

Sustainability Assessment Form - Medium Scale Developments

New Build Residential 4 – 9 Units

Residential Conversions 4 – 9 Units

Non-Residential Development between 501-999m² floor area

Why a Sustainability Assessment?

By including more sustainable measures in the design and construction of buildings, we can help improve the quality of life and the environment in Enfield. This assessment will help you design a better development – having long-term benefits for you and your environment and achieving a better quality building. In addition to complying with the Council policy, this process will also help to improve the environment on the development site, and in the wider area. It is also intended that implementation of these measures will result in a development that is cheaper to run by the end user and more attractive to future purchasers.

Filling in the Form

You are required to demonstrate that you have considered sustainability issues in your proposed design. Please provide us with enough information to assess your proposal, referencing your plans if necessary. **You only need to complete sections relevant to your application.**

For guidance, please refer to the following documents:

- 'Greening Your Home: A Householder's Guide to Sustainable Design and Construction'
- 'Planning Advice for Sustainability Assessments for Householder and Small Scale Developments'
- Leaflet – 'Planning Advice on Sustainability Assessments for Medium and Large Scale Developments'

These documents are available from the following sources:

- Website** www.enfield.gov.uk
- In Person** from the Environment Direct Reception at the Civic Centre, Silver Street
- By Telephone** Planning Services on 020 8379 3821 or 020 8379 3827

How will this affect your Planning Application?

Sites and buildings vary widely in their characteristics and surroundings. It would be impractical, and undesirable, for the Council to prescribe how sustainability issues are dealt with in individual developments. The Council's aim is rather to ensure that a satisfactory degree of sustainable design and construction has been achieved overall, appropriate to the circumstances of the development.

Applicants need to demonstrate that they will implement at least 50% of the measures that are relevant to their application. Where applicants fail to show that sustainability has been sufficiently taken into account in the design and construction of their proposals, then the Council may decide to refuse planning permission for their proposal.

External Accreditation

BREEAM (BRE Environmental Assessment Method) is a widely used means of reviewing and improving the environmental performance of buildings. BREEAM has been increasingly accepted in the UK construction and property sectors as offering best practice in environmental design and management. The BREEAM scheme is used to assess non-residential developments, but versions are available for homes (EcoHomes), as well as schools and retail developments.

Assessment is carried out in three stages, with a post construction review to ensure that all measures have been implemented as per the information provided throughout the assessment process. It is recommended that advice be sought as early in the design process as possible on meeting the BREEAM standards.

Should you decide to obtain accreditation through the BRE's assessment methods, and you achieve a 'very good' or 'excellent' grade, **you are not expected to complete this sustainability assessment form.** If you are in the process of obtaining accreditation through the BRE's assessment methods, please provide the details of your assessment below and attach relevant supporting documentation to this form.

Please remember to return this form with your application!

Project Address:

Postcode:

Applicant/Agent:

Contact Telephone No:

OFFICE USE ONLY

Planning Reference:

YOU ARE ADVISED TO KEEP A COPY OF THIS COMPLETED FORM FOR YOUR RECORDS

Section 1A: Energy – Smart Design

Office Use Only

1	Has the development been laid out with good orientation for optimal solar benefit (either loss or gain, depending on use of building)? <i>Consider layout of habitable rooms/workspace and window design and positioning</i>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. <input style="width: 100%; height: 100%;" type="text"/>	Pts Applicable <input style="width: 100%; height: 100%;" type="text"/>	Pts Scored <input style="width: 100%; height: 100%;" type="text"/>
2	Will measures (such as eaves and screens) for shading and cooling be provided for south, west, and south-west facing areas? <i>4 pts</i>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Eaves <input type="radio"/> Screens <input type="radio"/> Other <input type="radio"/> <input style="width: 100%; height: 100%;" type="text"/>	Pts Applicable <input style="width: 100%; height: 100%;" type="text"/>	Pts Scored <input style="width: 100%; height: 100%;" type="text"/>
3	Does the design allow for the use of natural light throughout the building? <i>4 pts</i>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. <input style="width: 100%; height: 100%;" type="text"/>	Pts Applicable <input style="width: 100%; height: 100%;" type="text"/>	Pts Scored <input style="width: 100%; height: 100%;" type="text"/>
4	Will efficient natural ventilation be provided through trickle ventilation, air bricks, passive stacks or an alternative method? <i>4 pts</i>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Trickle vents <input type="radio"/> Other <input type="radio"/> Air bricks <input type="radio"/> Please specify below Passive Stack <input type="radio"/> <input style="width: 100%; height: 100%;" type="text"/>	Pts Applicable <input style="width: 100%; height: 100%;" type="text"/>	Pts Scored <input style="width: 100%; height: 100%;" type="text"/>
Section 1A Totals				<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>

