

Climate Impact Assessment, Appendix 3 - Investing in our Community Facilities

Will the decision/proposal impact...	Impact	If an impact or potential impacts are identified:			
		Describe impacts or potential impacts on emissions from the Council and its contractors.	Describe impact or potential impacts on emissions across the Borough as a whole.	Describe any measures to mitigate emission impacts	Outline any monitoring of emission impacts that will be carried out
Emissions from non-domestic buildings?	Decrease	Although the scope of works for each building is still to be confirmed, the inclusion of measures to reduce energy use, switch to low carbon heating sources and increase renewable energy generation should reduce greenhouse gases from the identified buildings.	N/A	N/A	The council monitors greenhouse gas emissions from its estate and publishes updates on its Net Zero by 2030 target annually.
Emissions from transport?	Increase	A minor increase is expected during the course of the works due to council officers and contractors travelling between sites.	N/A – although the provision of improved community facilities is likely to increase the use of these facilities, the majority of identified buildings are expected to be used by residents in the local neighbourhood, so increased use is not expected to significantly increase traffic.	Council officers to minimise travel by private vehicles or car share where appropriate. Consider measures to minimise transport including: inviting local contractors to bid for the works; opting for locally produced materials and asking contractors to consider car sharing and minimise deliveries.	Officer travel is included within the council's greenhouse gas emissions reporting and is included within the council's Net Zero by 2030 target.
Emissions from waste, or the	Increase	It is likely there will be an increase in waste from stripping out (where	N/A	Contractors to manage waste in accordance with the waste hierarchy.	Consider monitoring waste management as part of the contract.

quantity of waste itself?		required) and packaging of new materials.			
Emissions from housing and domestic buildings?	None	N/A	N/A	N/A	N/A
Emissions from construction and/or development?	Increase	An increase in emissions from construction is expected during the course of the works from the materials and equipment used; energy use, transport and waste.	N/A	<p>Considering the steps outlined above to reduce waste and transport emissions will help reduce emissions associated with the construction phase.</p> <p>It is likely to be less carbon-intensive to complete decarbonisation works at the same time as other required works.</p>	Measuring and reporting on the council's scope 3 emissions is an ongoing area of work and it is complicated to calculate these types of emissions accurately. Monitoring the embodied carbon impacts of retrofits on a project specific basis is an emerging field which is still the subject of research. Therefore, it is not considered feasible to monitor the embodied carbon of this project due to the relatively small scale project involved relative to the cost and effort of obtaining this information.
Carbon capture (e.g. through trees)?	None	N/A	N/A	N/A	N/A
<p>Identify any emissions impacts associated with this decision which have not been covered by the above fields:</p> <p>None.</p>					

Will the proposal affect Council services' resilience to climate change, or the capacity of people living in the Borough to adapt to climate change?

While the proposed scope of works is not yet confirmed, the provision of good quality community spaces should increase community resilience more generally, which by extension should increase community resilience to climate impacts. Installing measures to reduce energy use and increase renewable energy generation should also reduce utility costs, improving financial resilience.

Provide a summary of all impacts and mitigation/monitoring measures:

Subject to the full scope of works being confirmed, the overall greenhouse gas emissions impact of the proposed projects should be positive: the Community Facilities form part of the Council Portfolio of Buildings and therefore play a key role in reducing our carbon emissions to Net Zero. Work will be carried out to support the programme in identifying Energy Conservation (insulation, LED lighting, etc) to reduce energy usage and, in turn, reducing carbon.

In addition, funding streams will be identified, such as Public Sector Decarbonisation Scheme (PSDS), that will enhance the already approved funding. Where possible where more substantial measures, such as solar, can be provided, this will also be reviewed as part of the programme, and again funding.

Consultation and engagement will be undertaken with Community Groups, as part of the Council Behavioural Change programme, working with groups to enhance and support their knowledge of better energy management and carbon reduction. In addition, as part of this, any funding opportunities where the groups can apply directly will be advised and supported.

There will be a short-term emissions impact associated with the construction phase. These include emissions increases as a result of increased travel, waste, energy use and materials. While it is difficult to monitor some of these emissions, there are multiple mitigations that we can consider. These could include: reducing travel where possible; managing waste according to the waste hierarchy and inviting local contractors to bid for the work. It is noted that it is likely to be less carbon-intensive to complete decarbonisation works at the same time as other required works.

Supporting information:

Climate Impact Assessment Author

Katie Rockett
Climate Change Officer
Property and Facilities
Finance and Customer Services

Please outline any research, data or information used to complete this Climate Impact Assessment.	None.
If quantities of emissions are relevant to and have been used in this form please identify which conversion factors have been used to quantify impacts.	None.
Validation	Tracking Reference: CIA 478 Arthur King Principal Climate Change Officer