

## APPENDIX 1: Climate Change Action Plan progress summary November 2021

As in earlier reports, actions outlined in the climate change action plan have been rated on a traffic light scale or “RAG” rating (as defined in the table below.)

Established	Action is fully embedded in the service areas responsible for delivery. Requires minimal additional climate change officer time or budget to maintain.
Green	Expected to be delivered as described
Amber	Expected to be delivered; however, this may be later than originally anticipated (though still within the period covered by the action plan)
Red	Severe obstacles or challenges exist which render the action impossible to deliver on time and on budget without significant intervention or modification
Removed	Rendered moot due to changes in policy or external factors

## Detailed status

### Homes & Buildings

Action	Deadline	Rating	Status
1. CBC to invest in improving the thermal / energy efficiency of its existing housing stock.	Mar-23	Green	<ul style="list-style-type: none"> <li>• A £13.7M programme of improvement of CBC housing stock is under way. This is aimed at providing energy savings and affordable warmth for council tenants which will directly support tackling fuel poverty.</li> <li>• The average for the CBC stock is currently SAP 72 (Band C). This is above the national average of 62 (social housing 67, owner occupied 61, and private rented 60.)</li> <li>• This is a long-term programme of work which is ongoing</li> </ul>
2. CBC to review the existing home improvement offer to widen support for vulnerable / low income.	Mar-21	Established	<ul style="list-style-type: none"> <li>• The council's strategy for private housing is encapsulated in the <a href="#">Housing Renewal Policy</a></li> <li>• We have been awarded approximately 1.5 Million to improve the energy rating of private rented sector and privately owned homes with energy ratings of D or below.</li> </ul>
3. CBC to refresh planning guidance in relation to the raising of environmental standards for house building locally.	Mar-21	Established	<ul style="list-style-type: none"> <li>• A new Local Plan was adopted 09/2020 (to be reviewed in 2025)</li> <li>• This includes provision for EV charging, a higher water efficiency standard, biodiversity net gain, and a requirement for sustainability statement (CLP20 design)</li> <li>• Our ability to introduce specific new standards has been limited by legislation and national guidance (Deregulation Act and associated ministerial statements and withdrawal of Code for Sustainable Homes). Higher energy efficiency and heating standards are to be addressed in Building Regulations through the Future Homes Standard.</li> <li>• Further work is taking place to develop a new SPD relating to biodiversity net gain</li> </ul>

<p>4. CBC to define its preferred environmental standard to deliver new social housing across the Borough.</p>	<p>Mar-21</p>	<p>Amber</p>	<ul style="list-style-type: none"> <li>• We are working towards ensuring that new build housing meets the 2025 future homes standard (although this has not yet been formally adopted).</li> <li>• So far, we have been aiming for a 20% improvement on the current part L standard in terms of thermal efficiency</li> <li>• We have been conducting trials of a number of alternative construction techniques: Heaton Court is a steel framed construction, coming to site as fully finished ground floor and 1st floor modules and craned into place. Manor Drive has Timber frame panel construction with individual walls being craned into place.</li> </ul>
<p>5. CBC to refresh its asset management strategy to focus on reducing the greenhouse gas emissions from its operational premises.</p>	<p>Mar-22</p>	<p>Green</p>	<ul style="list-style-type: none"> <li>• A new asset management strategy that covers the period up to 2023 is in late draft form and includes sustainability and climate change as one of the core priorities. It is anticipated that this document will be finalised and approved during 2021</li> </ul>

