or net zero emissions for new dwellings, water efficiency standards and sustainability standards for non-residential development (These requirements are emerging will be updated in the next version of the Local Plan. N/B all the policies are draft and not yet adopted.)	Sarah Slade	Major new residential development - net zero for regulated emissions; all other residential development minimum 19% reduction in emissions; residential development water use 110/litres/person/day; non-residential development of 500sqm or above to meet BREEAM excellent standard	2022	Percentage of major residential development not meeting zero carbon standard; Percentage of all other residential schemes not meeting 19% improvement in the dwelling emission rate over the target emission rate; Percentage of residential development not meeting water efficiency standard of 110 litres/person/day; Percentage of non-residential development of 500sqm or above not meeting BREEAM 'excellent' or equivalent;.
Emerging Bracknell Forest Local Plan - SUDS	Emerging policy on Sustainable Drainage Systems (SUDs) requires SUDs for major development and development in areas at risk of flooding	Sarah Slade	SUDs required for major development and development in areas at risk of flooding	2022	Number of appeals allowed when refusal is on grounds of no/inadequate SuDS provision.;Number of planning applications including SuDS provision permitted.

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Sustainability Appraisal of the Emerging Bracknell Forest Local Plan	Examines how each policy in the emerging Local Plan contribute to achieving sustainable development (e.g. level of, location of and requirements for development)	Cathy O'Connor	Wide ranging measures proposed through the BFLP and SA	2022	

External Projects supported by BFC						
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Retrofit the Silva Homes owned domestic housing stock	Bidding for Social Housing Decarbonisation funding (2nd wave)	Climate Change Officer (Assisting)	no	no	no	Bid unsuccessful; awaiting news of next tranche of funding - project will move to completed tab next quarter.

<b>Finished Projects</b>						
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Promote (& measure) grants/funds for energy efficiency and/or renewable energy at home	Green homes voucher scheme. Supporting residents to apply for 2/3 funding towards energy efficiency and / or renewable energy improvements	Hazel Hill /	no: of homes/residents applying to the scheme	Zero as at Sept 2020 when scheme commenced	The no: residents applying to the scheme p.a.	Q3 21/22 - item removed as BFC had no oversight of households making applications
Plan for impacts of climate change on species and habitat conservation and migration	Not planned.	Alan Wilson / Marlies Boydell	No	No	Yes, complete a review which was done in 2015.	Q3 21/22 - item removed as BAU within Natural Estate team's work activities
Implement climate change cross-cutting themes in Biodiversity Action Plan (BAP)	Ongoing work on the BAP	Alan Wilson / Marlies Boydell		No	There are 18 targets in the General Themes section of the BAP.	Q3 21/22 - item removed as BAU within the BAP
Encourage public to have more environmentally friendly gardens	Year of the Garden 2020	Alan Wilson / Marlies Boydell		No	This project contributes towards the Urban habitat section of the BAP. There are 15 targets.	Q3 21/22 - item removed as BAU within the BAP
Promote (& measure) grants/funds for energy efficiency and/or renewable energy at home	Green Homes Grant £900k (LAD 1A scheme). Funding energy efficiency and or renewable energy improvements in E,F,G fuel poverty homes.	Hazel Hill / Cllr Birch	no: of properties benefiting from funding	Zero as at Oct 2020 when scheme commenced	90 properties set to benefit in 6 month grant period (Oct 20_Mar 21)	Q2 21/22 - 99 properties benefited from a total 123 energy improvement measures. Estimated £300 annual energy bill savings per h/hold and removal of 118 tonnes of CO2e

<b>Finished Projects</b>						
<b>Name of project / work</b>	<b>Brief description of project / work</b>	<b>Lead Officer / Lead Member</b>	<b>Please state any indicators / measures linked to monitoring progress on this work</b>	<b>What is / was your baseline measure at the commencement of this project/work?</b>	<b>What is your end target to achieve in relation to this project/work and how will it be measured / progress reported on? (please indicate a projected end date for project completion too</b>	<b>Final Update</b>
Avoid peat products and suppliers who use peat.	Avoid the use of peat compost and only source from suppliers using peat-free compost.	Charlie McNish	No	No	All compost and plant orders to include peat-free confirmation in writing.	Closed as now BAU
Anearobic Digestion Plant	Investigate installation of an anaerobic digestion plant (converts food waste to biogas or fertilizer)	Damian James / Cllr Hayes	Tonnes of waste diverted from landfill; energy (KWh) generated from waste; Kg of fertilizer generated from waste	Zero	Not yet set - feasibility study only	
Retrofit the Silva Homes owned domestic housing stock	Bidding for Social Housing Decarbonisation Funding (Wave 1)	Hazel Hill (Assisting)	no	no	no	
Improving energy efficiency within the corporate estate through decarbonisation scheme. New energy purchase contract signed with EDF Blue Energy	From Apr 21 all electricity supplied to BFC estate will come from 100% zero carbon sources	Hash Patel	KWH energy & CO2	Previous to Present KWH/CO2		complete Q4 20/21 - all electricity guaranteed as supplied from non-fossil fuel sources
Circular Walks/cycle rides	Series of 5 circular walks / cycle rides developed for summer holiday launch	Aidan Richardson & Phil Burke	N/A	N/A		Routes published / live on web pages as of Q3 22/23
Ensure Climate Change mitigations are reflected within procurement documents	Project specific. Climate change covered in Strategic Procurement Plans (SPP)	Head of Procurement	None	None	None	Q2 21/22 -All SPP's include environmental impact and/or mitigation considerations

