Appendix 5
Project / Proposal Name or Reference:Net Zero Carbon pilot Schemes Your Name: Date: 02-Sep-21 Jaques van der Vyver

Proje	ect / Proposal Name	or Reference:	Net Zero Carbon pilot Schemes	Date:	02-Sep-21			Your Name:	Jaques van der Vyver
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PROJI AFFE	WILL THIS ECT/PROPOSAL CT THE FOLLOWING REAS:	See guidance in	IPACT CONSIDERED TO BE? the purple box, below, to help you ee of the negative and positive impacts m or Low	CLIMATE CHANGE RATING: Use drop down list	WILL THE PROJECT MOVE CAMBRIDGE CITY COUNCIL CLOSER TO THE OBJECTIVE OF A BEING NET ZERO CARBON BY 2030? Use drop down list	WILL THE PROJECT MOVE THE CITY CLOSER TO THE OBJECTIVE OF A NET ZERO CARBON CAMBRIDGE BY 2030? Use drop down list		MPENSATE FOR THE NEGATIVE	HAS A NET ZERO CARBOI OPTION BEEN CONSIDERED? PLEASE PROVIDE DETAILS.
		Positive Impact:	Energy use will be reduced or renewable energy will be used				Consider: This development is being undertaken as to   Reducing demand for energy deliver housing to net zero standard, as Net		This development scheme is a ne zero option
1	ENERGY USE	Nil Impact:	No extra energy use is involved	High Positive	No	Yes	Reducing demand for energy Specifying energy efficiency measures (e.g. insulation, low energy lighting) Generating renewable energy (e.g. heat pumps, solar photovoltaic panels)	Deliver nousing to net zero standard, as wet Zero is defined to be net zero of regulated energy and carbon.	zero opium
		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	Low Negative	No	Yes	Consider: *Will resources be reduced or resused? *Will you use recycled goods? *Will recycling facilities be increased?	Construction waste subject to heavily regulated restrictions, however demolition will generate waste which will not be fully recoverable for reuse. As these are garage sites identified for regeneration, there is minimal requirement for demolition.	This development scheme is a net zero option
		Nil Impact:	No waste will be generated						
		Negative Impact:	More waste will be generated (by CCC or others)					Control and oversight of materials use will be under strict oversight.  Ongoing waste generation would generally be a low negative as while it additional housing, the council rental targets tenants already living in or with ties to the city, and developments will be kitted out fully to promote waste recycling/reduction measures	
		Danish a large str	The use of transport and/or of fossil fuel-					New housing delivery and subsequent car	This development scheme is a net
3	USE OF TRANSPORT	Positive Impact:	based transport will be reduced  No extra transport will be necessary	Low Negative	No	Yes	Consider:  = Will you purchase an electric vehicle?  = Will you specifiy the use of public transport  = How will you reduce the need	parking allocations to be in line with the councils ambitions of 0.5 spaces or less per home.	zero option
		Negative Impact:	CCC or others will need to travel more OR transport goods more often/ further					Bike storage facilities are provided as standard on new build schemes. EV Vehicle Charging point are outlined to be strategically delivered together with new build	
4	SUSTAINABLE FOOD	Positive Impact:	Food will be locally grown and/ or meat- free	Nil	No	No	to travel or transport goods  Consider:  - Use of locally grown/ produced food	propoerties. Not Applicable	
		Nil Impact:	No change in supply of food				Reducing use of imported food		
		Negative Impact:	Food will travel long distances and include meat				Reducing use of meat		
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egative 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?:

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

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	* Local publicity (good or bad)				
(M)	* 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 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).

The delivery of this housing development scheme links directly to the cities objective of being Net Zero Carbon by 2030, providing new homes to net zero standard, as the definition of net zero is defined to be net zero of regulated energy and carbon.

The councils housing development programme as approved notes a step up in delivery toward net zero, and this pilot scheme is a priority toward experiential learning on the delivery to such standards.

ousing delivery by its nature will have a general impact on Traffic and Waste generation

Housing delivery by its nature will have a general impact on Traffic and Waste generation. however:

- Transport: reduced resident parking is provided in line with the councils objectives, and allowance is made for installation of bike stores for all residents

- Waste generation: While waste generastion through the construction process can be highly controlled, and is well regulated. New housing delivery will increase the housing capacity of the council and will increase general waste generation. Recycling facilities, seperation of rubbish and secure stores will be placed to limit such generation.