

Appendix 2

Annual Climate Change Report – Addendum

The council annual report is presented in July each year. However, due to the council elections in May 2023, this report has been delayed until September 2023. The data below bring this report up to date for its presentation to council.

Item	Target	Links to Annual report - page No.	Additional information
Green Homes Grant	12 Properties	p.9	LAD 2 - closed 30/9/22. £13k spent benefitting 5 properties. The LAD2 pot of money available to all six Berkshire LA's was underspent owing to managing agent difficulties. Although BFC were allocated notional funding of 87k, issues with the Berkshire wide implementation process preventing the council achieving its target.
Green Homes Grant	33 Properties	p.9	LAD 3 - closed 31/03/23. £273k spent benefitting 28 properties.
Warm, Safe & Well	Total budget of £66,500 to spend. To be spent over 2 year (by end of 2021)	p.9	26 vulnerable households received energy efficiency help. This cost £37,663 - an average of £1,449 per property. £28,835 has been carried forward for 23/24 allocations of which £17,519 has already been spent. The project target was changed to reflect the impact of the Covid Pandemic. Target was reset to end of December 2024.
London Road EV charging hub	RIBA stage D (full planning) by end of March 2024	p.9	The Charging Hub is at the pre-application advice stage. An initial response was received in August '23. The next stage of the programme will now go forward for more detailed work.
Green & Active Heroes	30 Active volunteers by end of 22/23; increase all parks and	p.9	There are 40 Active volunteers as at end of Q4 (March 2023). 244hrs of G&A volunteering delivered in Q4. The main achievement of the programme is to increase participation in positive activities that not only brings people together but also improves the environment.

	countryside volunteering by 10% against a 2022 baseline		
Air Quality (PM2.5 and Nox particulates)	Targets (Fine Particulate Matter) (England) Regulations 2023 for PM2.5 (i.e. the annual mean should not exceed 25 µg/m ³ and the interim target of 12 µg/m ³ to be met by end 2027 and long term target of 10 µg/m ³ by 2040.	p.10	<p>Annual reports are made to DEFRA on the two Air Quality Measurement Areas in the borough. Annual Status Reports (ASRs) are submitted every year for a calendar year of monitoring data and updates on actions undertaken. These are submitted to DEFRA for approval.</p> <p>https://decisionmaking.westberks.gov.uk/documents/s113803/11.%20AQ%20grant%20update%20Covering%20Report%20Incl%20App%20A-C.pdf</p> <p>The delivery of an air quality engagement programme with the 42 schools from the PM2.5 project commenced in March 2023. The monitoring will continue to the end of 2023 and then the data can be analysed. The school with the greatest reduction in NO2 levels will be awarded a prize, which will enable continued encouragement of active travel to school.</p>
Schools' CC Conference	£500 to be offered to each school – 100% take up and active project in place	p.10	<p>Schools are due to provide an update on their projects at the next conference. A number of schools have provided an update on their projects, in response to an information request. £500 kickstart funding -</p> <p>Kennel Lane School - forest schools project</p> <p>Easthampstead Park School - money went towards an off-curriculum day where KS3 students attended a Global Awareness Day and curricular development geared towards climate change</p> <p>Garth Hill School - Bee hotels and wildflower gardens</p> <p>Edgbarrow School - wildflower and afforestation project (ongoing) and school pond regeneration (planned)</p>
BID sustainability event	Reduce the number of businesses who have not set a target to be net zero (was 39% in 2021)	p.10	<p>No specific outcomes: the event was for information sharing and networking. Although the percentage of business reporting that they didn't have a target has reduced from 39% to 34%.</p> <p>Similar with 2021, 4% of businesses are committed to becoming net-zero by 2030 (5% in 2021) and a further 5% have targets but not a deadline (7% in 2021). Of those that have set targets, 37% are currently implementing carbon reduction measures, 6% in the next 12 months, 8% in the next 24</p>

			<p>months and 10% in the next 36 months. 27% said they will implement at a later date and 12% did not know when they would implement measures. 41% of businesses said becoming net-zero is not something they are committed to or given much thought (40% in 2021).</p> <p>Larger businesses are more likely to have some sort of commitment towards net zero – 19% of businesses with 20 or more staff said they are committed to becoming net-zero by 2030, compared with 7% of businesses with 5 to 19 staff and 3% with 0 to 4 staff.</p>
New Developments	Local Plan (once adopted)	(This is outside of the annual report)	<p>Government is encouraging the increase in ground source heat pumps and solar PV. This push comes from changes in the building regulation (Part L - setting standards for the energy performance of new and existing buildings.)</p> <p>There is no specific policy related to the use or installation of ground source heat pumps and solar PV. The existing adopted Core Strategy Policy CS12 sets on-site renewable energy generation requirements.</p> <p>The emerging Local Plan (Policy LP49) will 'encourage' rather than 'require' net zero carbon (regulated emissions) from new housing developments.</p> <p>The emerging Local Plan will also require non-residential buildings of 500sqm or above to meet BREEAM excellent standard, unless it is not viable. In such cases, the very good standard is required. BREEAM is an internationally recognised method of assessing, rating and certifying the sustainability of buildings and covers a range of issues including energy.</p> <p>Current minimum environmental sustainability requirements for new buildings with regards to regulated Co2 emissions (energy used to provide space heating and cooling, hot water and fixed lighting) and water consumption are set by the Building Regulations which all new buildings are required to meet.</p>

