

## Low Carbon Sustainability Checklist for Planning Applications

Issue Overview and Aim	Validation Requirement	Exemption	Information Submitted with Applications √
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<p><u>Energy and Climate Change</u> Demonstrate that the application meets the CO<sup>2</sup> emissions reduction targets currently in place and that the required proportion of that reduction is met by low and zero carbon generation technologies.</p> <p>Improve the energy efficiency of both domestic and non-domestic buildings to minimise total whole-life energy consumption.</p> <p>Support the use of renewable energy rather than fossil fuel sources during concept/design as well as in-service phases with the ultimate aim of decarbonising the energy and heat supply. Improve resilience to climate change, including higher temperatures; changing patterns of precipitation; more frequent extreme weather events; rising sea levels. Impacts on flooding and water supply are addressed.</p>	<p>For Local Developments - Provide information of the energy efficiency measures taken and energy generating technologies associated with this application</p> <p>For Major Developments - An energy statement on intention is required. See <a href="#">Low Carbon Fife Supplementary Guidance</a> page 59 for more information</p>	<p>Householder Application Proposals which are not heated or cooled (other than heating or frost protection).</p> <p>Conversion of buildings</p> <p>Small extensions in line with <a href="#">Building standards 6.1 exemptions</a></p> <p>Temporary buildings with an intended life of less than 2 years</p>	<p>☒</p> <p>Details: <b>LOW ENERGY USE BUILDING, TIMBER FRAMED AND HIGHLY INSULATED TO MINIMIZE HEAT LOSS, LOW ENERGY LIGHT FITTINGS UTILISED.</b></p>
<p><u>Materials</u> Materials sourced from local or sustainable sources</p>	<p>A statement should be included setting out that the development will endeavour to provide the materials from local or</p>	<p>Householder Applications</p>	<p>☒</p> <p>Details:</p>

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	<p>sustainable sources. Additional detail should be included if available. See <a href="#">Making Fife's Places Supplementary Guidance</a> page 37 for more information.</p>		<p>LOCAL MATERIALS AND SUPPLIERS USED</p>
<p><u>Sustainable Urban Drainage System (SUDS)</u> As our climate changes and more rainfall is predicted in many parts of the world, it is important that we control the impact of rainwater to prevent flooding or pollution of watercourses. Sustainable Urban Drainage measures need to be put in place to ensure that there will be no increase in the rate of surface water run-off in peak conditions or detrimental impact on the ecological quality of the water environment.</p>	<p>We require Compliance and Independent Check Certificate's to be submitted as per Fife Council's Sustainable Drainage Systems (SUDS) - Design Criteria Guidance Note</p> <p>See <a href="#">Making Fife's Places Supplementary Guidance</a> page 14 for more information.</p>	<p>Householder Applications</p> <p>Applications for erection of only one dwellinghouse</p>	<p style="text-align: center;"><input checked="" type="checkbox"/></p> <p>Details: MINIMAL ADDITIONAL RUN OFF CREATED, TAKEN TO EX. DRAINAGE SYSTEM.</p>

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<p><u>Waste</u></p> <p>Support applications that reduce the creation of waste. Facilities are provided for the separate collection of dry and recyclable waste and food waste. Drive the development of a plastic recycling facility</p>	<p>Planning Permission in Principle (PPP) Applications – A statement setting out that measures for the storage of dry recyclable waste and food waste will be provided as part of the development.</p> <p>Full Planning Permission Applications – Full details on how dry and recyclable waste and food waste will be stored.</p>	Householder Applications	<p style="text-align: center;"><input checked="" type="checkbox"/></p> <p>Details: EXISTING TOLL CENTRE FACILITIES TO BE USED</p>
<p><u>Travel and Transport</u></p> <p>Developments make a positive contribution towards the improvement of sustainable transport network. Promoting sustainable transport modes in the following order of priority: walking, cycling, public transport, cars. Reducing car dependency. Minimising the amount of travelling required, thus reducing greenhouse gas emissions, especially for air and road travel</p>	<p>PPP Applications – A statement should be included setting out the intended measures to encourage and facilitate the use of sustainable transport focusing on the order of priority.</p> <p>Full Planning Permission Applications – Full details on how the development encourages and facilitates the use of sustainable transport focusing on the order of priority. (Demonstrated through a Transport Assessment or Green Travel Plan).</p>	Householder Applications	<p style="text-align: center;"><input checked="" type="checkbox"/></p> <p>Details: LOCAL DEVELOPMENT AND PROPOSAL WILL SUPPORT ACTIVE USE OF THE TOLL CENTRE AND PLAYGROUP. WALKING AND CYCLING ACTIVELY PROMOTED.</p>
<p><u>Air Quality</u></p>	An Air Quality Impact Assessment is required	Householder Applications	<p style="text-align: center;"><input type="checkbox"/></p> <p>Details: NA</p>