Section 1B: Energy – Energy Efficiency

Office Use Only

1	If a new heating system is to be installed, will it be one that conserves energy? <i>4 pts for each measure</i> <i>MAX 4 pts</i>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Installation of energy efficient boiler with over 80% efficiency rating <input type="radio"/> Heat exchange system <input type="radio"/> Efficient CHP (combined heat and power) <input type="radio"/>	Pts Applicable <input style="width: 100%; height: 100%;" type="text"/>	Pts Scored <input style="width: 100%; height: 100%;" type="text"/>
----------	--	---	--	---	---

2	Will measures to save energy be included? 1 pt for each measure MAX 3 pts	Yes <input type="radio"/>	Insulation of primary hot water pipes and hot water tanks <input type="radio"/>	Pts Applicable	Pts Scored														
		No <input type="radio"/>	Energy efficient lighting (internal and external) <input type="radio"/>																
		N/A <input type="radio"/>	Temperature controls <input type="radio"/>																
3	Will on-site renewable energy be included? 4 pts	Yes <input type="radio"/>	Solar water heating <input type="radio"/>	Pts Applicable	Pts Scored														
		No <input type="radio"/>	Photovoltaic cells <input type="radio"/>																
		N/A <input type="radio"/>	Other (please specify) <input type="radio"/> <input style="width: 100px; height: 20px;" type="text"/>																
4	Will insulation be provided over and above building regulation requirements? 4 pts	Yes <input type="radio"/>	<table border="1" style="width: 100%; text-align: center;"> <tr> <td></td> <td>Roof</td> <td>Wall</td> <td>Under-floor</td> </tr> <tr> <td>U-Value</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Material</td> <td></td> <td></td> <td></td> </tr> </table>				Roof	Wall	Under-floor	U-Value				Material				Pts Applicable	Pts Scored
			Roof	Wall	Under-floor														
		U-Value																	
Material																			
No <input type="radio"/>																			
N/A <input type="radio"/>																			
5	Will high performance glazing above minimum building regulations be included? MAX 5 pts	Yes <input type="radio"/>	Please indicate which:			Pts Applicable	Pts Scored												
		No <input type="radio"/>	Timber/uPVC Framed Window (U-value under 2.0) <input type="checkbox"/> 12 mm gap Argon filled Low-E (3pts) <input type="checkbox"/> 16 mm gap Argon filled Low-E (4pts) <input type="checkbox"/> Triple glazed windows (5pts)																
		N/A <input type="radio"/>	Metal Framed Window (U-value under 2.2) <input type="checkbox"/> 12mm gap Low-E triple glazed (3pts) <input type="checkbox"/> 16mm gap Low-E triple glazed (4pts) <input type="checkbox"/> Argon filled Low-E triple glazed (5pts)																
6	Will an air conditioning system be installed? (commercial developments only) 4 pts (if system not installed)	Yes <input type="radio"/>	Please provide details below.			Pts Applicable	Pts Scored												
		No <input type="radio"/>																	
		N/A <input type="radio"/>																	
Section 1B Totals																			