<p>EV charging points</p>	<p>Projected numbers by 2030</p> <table border="1" data-bbox="450 284 703 496"> <thead> <tr> <th>Speed</th> <th>No.</th> </tr> </thead> <tbody> <tr> <td>7kw</td> <td>664</td> </tr> <tr> <td>22kw</td> <td>51</td> </tr> <tr> <td>50kw</td> <td>25</td> </tr> <tr> <td>150kw</td> <td>14</td> </tr> <tr> <td>+</td> <td></td> </tr> </tbody> </table> <p>(These are projected borough-wide requirements) Electrification Vehicle Charging Facilities Booklet (bracknell-forest.gov.uk)</p>	Speed	No.	7kw	664	22kw	51	50kw	25	150kw	14	+		<p>p.12</p>	<p>In terms of council provided facilities there are: 36 Community Car Park charging points – two of these are 7kw, and the remaining 34 are 22kw. 2 more should be added by end of Sep 23. 20 Town Centre Car Park charging points – all of these chargers are 7kw.</p> <p>In terms of use, all charge points are used daily, with usage increasing across all sites every month. Average charging durations vary; some locations favour overnight charging (8hrs+), whilst others favour 'dwell time' - e.g. local shopping centres and multi-storey car parks.</p> <p>By July 2023 all community car park sites combined saw the equivalent of almost 6,000kWh charging per month and in excess of 300 unique charging events.</p> <p>For the next years programme, the service will be setting targets for charging events and occupancy.</p> <p>See this document for further breakdown. https://bfcouncil.sharepoint.com/:w:/r/sites/cc/corp/CCCOCOUCC15/Full%20Council/2023%20Annual%20Report/BFC%20EV%20chargepoints%20usage%20summary%20July%202023.docx?d=wb4bcd6c0e7d44000a5a0cd5fc4cbd1cb&csf=1&web=1&e=BXAUFQ</p>
Speed	No.														
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<p>My Journey Bracknell</p>	<p>Visitors per month 50 per month Y1 (end 2023/24) 100 per month Y2 (2024/25)</p>	<p>p.12</p>	<p>2,500 My Journey Bracknell page views since the site went live (Qrt. 3) and for the last 3 months an average of 88 visitors per month. There is no quantifiable link between 'My Journey' website views and the resulting impact on CO2 reductions.</p>												
<p>EcoRewards participation</p>	<p>Deploying X QR codes across the borough.</p> <p>Demonstrate clear behavioural shift from baseline data at registration.</p>	<p>p.12</p>	<p>The project has already exceeded targets for organisations to reach, participation and behaviour change. The recent report to Bracknell Forest Council showed the growth in members, active and green journeys reported, demonstrated 51% behavioural switch away from driving, over 50 tonnes aggregated carbon saving compared to driving and over 200,000 green miles reported so far. This data can be split by organisation, group, area, route, mode, and time period. In particular, analysis shows the behaviour change in adults and school pupils with the most significant switches being</p>												

	<p>For BFC staff to make up 5% of users by December 2023.</p>		<p>to walking and cycling. The switch to public transport has been tempered by the COVID pandemic.</p> <p>The Council will set targets and KPI's for the number of groups by type and areas to reach, the level of participation and sustained behaviour changes. EcoRewards have conduct periodic surveys to supplement and inform the transaction data captured. EcoRewards will report back on progress at agreed intervals with analysis of data collected and progress against the KPI's and towards the targets.</p> <p>At registration, we collect current mode of exercise or transport, intended active mode, usual home to work distance, and email address for their account. When combined with transactional data and survey data, we can see whether members managed to switch to active travel and how it was sustained. They are motivated to join and continue to report their journeys by the incentives built into the scheme.</p> <p>https://www.thamesvalleyberkshire.co.uk/getfile/documents/Smart%20City%20project%20cards/Smart%20City%20Cluster-Project%20Card-Eco%20Rewards-V2-RG.pdf</p> <p>https://www.ecorewards.co.uk/bracknell/schools</p>
<p>Alternative compound use for road surfacing</p>	<p>To initiate a trial pilot project utilising alternative methods of compound use.</p>	<p>p.12</p>	<p>Carriageway and footway construction and maintenance are very high carbon users, utilising materials that need to be manufactured at high temperatures, and then kept at high temperatures whilst being driven long distances to site and rolled before being allowed to cool down. A new carriageway recycling method has been established whereby it is possible to plane off the old surface, and using a temporary surface recycling plant, grind up the material, adding a new binder before relaying the old material as a base course. This uses approximately 95% recycled materials as it continues to use the old bitumen and aggregates which locks the existing carbon into the new road, reducing the requirements for new materials being quarried out of the ground, manufactured and then driven for many miles at very high temperatures. The council is considering trialling the hiring in of a</p>

			temporary recycling plant, once per year (in the summer months) to assist with the surfacing programme. As the machine is temporary, it would be delivered to site, set up for use, then removed at the end of the works and taken away to its next contract.
CC e-learning	For 2023/24 = 100% of new starters.	p.14	<p>A climate change e-learning module was added to the mandatory induction process in March 2023. The module is also available to any members of staff interested in using it. So far, a total of 149 people across the council have completed the online learning by Aug 2023. 91 of these people are new starters, with the remaining 58 being existing employees. Participation by Directorate can be further broken down as follows:</p> <p>Chief Executive 8 People 98 Place, Planning and Regeneration 9 Resources 9 Service Delivery 18 Unspecified 7</p> <p>It is currently unclear whether Councillors are included within the above figures, but we are looking at improving the accuracy moving forwards. The Councillors induction programme will directly reference the e-learning module.</p>