

Project / Proposal Name or Reference:

Date:

Your Name:

1. IMPACT ON CARBON EMISSIONS (MITIGATION OF CLIMATE CHANGE)		WHAT IS THE IMPACT CONSIDERED TO BE? <i>See guidance in the purple box, below, to help you assess the degree of the negative and positive impacts e.g. High, Medium or Low</i>	CLIMATE CHANGE RATING: <i>Use drop down list</i>	WILL THE PROJECT HELP CAMBRIDGE CITY COUNCIL MOVE CLOSER TO THE OBJECTIVE OF A NET ZERO CARBON BY 2037? <i>Use drop down list</i>	WILL THE PROJECT MOVE THE CITY CLOSER TO THE OBJECTIVE OF A NET ZERO CARBON CAMBRIDGE BY 2037? <i>Use drop down list</i>	PLEASE DETAIL HERE THE ACTION THAT WILL BE TAKEN TO AVOID, MITIGATE OR COMPENSATE FOR THE NEGATIVE IMPACTS AND MAXIMISE POSITIVE IMPACTS?	HAS A NET ZERO CARBON OPTION BEEN CONSIDERED? PLEASE PROVIDE DETAILS.
1	ENERGY USE	<p>Positive Impact: Energy use will be reduced or renewable energy will be used</p> <p>NI Impact: No excess energy use is involved</p> <p>Negative Impact: More energy (gas and/or electricity) will be consumed (by CCC or others)</p>	High Positive	Yes	Yes	<p>Consider:</p> <ul style="list-style-type: none"> Reducing demand for energy - Specifying energy efficiency measures (e.g. insulation, low energy lighting) Generating renewable energy (e.g. heat pumps) <p>The scheme will replace an existing gas fired boiler with an Air Source Heat Pump, and this, combined with the upgraded fabric and energy efficiency measures mentioned above, will enable a 20% carbon reduction to be achieved overall</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable
2	WASTE GENERATION	<p>Positive Impact: Less waste will be generated OR amount of waste that is reused/recycled will be increased</p> <p>NI Impact: No waste will be generated</p> <p>Negative Impact: More waste will be generated (by CCC or others)</p>	NI			<p>Consider:</p> <ul style="list-style-type: none"> Will resources be reduced or reused? Will you use recycled goods? Will recycling facilities be increased? <p>The building will provide the country's library service and a local community run cafe. The cafe will have reusable plates, cups and cutlery and will ensure it sources products with packaging that is recyclable</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable
3	USE OF TRANSPORT	<p>Positive Impact: The use of transport and/or of fossil fuel based transport will be reduced</p> <p>NI Impact: No change in transport will be necessary</p> <p>Negative Impact: A/C or others, will need to travel more. CO2 transport costs most affect further</p>	NI			<p>Will you purchase an electric vehicle?</p> <p>Will you specify the use of public transport?</p> <p>How will you reduce the need to travel or transport goods?</p> <p>The Community Hub is located in the heart of Cherry Hinton commercial centre to ensure it becomes part of combined visits to the library and the local arena, thereby reducing travel. The scheme will include cycle parking and has to make walking to encourage walking and cycling, and discourage arrival by car</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable
4	SUSTAINABLE FOOD	<p>Positive Impact: Food will be locally grown and/or meat-reduced</p> <p>NI Impact: No change in supply of food</p> <p>Negative Impact: Food will travel long distances and include meat</p>	Medium Positive	Yes	Yes	<p>Consider:</p> <ul style="list-style-type: none"> Use of locally grown/produced food Reducing use of imported food Reducing use of meat <p>The community cafe will ensure it sources local produce where this is viable and the community hub will also be assessed for how it can support education and food banking services in the Ward</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable

2. IMPACT ON RESILIENCE (ADAPTATION) TO THE EFFECTS OF CLIMATE CHANGE		WHAT IS THE IMPACT CONSIDERED TO BE? <i>See guidance in the purple box, below, to help you assess the degree of the negative and positive impacts e.g. High, Medium or Low</i>	CLIMATE CHANGE RATING: <i>Use drop down list</i>	WILL THE PROJECT HELP CAMBRIDGE AND/OR CCC TO BE MORE RESILIENT TO THE IMPACTS OF CLIMATE CHANGE?	WILL THE PROJECT HELP CAMBRIDGE AND/OR CCC TO BE MORE RESILIENT TO THE IMPACTS OF CLIMATE CHANGE?	PLEASE DETAIL HERE THE ACTION THAT WILL BE TAKEN TO AVOID, MITIGATE OR COMPENSATE FOR THE NEGATIVE IMPACTS AND MAXIMISE POSITIVE IMPACTS?	HAS A NET ZERO CARBON OPTION BEEN CONSIDERED? PLEASE PROVIDE DETAILS.
5	HEAT WAVES	<p>Positive Impact: Increased improved shade & natural ventilation</p> <p>NI Impact: No impact on existing levels of shade & ventilation</p> <p>Negative Impact: Lack of or reduced shade (e.g. from trees or buildings) & natural ventilation</p>	Medium Positive	Yes	Yes	<p>Consider: Building orientation and installing measures such as Brise Soleil to reduce heat gain and plant hydration methods.</p> <p>The community hub has been designed to have overhanging roofs to minimise heat gain</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable
6	WATER AVAILABILITY	<p>Positive Impact: Provision made for an enhancement of water efficiency measures to minimise the impact on water resource availability</p> <p>NI Impact: Levels of water use will not be changed</p> <p>Negative Impact: Water use will increase and/or no provision made for water management - Negative Impact</p>	Low Positive	Yes	Yes	<p>Consider: Managing water use efficiently, installing measures to use less water such as low water use taps, planting drought resistant plants and using rainwater for irrigation.</p> <p>The new cold kitchen and staff restrooms and toilet bins will be specified to be the most water efficient available. Water butts will be included for water reuse in the garden area and to reduce use of mains water.</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable
7	FLOODING	<p>Positive Impact: Sustainable drainage measures incorporated, positive steps to reduce & manage flood risk</p> <p>NI Impact: Levels of surface water run-off & flood risk</p> <p>Negative Impact: Levels of surface water run-off will increase, no management of flood risk</p>	Medium Positive	Yes	Yes	<p>Consider: The installation of measures to reduce the speed and increase the absorption of rainwater (e.g. green roofs, SuDS, permeable paving etc. and alternative arrangements business continuity)</p> <p>The new roof on the extension hub will be a green roof to allow direct surface water run off. Water butts will be installed and used to reduce the need for the new cistern</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable
8	HIGH WINDS / STORMS	<p>Positive Impact: Exposure to higher wind speeds is being actively managed & reduced</p> <p>NI Impact: No change to existing level of exposure to higher wind speeds</p> <p>Negative Impact: Exposure to higher wind speeds is increased or is not managed - Negative Impact</p>	NI			<p>Consider: The need to install stabilisation measures and ensure structures are resilient to high winds</p> <p>This is an existing building and there is no change to the exposure to high winds</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable
9	FOOD SECURITY	<p>Positive Impact: Opportunities & resources for local food production are increased/enhanced</p> <p>NI Impact: No change to opportunities & resources for local food production</p> <p>Negative Impact: Opportunities & resources for local food production are reduced</p>	Low Positive	Yes	Yes	<p>Consider: Food locally and provide facilities catering to reduce vulnerability to food shortages and reduce emissions from transport and farming of food</p> <p>The community hub will be assessed to identify how it can play a role in reducing food insecurity in Cherry Hinton alongside the existing community fridge scheme</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable
10	BIODIVERSITY	<p>Positive Impact: Biodiversity will be protected/enhanced</p> <p>NI Impact: Level of biodiversity will not change</p> <p>Negative Impact: Biodiversity will not decrease</p>	Medium Positive	Yes	Yes	<p>Consider: Provide net gain mitigation if required via tree enhancements in projects of all types and scales</p> <p>The community hub extension will include a green roof and a new outside site garden area that will be landscaped to encourage pollinating insects</p>	No, this is an extension to an existing 1960's concrete frame building and so net zero carbon is not achievable

Weighting up the negative and positive impacts of your project, what is the overall rating you are assigning to your project?

Not High Positive

This overall rating is what you need to include in your report/ budget proposal, together with your explanation to be included in the red box below

Guidance on Assessing the Degree of Negative and Positive Impacts:	
Note: Not all of the considerations/ criteria listed below will necessarily be relevant to your project	
Low Impact (L)	<ul style="list-style-type: none"> No publicity Relevant risks to the Council or community are Low or none No impact on service or corporate performance
Medium Impact (M)	<ul style="list-style-type: none"> Local publicity (good or bad) Relevant risks to the Council or community are Medium Affects delivery of corporate commitments Affects service performance (e.g. - energy use; amount of waste; distance travelled) by more than 10% Capital assets with a lifetime of more than 3 years
High Impact (H)	<ul style="list-style-type: none"> National publicity (good or bad) Relevant risks to the Council or community are Significant or High Affects delivery of regulatory commitments Affects corporate performance by more than 10% Capital assets with a lifetime of more than 6 years

In the box below please summarise the projects impacts (the reasons for the ratings given in column E and F above) to explain how the overall rating for the project proposal has been derived (Cell E37). Please also highlight any negative impacts your project may have and how you plan to avoid, mitigate or compensate for these (as you will have detailed in column I above).

Reduced energy use and carbon reduction is the main positive impact and overall rating is Net high positive. The will be additional toilet provision and inclusion of a community cafe and garden, which may increase overall use of water, but to mitigate this the most water efficient toilet systems and push taps will be included in the design to minimise wastage, and water butts will be included in the garden to reduce use of mains water as far as possible.

Yes

No