## Power & Electricity

Action	Deadline	Rating	Status
6. CBC to install LED lighting in all CBC premises.	Mar-23	Green	<ul style="list-style-type: none"> <li>Light fittings in all buildings for which CBC have direct operational responsibility are being replaced with LED units at end of life.</li> </ul>
7. CBC to support the establishment of a local organisation to identify preferred energy providers to residents	Mar-22	Established	<ul style="list-style-type: none"> <li>A local organisation (<a href="http://dontdoadodo.com">dontdoadodo.com</a>) launched in the summer and is working to enable group negotiation between local residents and energy suppliers, microgeneration installers, and home improvement companies.</li> </ul>
8. CBC to switch to renewable electricity provider.	Mar-21	Established	<ul style="list-style-type: none"> <li>CBC switched to a renewable energy supplier in April 2020 for all electricity purchases.</li> </ul>
9. CBC to work with DCC to accelerate where possible all street lighting to LED, and CBC to replace all its own external lighting to LED.	Mar-23	Green	<ul style="list-style-type: none"> <li>External lights on CBC buildings are being replaced with LED units at end of life.</li> <li>DCC report that they are in the process of switching all streetlights, illuminated signs, bus shelters, and traffic signals to LED operation. Around 96% of streetlights in the Chesterfield area have now been converted.</li> </ul>
10. CBC commits to explore the installation of SPV technology on all appropriate nondomestic CBC premises and investigate opportunities / sites for energy production from solar and wind.	Mar-22	Green	<ul style="list-style-type: none"> <li>This work is embedded within the new asset management strategy (action 5) and new action 42 (climate change project pipeline) and will be carried out on a site-by-site basis.</li> <li>While this action is currently rated as green, capacity limitations within the asset management team may result in some modification / slippage to this action in the future.</li> </ul>

## Transport

Action	Deadline	Rating	Status
11. New housing developments to be connected to the cycle / walking network. CBC to establish the minimum size of development that this would be applied to.	Mar-21	Established	<ul style="list-style-type: none"> <li>The new Local Plan prioritises walking and cycling in the overall spatial strategy and in a range of specific policies throughout the plan.</li> <li>No specific threshold has been set (provision has instead been linked to impact of development). A minimum threshold would risk missing small developments that could make significant incremental improvements.</li> <li>Preparation of Walking and Cycling SPD has been delayed due to capacity constraints while responding to the White Paper on Planning. The SPD has also been partially overtaken by <a href="#">new government guidance</a> but is expected by the end of financial year 2021/22.</li> </ul>
12. CBC to commission a strategic assessment of integrated Transport within the Borough to support our communities making the transition to sustainable modes of transport.	Mar-22	Green	<p>The Council has worked with DCC to develop a traffic model for Chesterfield and North Derbyshire that can be used to inform work undertaken both on an assessment of integrated travel and an Integrated Transport Plan.</p> <p>DCC (the relevant Highways Authority) are planning to produce a transport plan for Derbyshire, and it makes sense for Chesterfield's Integrated Transport Assessment and Plan to feed into and influence the work due to be undertaken for the County.</p> <p>Invitation to participate, and tender documents are at draft stage.</p>
13. CBC to work with taxi and bus operators regarding the move to electric vehicles within Chesterfield.	Mar-22	Established	Engagement is ongoing, but one large taxi operator has already expressed an interest in switching to either electric or hydrogen powered vehicles.

			CBC is working on a grant via the Onstreet Residential Chargepoint Scheme operated by the Office for Zero Emission Vehicles (OZEV). This has a maximum value of £169,100 for further on street charge points.
14. CBC to develop and implement a policy that commits to invest in appropriate electric fleet vehicles when the current vehicle lease expires.	Mar-23	Green	Work on a CBC fleet needs assessment has been completed and is being refined in readiness for contract renewal (in 2023).
15. CBC to engage with DCC and neighbouring districts to work on improving sustainable transport networks.	Mar-21	Established	<p>CBC is working with other partners county-wide to develop a bus service improvement plan</p> <p>As part of the developments associated with the new town deal in Staveley, we are working to re-open the Barrow Hill railway line to improve public transport to the area.</p>