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Promote (& measure) grants/funds for energy efficiency and/or renewable energy at home	Warm Homes Grant up to £2.8M (converting BF homes to gas supplied heating)	Hazel Hill / Cllr Birch	Number of homes converting to gas	Records began in Feb 2019. Baseline was zero at that point.	To upgrade 125 properties in total	Q2 22/23 - project funding closed at end of 21/22. 101 homes benefited from a total of £482,000 worth of works.
Reduce water use in identified council buildings.	Installing AMR meters across the estate	Hash Patel	m3 water consumption; co2 reductions	ongoing	5% reduction per annum	By end of Q3 2022 we will have a recorded consumption for most of our sites. Reporting on water consumption will continue within a new line on the action plan.
Monitor Energy Performance of Buildings & Highway assets	Display Energy certificates	Hash Patel	CO2 rates, KWH energy	Grade D and above	By 2030	(Q3 22/23) Withdrawn as a quarterly measure. Specific EPC reporting will continue on an annual basis within the action plan.
Report on specific projects delivering energy efficiencies in BF properties	Comment on specific energy saving projects within the BFC estate (excluding schools)	Hash Patel	KWH energy & CO2	Previous to Present KWH/CO2	15% saving from previous	(Q3 22/23) Withdrawn in current guise. Separate reporting will continue within the action plan.
Feasibility studies - retrofitting the corporate estate	Procuring a series of feasibility studies (with Atkins) to identify retrofit energy saving opportunities on corporate buildings	Hash Patel	No	No	No	(Q3 22/23) Studies were completed and formed basis of an initial £1M capital investment programme launched for 23/24.

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Report on specific projects delivering energy efficiencies in BF schools	Comment on specific schools estate thermal efficiency improvements	Hash Patel	KWH energy & CO2	Previous to Present KWH/CO2	15% saving from previous	(Q3 22/23) Withdrawn in current guise. Separate reporting will continue within the action plan.
Greening energy use: reducing energy costs £1M funding works for 23/24	Investing in range of repairs or replacement of elements of 9 buildings and incorporating several replacement heating systems, deploying Photo Voltaic (PV) solar cells and increase insulation to buildings. (23/24 planned works)	Hash Patel/ Kamay Toor	Reduced energy bills, reduction in GHG related to energy consumption	The council spent just over £2.1 million in 2021-22 on its utility costs. During 2022 Q1 the Council spent £327,586 this is 43% up since 2021 Q1 and the projection is that energy costs will continue to rise steeply. Costs are projected to increase by around 300% within the next 12 months.	These schemes will reduce energy consumption by approximately 357,966kWh (estimated 67.7 Tonnes reduction of CO <sup>2</sup> ). This equates to, approximate saving of £103,400 at current energy prices (05/08/22).	(Q3 22/23) - moved to completed section as these are now planned and progress will be reported within existing lines on corp estate and property tab
Convert all highway infrastructure to low voltage/LED technology where possible	Complete all underpasses, bollards, directional sign lights and traffic light systems to	Osmond Faleiro / Cllr Turrell				Q2 (21/22) - Closed as all works complete

<b>Potential projects</b>						
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Greening workforce transport (phase 1)	Moving intra-borough work related journeys from fossil fuel cars to EV's (options to encourage lease or purchase of Evs)	Alix Scott	Ess user costs; Mileage claim costs; mTco2e	19/20 Costs from HR: essential user payments of £366k pa; current mileage claims of £352k pa; Est: Carbon footprint of 20,424mTco2e p.a.	reduce figures in column E	Alix Scott (Business Change) investigating options (Q2 22/23)
Greening borough transport (phase 2)	Creating an EV car club for residents to access / utilise greener cars for all travel purposes	tbc				tbc
Green Infrastructure Strategy	A Green Infrastructure Strategy (GI) is being prepared to help implement the GI policy of the emerging Bracknell Forest Local Plan (BFLP). The GI Strategy will also help identify opportunities to better link people and wildlife across the landscape in the face of climate change.	Jonathan Salmon	Progress on the draft GI strategy		Completion target of May 2022. Implementation will be monitored through the BFLP.	Project Lead assigned. Awaiting implementation of the new Local Plan (Q3 22/23)
Library Home Delivery Service vehicle to be replaced by zero emission vehicle		Matt Howlett				tbc
Licensing	Manage limitations on taxi emissions via licensing policy review	Julia O'Brien / Cllr Harrison	Number of licenses awarded with tighter emissions restrictions; no: of EV taxis in borough	Actions may commence in 2022		tbc
Heat pumps in parks - a toolkit for cutting carbon and generating income	Installation of heat pumps across parks in the borough.	Gareth Jones/Faith Everett	A reduction in GHG in relation to per building emissions. A reduction in costs to heat per property.			Initial research phase. Update expected in Mar23

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Recycling of excess heat from cremating process.		Gareth Jones/Faith Everett				(Q4 22/23) - project initiated with Atkins conducting a feasibility study
Decarbonisation funding	Secure decarbonisation funding	Hash Patel				In progress (Q3 22/23)
Schools solar PV	Putting together application for general solar PV at all our maintained schools for circa £500k.	Hash Patel				In progress (Q3 22/23)
London Road Landfill Site energy hub	There are potential opportunities within this project for funding and green projects.	Stuart Jeffries / Damian James				Initial feasibility completed; planning pre-app next (Q3 22/23)