

Appendix 2: Climate Change Checklist for Conversion and Change of Use developments

Principle	Relevant Core Strategy Policies	Objective	Measures expected based on type and scale of conversion and change of use development	Has this been addressed in the planning application submission? (Yes/No/Not Applicable)	If Yes please signpost to relevant information within planning application submission (e.g. Design and Access Statement, Layout Plans, Planning Statement with paragraph/page/plan reference) If No or Not Applicable (N/A) please state justification for this.
Increasing accessibility - Reducing the need to travel by private car	CS.2 (Climate Change and Sustainable Construction) CS.9 (Design and Distinctiveness) CS.22 (Economic Development) AS.1-9 (Area Strategies) AS.10 (Countryside and Villages)	V.3.1 Density and Mixed Uses	Higher densities and mixed uses in sustainable locations and at key transport nodes		
			Design standards to allow for future building adaptation including technological adaptation		
			Horizontal and vertical mix of uses within blocks where appropriate		
			Other- please state:		
	AS.11 (Large Rural Brownfield Sites) CS.19 (Housing Mix and Type) CS.25 (Healthy Communities)	V.3.2 Permeability / Walkability	Active frontages/edges with opportunities for natural surveillance		
			Other- please state:		
	CS.26 (Transport and Communications)	V.3.3 Integrated Active Travel	Education/promotion campaigns to residents		
			Other- please state:		
		V.3.4 Cycling	Covered and well-located cycle storage facilities		
			Shower facilities provided in non-residential developments		
			Other- please state:		
		V.3.5 Planning for the car	Use of electric vehicle/cycle charging points		
			Other- please state:		
	Improving energy efficiency	CS.2 (Climate Change and Sustainable Construction) CS.3 (Sustainable Energy) CS.7 (Green Infrastructure) CS.9 (Design and Distinctiveness)	V.4.1 Reducing the need for energy	Window positioning to maximise solar gain	
Natural ventilation and easy to regulate ventilation (air tight when needed).					
Private outdoor space for food growing					
Other- please state:					

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	CS.19 (Housing Mix and Type) AS.1-9 (Area Strategies) AS.10 (Countryside and Villages) AS.11 (Large Rural Brownfield Sites) CS.25 (Healthy Communities)	V.4.2 Using energy more efficiently	Solar/low energy internal and external lighting (e.g. LED lightbulbs)				
			Using a higher level of insulation than required by Building Regulations				
			Other- please state:				
		V.4.3 Using renewable energy	Renewable energy sources		This measure will be strongly supported and is encouraged.		
			Other- please state:				
			V.4.4 Any fossil fuel use to be clean and efficient	Combined Heat & Power (CHP)			
				Other- please state:			
		Adapting to higher temperatures	CS.2 (Climate Change and Sustainable Construction) CS.6 (Natural Environment) CS.7 (Green Infrastructure) CS.9 (Design and Distinctiveness) AS.1-9 (Area Strategies) AS.10 (Countryside and Villages) AS.11 (Large Rural Brownfield Sites) CS.25 (Healthy Communities)	V.5.1 Shade and Ventilation – The Cooling Hierarchy	Adherence to the Cooling Hierarchy with either option 1 (passive design) or option 2 (passive/natural cooling) utilised within the proposal		
					Other- please state:		
V.5.2 Use of Cool Materials	Use of roof and paving materials that minimise heat gain in summer						
	Other- please state:						
V.5.3 Green Infrastructure	Trees and landscaping in parking areas and open space areas to provide shade						
	Relationship between vegetation and building to maximise natural ventilation						
	Green & blue infrastructure in private outdoor space – e.g. trees, hedges, water, green/brown/blue roofs, vertical climbers and landscaping						
	Other- please state:						

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Mitigating flood risk	CS.2 (Climate Change and Sustainable Construction)	V.6.1 Sustainable Urban Drainage Systems (SUDS)	SUDs such as raingardens, swales, natural water courses, communal soakaways, filter strips		
	CS.4 (Water Environment and Flood Risk)		Other- please state:		
	CS.6 (Natural Environment)	V.6.2 Water Efficiency and Rainwater harvesting	Co-ordinated greywater recycling and reuse systems in apartments and mixed uses		
	CS.7 (Green Infrastructure)		Private, and communal where appropriate, rainwater collection and reuse points / water butts		
	CS.9 (Design and Distinctiveness)		Other- please state:		
	AS.1-9 (Area Strategies)	V.6.3 Flood Risk Design Principles for New Development	Use of permeable surfaces for roads, car parking areas, hard surfacing and pavements		
	AS.10 (Countryside and Villages)		Natural vegetation e.g. green/brown roofs, communal basins and ponds, blue roofs, green spaces within blocks, green verges		
	AS.11 (Large Rural Brownfield Sites)		Using the highest level of climate change allowance for the time period covering the lifetime of the development		
	CS.25 (Healthy Communities)		Other- please state:		
	Mitigating biodiversity loss	CS.2 (Climate Change and Sustainable Construction)	V.7.1 Bio-enhancing existing green space	Using different varieties of native species for landscaping	
CS.6 (Natural Environment)		Other- please state:			
CS.7 (Green Infrastructure)		V.7.2 Background wildlife capacity	Green/brown roofs and wall climbers		
CS.9 (Design and Distinctiveness)			At least one of the following: bird/bat boxes/ amphibian kerbs/ hibernacula/ hedgehog holes/ hedgehog homes/garden ponds.		
AS.1-9 (Area Strategies)			Other- please state:		
AS.10 (Countryside and Villages)		V.7.3 Local wildlife nodes and blue / green corridors	Green/brown/blue roofs or walls		
AS.11 (Large Rural Brownfield Sites)			Private outdoor space		
CS.25 (Healthy Communities)			Other- please state:		