## Industry & Business

Action	Deadline	Rating	Status
16. CBC to engage the Local Enterprise Partnership to ensure that climate change is assessed as part of decision making.	Ongoing	Established	We have regular contact with the LEP. Climate change projects are prominently embedded within their Energy, Vision 2030, Local Industrial, and Recovery strategies.  The £25.2 million Staveley Town Deal funding includes green / clean developments as a key pillar of the programme
17. Using local business organisations develop a scheme to support small and medium sized enterprises to access funds and expertise for reducing carbon emissions.	Mar-22	Green	Initial discussions have been had with Destination Chesterfield and we are working internally to ensure that sources of funding for business emission reduction are available.
18. CBC to work with Destination Chesterfield / other business organisations to encourage sharing of environmental best practice.	Mar-21	Established	Destination Chesterfield are working to establish a number of specialist sub-groups several of which include climate change measures
19. CBC to work with Destination Chesterfield / other business organisations to investigate options regarding environmental sustainability business awards.	Mar-22	Established	Sustainability is now a category within the Love Chesterfield Awards. The Climate Change Officer is on the judging panel for this award, and the first recipient of the award is due to be announced in November
20. Work with local business and seek to develop a sustainability mentoring programme.	Mar-22	Established	Groups of businesses are being established in partnership with Destination Chesterfield to support

## Land Use

Action	Deadline	Rating	Status
21. Undertake a full inventory of all CBC owned land to identify how to maximise carbon capture.	Mar-21	Established	<p>The only viable carbon storage and capture pathway for land within the borough is currently forest planting and retention.</p> <p>A tree canopy assessment has been undertaken which estimates a canopy cover of around 20% of the borough by area. This report includes an estimated total value of the trees within the borough for: carbon storage (£22,863,094) and an annual value covering carbon uptake, pollution abatement, and avoided flooding (£4,555,446 per year)</p>
22. CBC to develop a policy working with DCC of nature friendly road verges that are subject to re-wilding / reduced / no grass cutting.	Mar-22	Established	<p>We have reduced mowing frequencies on verges depending on site type:</p> <ul style="list-style-type: none"> <li>• highway verges: 9 cuts annually (was 12)</li> <li>• urban verges 8-9 cuts annually</li> <li>• rural verges 1 to 2 cuts annually (down from 3)</li> <li>• areas in our open spaces around groups of trees now receive no cuts where possible</li> <li>• “meadow mow” areas in open spaces: 1-2 cuts annually (down from 9)</li> </ul> <p>In comparison:</p> <ul style="list-style-type: none"> <li>• Derby City Council cut grass 10 times along grass verges, with parks and open spaces cut 12.</li> <li>• Barnsley Metropolitan Council cut verges every 21 days between March and October (10 cuts).</li> <li>• Doncaster Council aim to cut grass 12 times a year.</li> <li>• Rotherham Council cut housing land 12 times a year and highway verges up to 8 times a year.</li> </ul>

			<ul style="list-style-type: none"> <li>• North East Derbyshire County Council cut verges every 17 days between March and October (12 cuts).</li> <li>• Sheffield City Council highway verges are maintained by an external contractor and not judged on frequencies but specifications (height of grass)</li> </ul>
23. CBC commits to Implement a tree planting programme on its own land to deliver a minimum of 1,000 new additional trees per annum.	Mar-23	Green	<p>We planted around 3000 trees in the 2020-2021 planting season and expect to continue planting at similar rates over the next two planting seasons.</p> <p>We are currently working on a significant bid to the Woodland Trust's Emergency Tree Fund to further enhance trees and woodland across the borough.</p> <p>We are launching a Tree Warden scheme with local volunteers in November 2021.</p>
24. Use existing planning policy and where appropriate supplementary planning guidance to ensure developers introduce more open / wild spaces in new developments.	Mar-21	Established	<p>CBC is a key delivery partner for DWT rewilding funding which includes planting on CBC owned land as well as wider habitat management outcomes.</p> <p>Policy CLP16 of Local Plan requires a measurable increase in the biodiversity net gain metric on all planning permissions for development in advance of requirement in forthcoming Environment Act</p> <p>The planning team are working on an SPD describing how the requirement for Biodiversity Net Gain will be applied in planning decisions across the borough.</p>

