

Project / Proposal Name or Reference: Civic Quarter - Market Square

1/9//2025

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1. IMPACT ON CARBON EMISSIONS (MITIGATION OF CLIMATE CHANGE)									
HOW WILL THIS PROJECT/PROPOSAL AFFECT THE FOLLOWING KEY AREAS:		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 MOVE CAMBRIDGE CITY COUNCIL CLOSER TO THE OBJECTIVE OF BEING NET ZERO CARBON BY 2030? <i>Use drop down list</i>	WILL THE PROJECT MOVE THE CITY CLOSER TO THE OBJECTIVE OF A NET ZERO CARBON CAMBRIDGE BY 2030? <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	Positive Impact:	Energy use will be reduced or renewable energy will be used	Low Positive	Yes	Yes	Consider: ▫ Reducing demand for energy ▫ Specifying energy efficiency measures (e.g. insulation, low energy lighting) ▫ Generating renewable energy (e.g. heat pumps, solar photovoltaic panels)	The permanent market stalls have the opportunity for mounted photovoltaics (PVs) to provided renewable energy. These PVs will be placed on the side of the market stalls pitched roofs with the highest irradiance and their energy generation will be calculated at Stage 4.	Design has been undertaken in accordance with fabric upgrades and alignment with ENERPHIT and LETI standards.
		Nil Impact:	No extra energy use is involved						
		Negative Impact:	More energy (gas and/ or electricity) will be consumed (by CCC or others)						
2	WASTE GENERATION	Positive Impact:	Less waste will be generated OR amount of waste that is reused/ recycled will be increased	Medium Positive	Yes	Yes	Consider: ▫ Will resources be reduced or reused? ▫ Will you use recycled goods? ▫ Will recycling facilities be increased?	A hierarchical waste management strategy of "Prevent, Reduce, Reuse, and Recycle" will been employed during the design, construction and operation of the development. The management, disposal and recycling of waste generated during the construction phase will be managed by the Contractor who will put in place a Site Waste Management Plan. The contractor will be required to meet the following requirements: – The Contractor will be required to set waste targets (diversion and absolute generation) and to report their waste – At least 95% of non-hazardous waste should be diverted from landfill Operational waste storage will be refreshed with large underground bins improving overall management efficiency.	
		Nil Impact:	No waste will be generated						
		Negative Impact:	More waste will be generated (by CCC or others)						
3	USE OF TRANSPORT	Positive Impact:	The use of transport and/or of fossil fuel-based transport will be reduced	Low Positive	Yes	Yes	Consider: ▫ Will you purchase an electric vehicle? ▫ Will you specify the use of public transport? ▫ How will you reduce the need to travel or transport goods?	Existing level of cycle parking retained. Enacting of improved TRO control for the area proposed to improve pedestrian and cycle safety and use	
		Nil Impact:	No extra transport will be necessary						
		Negative Impact:	CCC or others will need to travel more OR transport goods more often/ further						
4	SUSTAINABLE FOOD	Positive Impact:	Food will be locally grown and/ or meat-free	Nil	Yes	Yes	Consider: ▫ Use of locally grown/ produced food ▫ Reducing use of imported food ▫ Reducing use of meat	For internal catering council guidance already advises sustainable supply. for commercial premises this aspects will rely on letting and any specific clauses placed on the lease.	
		Nil Impact:	No change in supply of food						
		Negative Impact:	Food will travel long distances and include meat						
2. IMPACT ON RESILIENCE (ADAPTATION) TO THE EFFECTS OF CLIMATE CHANGE									