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<p>Address impacts on air quality by reducing congestion and address the poor air quality that already exists.</p>	<p>where any of the following apply:</p> <ul style="list-style-type: none"> <li>• For all applications subject to an Environmental Impact Assessment (listed in Environmental Impact Assessment (Scotland) Regulations 2017) or</li> <li>• 10 or more residential units or a site area of more than 0.5ha</li> <li>• More than 1,000m<sup>2</sup> of floor space for all other uses or a site area greater than 1ha</li> </ul> <p>Coupled with any of the following:</p> <ul style="list-style-type: none"> <li>• The development has more than 10 parking spaces</li> <li>• The development will have a centralised energy facility or other centralised combustion process</li> </ul> <p>See <a href="#">Low Carbon Fife Supplementary Guidance Appendix D</a> for more information</p>	<p>Less than 10 residential units or a site area of less than 0.5ha Less than 1,000m<sup>2</sup> of floor space for all other uses or a site area smaller than 1ha</p>	
<p><u>District Heating</u></p> <p>All applications which create a heat demand or waste heat will be assessed to establish if district heating is likely to be a viable option. All applications for proposals which fit this description need to be tested against the district heating process map set out in section 3.2.2 of the <a href="#">Low Carbon Fife Supplementary Guidance</a> (see page 64) - to establish if a</p>	<p>Depending on answers to the questions below will determine whether a further investigation is required</p> <p><i>Is the proposal within 1km of an existing or proposed heat network? (See <a href="#">Low Carbon Fife SG Appendix E</a> for more information) If yes – has an indicative heat demand been provided for the development?</i></p> <p><i>Is further investigation into heat networks required? If yes - has a further investigation into heat networks been provided?</i></p>	<p>Householder Applications</p> <p>Applications out-with 1km of existing or proposed heat network and is not one of the following developments:</p> <ul style="list-style-type: none"> <li>• A public sector development;</li> <li>• A further education campus;</li> <li>• A proposal for over 10,000m<sup>2</sup> non-domestic development with an anchor customer (anchor customers include swimming pools, hospitals, aqua-culture and industrial units or indeed any other</li> </ul>	<p style="text-align: right;"> <input type="checkbox"/>            Details: NA         </p>

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<p>further investigation into heat networks is required. To reduce the cost of heat supply and the carbon intensity of heat generation.</p>	<p><i>Is the proposal for one of the following types of development?</i></p> <ul style="list-style-type: none"> <li>• <i>A public sector development;</i></li> <li>• <i>A further education campus;</i></li> <li>• <i>A proposal for over 10,000m<sup>2</sup> non-domestic development with an anchor customer (anchor customers include swimming pools, hospitals, aqua-culture and industrial units or building with a significant and heat demand)</i></li> <li>• <i>A mixed use development – with at least 50 residential units and at least 10,000m<sup>2</sup> of buildings with the following uses, education, community and leisure, retail, healthcare, manufacturing/industrial</i></li> </ul> <p><i>If yes – has information on the linear heat density of the development been provided?</i> <i>(see <a href="#">Low Carbon Fife SG</a> section 3.2.2 for more information)</i> <i>Is the linear heat density 4 or over? (see <a href="#">Low Carbon Fife SG</a> section 3.2.3 for more information)</i> <i>If yes – has further investigation into heat networks been provided?</i></p>	<p>building with a significant and stable heat demand)</p> <ul style="list-style-type: none"> <li>• <i>A mixed use development – with at least 50 residential units and at least 10,000m<sup>2</sup> of buildings with the following uses, education, community and leisure, retail, healthcare, manufacturing/industrial</i></li> </ul> <p>And does not have a total aggregate thermal input exceeding 20Megawatts</p>	