

# Applicants' Climate Neutral Development Checklist

This checklist is to be read in conjunction with the Council's Climate Change Supplementary Planning Document, which gives detailed guidance on the implementation of policies CS22 'Sustainable construction', and CS23 'Renewable and low carbon energy generation' of the Core Strategy.

## Application Site Address

Enter Address

<b>1. Location &amp; Transport</b> <b>Policies achieve climate neutrality by:</b> lowering greenhouse gas emissions by reducing the need to travel and distance travelled; increasing the proportion of travel by sustainable modes such as walking, cycling, public transport and lower carbon vehicles; and reducing climate change vulnerability by locating development away from areas liable to flooding.	Yes	No	N/a
Have you considered including measures to reduce dependence on private car-borne transport and influence a shift to more sustainable modes of travel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the proposal provide appropriate levels and standards of parking (including cycle parking)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will the development incorporate facilities for charging plug-in and other ultra-low emission vehicles as appropriate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you submitted a Travel Statement (for smaller-scale developments) or Travel Plan (for proposals that generate significant traffic) with your proposal?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the location of the proposed development minimise distances to the main employment centres, shops, recreation and community facilities and schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you ensured the development is located away from an area liable to flooding, and is not dependent on transport links (roads, footpaths etc.) liable to flooding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>2. Layout &amp; Design</b> <b>Policies achieve climate neutrality by:</b> lowering greenhouse gas emissions by reducing energy demands for heating and cooling; and building in resilience to the impacts of climate change such as flooding and heat through good layout and design.	Yes	No	N/a
Does the proposed site layout maximise the potential for passive solar gain?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered how buildings could be designed to maximise the capture and use of passive solar energy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered designing in measures to prevent excess solar gain in summer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you designed the layout to use landform and landscape to benefit from shelter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered the potential for passive cooling and ventilation in summer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered how existing and proposed trees and shrubs could be used to provide shade for car parks and other private and public open space?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>3. Energy and carbon reduction</b> <b>Policies achieve climate neutrality by:</b> reducing greenhouse gases by promoting developments that reduce the need for energy, use energy efficiently, supply energy efficiently and use renewable or low or zero carbon technologies.	Yes	No	N/a
Have you considered designing in measures to maximise energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you explored ways to secure a proportion of energy demand through the installation of renewable and/or low and zero carbon technologies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you checked whether your proposed development falls within a 'Potential District Heat Area', or a zone requiring buildings to be 'CHP Ready'?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>4. Water &amp; Drainage</b> <b>Policies achieve climate neutrality by:</b> incorporating adaptation measures to ensure development is resilient to increased risk of flooding or droughts; and reducing water demand and increasing more efficient use of water as periods of drought increase.	Yes	No	N/a
Have you considered designing in water efficient fittings and appliances?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered incorporating rainwater recycling and harvesting systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered incorporating recycling and harvesting facilities for grey water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered designing in measures to minimise surface water run-off e.g. minimising paved areas and impermeable surfaces?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered incorporating sustainable urban drainage (SUDS) into your development proposal? <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered how any SUDS techniques used will achieve wider ecosystem functions? E.g. contribution to amenity, recreation, wildlife etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you defined maintenance responsibilities for any proposed SUDS?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>5. Waste &amp; Materials</b> <b>Policies achieve climate neutrality by:</b> facilitating the reduction, recycling and reuse of waste and providing opportunities to improve materials resource efficiency to reduce greenhouse gases.	Yes	No	N/a
Have you considered how the design of the development can facilitate the reduction of waste and the recycling and composting of waste generated by occupants?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you adopted procedures which will minimise construction waste e.g. re-use and recycle waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered using locally and/or responsibly sourced building materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the proposal encourage the use of re-used, recycled, recyclable and durable products e.g. salvage material or re-using/recycling demolition materials for hardcore and aggregate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>6. Green Infrastructure &amp; Ecology</b> <b>Policies achieve climate neutrality by:</b> adapting the built environment to climate change impacts such as flooding, high temperatures and the urban heat island effect, whilst delivering a wide range of additional social, economic and environmental benefits such as biodiversity enhancements.	Yes	No	N/a
Does the proposal include the provision of green and blue spaces? E.g. parks, green corridors, water bodies and sustainable drainage systems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered how green and blue spaces within the development will be connected to the wider green infrastructure assets of the Borough?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If the development involves the loss of any open space, is alternative and equivalent or better provision made elsewhere, or is the development directly related to the enhancement of the open space?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will the proposal avoid any loss of trees, hedgerows and other vegetation of amenity and/or environmental significance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you considered adopting measures to conserve, enhance and/or restore biodiversity in and around the development?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will you be protecting existing ecological features from damage during site preparation and completion of construction works where practicable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If the proposed development is likely to cause adverse impacts to designated landscape sites, have adequate mitigation measures been proposed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the proposal provide for on-going management of green and blue spaces, including biodiversity habitats?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup> From 6 April 2015 all 'major' planning applications must consider sustainable drainage systems – see the Council's [Advice Note](#).