HOW WILL THIS PROJECT/PROPOSAL AFFECT THE FOLLOWING KEY AREAS :		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 TO BE	WILL THE PROJECT HELP CAMBRIDGE TO BE MORE RESILIENT TO THE	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	HEATWAVES	Positive Impact:	Increased/ improved shade & natural ventilation	Medium Positive	Yes	Yes	Consider: Building orientation and installing measures such as Brise Soleil to reduce heat gain and plant hydration methods.	To extend the use of the market square throughout changing weather conditions, greater levels of planting, including trees, have been integrated into the landscape design. This planting will not only increase biodiversity but will also combat urban heat island effect and provide users with shade and tree coverage to shelter from extreme weather conditions throughout the year.	
		Nil Impact:	No impact on existing levels of shade & ventilation						
		Negative Impact:	Lack of or reduced shade (e.g. from trees or buildings) & natural ventilation						
6	WATER AVAILABILITY	Positive Impact:	Provision made for an enhancement of water efficiency measures to minimise the impact on water resource availability	Low Positive	Yes	Yes	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.	The aim of the refurbishment is to reduce this water usage as much as possible through implementing water efficient fittings and exploring opportunities for water recycling where possible. Current opportunities include: – Rainwater harvesting from permanent market stall roofs into water butts for use on the Market Square landscaping – Greywater reuse and recirculation of the fountain if refurbished	
		Nil Impact:	Levels of water use will not be changed						
		Negative Impact:	Water use will increase and/or no provision made for water management = Negative Impact						
7	FLOODING	Positive Impact:	Sustainable drainage measures incorporated, positive steps to reduce & manage flood risk	Nil	No	No	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)	The site is within Flood Zone 1. No Change expected. Reuse of existing listed setts does not permit permeable paving at large scale	
		Nil Impact:	Levels of surface water run-off & flood risk are not affected						
		Negative Impact:	Levels of surface water run-off will increase, no management of flood risk						
8	HIGH WINDS / STORMS	Positive Impact:	Exposure to higher wind speeds is being actively managed & reduced	Low Positive	Yes	No	Consider: the need to install stabilisation measures and ensure robust structures resilient to high winds	Market Square designs may provide positive impact around robustness of stall/canopy designs	
		Nil Impact:	No change to existing level of exposure to higher wind speeds						
		Negative Impact:	Exposure to higher wind speeds is increased or is not managed = Negative Impact						
9	FOOD SECURITY	Positive Impact:	Opportunities & resources for local food production are increased/ enhanced	Nil	No	No	Source food locally, and provide meat-free catering to reduce vulnerability to food shortages and reduce emissions from transport and farming of food	This will depend on the commercialisation aspect of the Guildhall and extended facilities at the Corn Exchange and Parsons Court and what concessions are within the buildings once refurbished.	
		Nil Impact:	No change to opportunities & resources for local food production						
		Negative Impact:	Opportunities & resources for local food production are reduced						
10	BIODIVERSITY	Positive Impact:	Biodiversity will be protected/ enhanced	Low Positive	Yes	Yes	Provide net gain mitigation if required and seek enhancement in projects of all types and scale	The project is seeking Net Gain in Biodiversity of 20% across the Civic Quarter. The current landscape plan aims to address this through an increase in planting and landscaped area throughout Peas Hill and the west side of the market square. Trees that support native wildlife will be planted throughout the civic quarter including across the front of the guildhall, the east side of the market square, at the junction between Guildhall street and Wheeler street, as well as integrated into the planting on Peas Hill and the west side of the market square.	
		Nil Impact:	Level of biodiversity will not change						
		Negative Impact:	Biodiversity will not decrease						

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

Low 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)	* No publicity
	* Relevant risks to the Council or community are Low or none
	* No impact on service or corporate performance
	* No capital assets; or capital assets with lifetime of less than 3 years
Medium Impact (M)	* 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)	* 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 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).

A key objective of the refurbishment of the Market Square is to increase accessibility and ease of use of the civic quarter, whilst preserving its historic significance and use into the future.

To extend the use of the market square throughout changing weather conditions, greater levels of planting, including trees, have been integrated into the landscape design. This planting will not only increase biodiversity but will also combat urban heat island effect and provide users with shade and tree coverage to shelter from extreme weather conditions throughout the year.

The project aspires to meet a BNG of 20% for each Cambridge Civic Quarter project. The market square provides the greatest opportunities to meet this aspiration but opportunities such as external planting in Parsons Court and green roofs or green walls in the Guildhall are also being explored.