## Waste

Action	Deadline	Rating	Status
25. Develop a sustainable trade waste policy and work with our contractor for an associated trade waste service that promotes circular economy waste policies.	Mar-21	Amber	<p>These actions have been held up due to the pressures of Covid-19, capacity issues within the waste team, and the upheaval associated with the domestic recycling collection contract during 2020 and early 2021.</p> <p>During 2021, the government introduced consultations on:</p> <ul style="list-style-type: none"> <li>• Extending producer responsibility for packaging</li> <li>• Introducing a deposit return scheme for recyclable materials</li> <li>• Improving consistency across local authority areas in terms of recycled materials</li> </ul> <p>Aside from the time required to respond to these consultations, the resulting changes in national policy are likely to have a profound impact on the volume of different waste streams within the borough. As such any long-term strategy written before these changes is likely to contain irrelevant material as soon as they come into force. Given this, and constraints in capacity, actions 25, and 26 have been delayed.</p> <p>Community organisations and schools have suffered significant disruption during the pandemic but work is ongoing to establish positive relationships to deliver actions 27 and 28.</p>
26. Develop a sustainable domestic waste policy and work with our contractor for an associated domestic waste service that promotes circular economy waste policies.	Mar-21	Amber	
27. Support and promote a community sharing and reuse scheme.	Mar-21	Amber	
28. Co-produce sustainable waste management guide and education material with local schools that promotes circular economy waste policies.	Mar-21	Amber	

## Engagement

Action	Deadline	Rating	Status
29. CBC to develop and implement a comprehensive engagement and communication plan.	Oct-20	Established	<p>We have developed a communications and engagement strategy in partnership with local stakeholders, to steer our climate change awareness work.</p> <p>A new 'Climate Action Now' brand (#CAN) – with clear calls to action and resources to be developed for use by partners – has been launched and is being used to bring consistency and identity when promoting our climate change action plan themes.</p> <p>The aim is to set out what action the council is taking, and positioning CBC as a community leader to encourage behaviour change across the borough.</p> <p>This is being practically applied across our external and internal communication channels – both digital and in print (where this is deemed necessary to do so to reach a wider / specific audience).</p> <p>Examples include:</p> <ul style="list-style-type: none"> <li>• Targeted action on our social media channels, including a focus on the two-year anniversary of climate emergency declaration and our actions so far</li> <li>• Participating in national campaigns such as Great Big Green Week and Recycle Week – to encourage local people to take action</li> </ul>

<p>30. CBC to develop a suite of marketing / promotional material to support the plan</p>	<p>Mar-23</p>	<p>Green</p>	<ul style="list-style-type: none"> <li>• Articles are regularly featured in our printed residents' magazine, which is delivered to every household in the borough. The most recent focussed on how households can save energy during winter.</li> <li>• The council's website carries advice and signposting and has recently been updated to include more accessible information and a simple guide to what individuals can do, with further updates planned. It also reflects the #CAN branding</li> <li>• We have amplified the climate change messages and activities of community groups including Plastic Free Chesterfield and Transition Chesterfield to promote their events on Chesterfield Market, for example.</li> <li>• We have produced an information leaflet which highlights the basic actions people can take to help reduce emissions – this has been shared at community events like Chesterfield Pride and is available in council venues</li> <li>• Climate change action plan – a #CAN branded version of action plan has been produced to make more engaging and easier for members of public to read</li> </ul> <p>We have also completed an extensive stakeholder mapping exercise to identify key partners organisations and community groups. Targeted communications with these key groups – providing information and advice about how they can make changes in their operations – is the next phase of the communications and engagement work.</p>
<p>31. CBC and partners to use reduce, reuse, recycle in all communications in relation to climate change</p>	<p>Ongoing</p>	<p>Established</p>	<p>This message is established and now embedded in relevant council communications.</p>

32. Encourage the use of local labour, services, goods and sustainable food to support a sustainable low carbon economy.

Ongoing

Established

CBC has a policy requiring Local Labour and Supply clauses on all planning permissions for new major development, this is continued in the newly adopted local plan (policy CLP6 Economic Growth).

This message is now embedded in our communications e.g. the shop-local campaign.

