

SUSTAINABILITY EXEMPLARS

CE/32 – An exemplar in sustainability

Proposes to use the development to showcase sustainable construction methods and technological solutions to encourage their more widespread deployment in Cambridge East and elsewhere in the Cambridge sub-region. Policy text refers specifically to construction materials and water conservation.

Sustainability Appraisal Objectives [abridged in some cases]	Assessment			Comments / Proposed Mitigation
	Short	Med.	Long	
1.1 Minimise irreversible loss of undeveloped land and productive agricultural holdings	~	~	~	
1.2 Reduce the use of non-renewable resources including energy	(+)	+	++	Policy refers specifically to sustainable construction, increased use of recycled materials, etc., and also supports this with a requirement for a travel plan for such developments (addresses emissions and fuel consumption). If exemplar programme results in widespread deployment then marking would be need to be increased. The assessment of energy conservation policy CE/26 and the corresponding Core Strategy policy proposes an increase in the energy efficiency threshold and this could be addressed through these projects.
1.3 Limit water consumption to sustainable levels	(+)	+	++	Texts suggest 25% reduction in consumption required by policy CE/28 could be increased in the exemplar projects.
2.1 Avoid damage to designated sites and protected species	~	~	~	
2.2 Maintain / enhance range and viability of characteristic habitats and species	~	~	~	

2.3 Improve opportunities for people to access the countryside and wild places	~	~	~	
3.1 Avoid damage to designated historic sites and their settings	~	~	~	
3.2 Maintain diversity and distinctiveness of landscape and townscape	~	~	~	
3.3. Create places and spaces that look good and work well	~	~	~	Potential very long term cumulative benefit from a community based on more sustainable principles?
4.1 Reduce emission of greenhouse gases and other pollutants	(+)	+	+(+)	Beneficial in its objective of contributing to reduced emissions though impact will be negligible if restricted to exemplar projects.
4.2 Minimise waste production and support recycling	~	~	~	This issue – which requires a radical change in performance – could also be addressed through this programme, though this would require coordination with Cambridge County and City Councils.
4.3 Limit or reduce vulnerability to flooding and other climate change impacts	?	?	?	Some long-term incremental benefits from contribution to climate change and emissions reduction objectives.
5.1 Maintain and enhance human health	~	~	~	
5.2 Reduce and prevent crime and the fear of crime	~	~	~	
5.3 Improve the quantity and quality of publicly accessible open space	~	~	~	
6.1 Improve the quality, range and accessibility of services and facilities	~	~	~	
6.2 Redress inequalities in age, gender, race, location, faith, disability, etc.	~	~	~	
6.3 Ensure all groups have access to decent,	~	~	~	Effect assumed to be neutral provided the technology does not

appropriate and affordable housing				affect house prices. This assumes another agency, not the developer, would provide funding, though this is not clear from the policy text at present.
6.4 Encourage and enable active involvement of local people in the community	~	~	~	
7.1 Help people gain access to satisfying work appropriate to skills, potential and location	~	~	~	
7.2 Support appropriate investment in people, places, communications and infrastructure	?	?	?	Infrastructure increasingly appropriate given the UK sustainable development strategy?
7.3. Improve the efficiency, competitiveness, vitality and adaptability of the local economy	~	~	~	
<i>Summary of assessment:</i> Mirrors policy NS/25 for Northstowe in seeking to use a completely new development as a platform to demonstrate the feasibility of sustainable technologies while avoiding the costs and practical problems of retrofitting to established housing or business premises.				
<i>Summary of mitigation proposals:</i> None identified.				
<i>Secondary, cumulative or synergistic effects:</i> None identified.				