## Policy & General

Action	Deadline	Rating	Status
33. CBC to refresh its growth strategy to take account of the climate change agenda and sustainability.	Mar-21	Established	the Chesterfield economic recovery plan was approved by Cabinet in July 2020 which includes several areas regarding sustainable recovery and climate change impacts.
34. Introduce climate change impact assessments for all reports where key decisions are made.	Jul-20	Established	<p>Climate Change Impact Assessments are now mandatory for reports to council meetings and committees where decisions are being made. These use a new assessment tool that we have developed (details here <a href="https://www.chesterfield.gov.uk/climate-change-impact-assessment-tool">https://www.chesterfield.gov.uk/climate-change-impact-assessment-tool</a>)</p> <p>The tool produces an infographic to add to reports which enables decision makers to see at a glance the main climate costs and benefits of a decision and direct their questions accordingly.</p> <p>The tool has been released for use by other councils and several have already shown a strong interest in adopting the tool themselves (Kirklees, Derbyshire Dales, Derby City, Bassetlaw)</p>
35. CBC to commit to working as part of a county wide forum on climate change with all neighbouring Derbyshire Authorities.	Ongoing	Established	<p>A range of partnership meetings are taking place with other local authorities in the D2N2 region.</p> <p>CBC remains an active member of the LAEP, and is taking part in a series of high-level meetings on climate change as part of Vision Derbyshire</p> <p>While it is not yet finalised, a skill sharing arrangement at county level is being discussed.</p>

<p>36. Establish formal governance arrangements to enable the use of section 106 / Community Infrastructure Levy to fund sustainable initiatives and programmes.</p>	<p>Mar-21</p>	<p>Established</p>	<p>Community groups are welcome to bid into the 106 \ CIL funding pot to support work on climate change. A recent example is funding for Plastic Free Chesterfield to support their event during last summer.</p> <p>A review of the bidding and approval process is currently taking place, so we are not accepting new applications at present, but we hope to reopen the scheme soon.</p>
<p>37. CBC to introduce new sustainable procurement conditions for suppliers.</p>	<p>Mar-21</p>	<p>Established</p>	<p>Modifications to the procurement system are taking place, and these should allow us to better monitor the sustainability of our supply chains, (this ties in with the ongoing work on action 43: monitoring our own carbon emissions)</p> <p>Sustainability and environmental criteria are an established part of our tendering process.</p>
<p>38. CBC to call on Central Government to provide resource and powers to effectively tackle the climate change agenda.</p>	<p>Ongoing</p>	<p>Established</p>	<p>A letter from the council was sent when the climate change emergency was declared, and a reply from Government has been received.</p> <p>A new letter is in draft form, awaiting sign off by the Deputy leader.</p>
<p>39. CBC to engage additional dedicated officer time to work solely on the climate / sustainability agenda.</p>	<p>Oct-20</p>	<p>Established</p>	<p>Officer is in post</p>
<p>40. CBC to re-evaluate CCAP actions 1-39 and prioritise them by estimated magnitude of climate change mitigation /adaptation impact.</p>	<p>Dec-21</p>	<p>Green</p>	<p>Analysis is taking place, and report is in early draft form.</p>

41. CBC to implement a programme of training to provide elected members and officers with the knowledge and understanding necessary to meet CBC's climate goals.	Mar-23	Green	Carbon Literacy training has been delivered to seven elected members so far.  A wider training programme of carbon literacy for council officers will begin in January.
42. CBC to identify a portfolio of potential climate change mitigation and adaptation projects in outline / draft form to support external funding bids.	Ongoing	Green	Early-stage discussions are taking place about development of a number of climate change champions embedded within the
43. CBC to explore options for monitoring greenhouse gas emissions with a view to implementing a data recording and analysis structure from the beginning of the financial year 22/23.	Mar-22	Green	A number of quotes have been sought from consultants and contractors to deliver this. Early discussions are taking place with a possible route forward.
44. CBC to commission a "pathway to a climate neutral council" report	Mar-22	Green	Tender documents are in early-stage draft. The scope and nature of work will be informed by the results of action 43
45. CBC to commission a "pathway to a climate neutral borough" report	Mar-22	Green	