Section 2: Water Conservation

Office Use Only

1	Will a rain water harvesting/collection system be installed? <i>For residential, this may be a water butt.</i> 2 pts	Yes <input type="radio"/>	Please provide details below.			Pts Applicable	Pts Scored
		No <input type="radio"/>					
		N/A <input type="radio"/>					
2	Will water usage be reduced within the development? MAX 6 pts	Yes <input type="radio"/>	Taps and showers will have water saving devices (e.g. spray nozzles) (2pts) <input type="radio"/>			Pts Applicable	Pts Scored
		No <input type="radio"/>	NO POWER SHOWERS will be installed (2pts) <input type="radio"/>				
		N/A <input type="radio"/>	Low flush toilets will be installed (non-commercial) (4pts) OR <input type="radio"/> Low flush toilets and waterless urinals will be installed (commercial) (4pts) <input type="radio"/>				

3	Will hard surfaces be made from permeable materials (e.g. porous paving or porous tarmac) that allows water to drain freely? 4 pts	Yes <input type="radio"/>	Please provide details below. _____ _____
		No <input type="radio"/>	
		N/A <input type="radio"/>	

Pts Applicable	Pts Scored

Section 2 Totals

--	--

Section 3: Access, Safety and Security

Office Use Only

1	Will there be good access for cyclists and pedestrians by links to cyclepath and footpath networks? (site redevelopment only) 2 pts	Yes <input type="radio"/>	Please provide details below. _____ _____
		No <input type="radio"/>	
		N/A <input type="radio"/>	

Pts Applicable	Pts Scored

2	Will Life Time Homes standards be adopted? (new residential developments only) 4 pts	Yes <input type="radio"/>	Please provide details below. _____ _____
		No <input type="radio"/>	
		N/A <input type="radio"/>	

Pts Applicable	Pts Scored

3	Will the development implement Secured by Design Standards? Please specify if you have contacted the local Police Architectural Liaison Officer. 4 pts	Yes <input type="radio"/>	Please provide details below. _____ _____
		No <input type="radio"/>	
		N/A <input type="radio"/>	

Pts Applicable	Pts Scored

4	Will safe and secure facilities for the storage of cycles be provided within the development? 3 pts	Yes <input type="radio"/>	Please provide details below. _____ _____
		No <input type="radio"/>	
		N/A <input type="radio"/>	

Pts Applicable	Pts Scored

5	Will site facilities, amenities and the site boundary be safe and secure, with good visibility, lighting and surveillance (if appropriate) in external/public areas? 2 pts	Yes <input type="radio"/>	Please provide details below. _____ _____
		No <input type="radio"/>	
		N/A <input type="radio"/>	

Pts Applicable	Pts Scored

6	Will the use of planting and landscaping take account of personal safety and improve visibility of public areas? 2 pts	Yes <input type="radio"/>	Please provide details below. _____ _____
		No <input type="radio"/>	
		N/A <input type="radio"/>	

Pts Applicable	Pts Scored

Section Totals

--	--

Section 4: Biodiversity

Office Use Only

1	Will a baseline survey of species and habitats be carried out prior to development? (Including waterways) (<i>site redevelopment only</i>)	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Survey details should note any protected or threatened species or habitats. Following the survey: <input type="checkbox"/> 100% of significant habitats will be conserved or appropriate remedial measures will be taken. (2pts) <input type="checkbox"/> Habitats will be increased in ecological value, including waterways habitat (4 pts) <input type="checkbox"/> Details should be attached
MAX 6 pts			

Pts Applicable	Pts Scored

2	Will measures such as downlighting be implemented to minimise light pollution in external areas?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. <div style="border: 1px solid black; height: 40px;"></div>
2 pts			

Pts Applicable	Pts Scored

Section Totals

--	--

Section 5: Efficient Resource Use

Office Use Only

1	Does the proposal utilise redevelopment of brownfield sites or vacant buildings?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please indicate which: <input type="checkbox"/> New development on a brownfield site; OR <input type="checkbox"/> New use of a vacant building (vacant for more than three years)
4 pts			

Pts Applicable	Pts Scored

2	Will reused, recycled and/or second-hand materials such as tiles, bricks and timber be used in construction?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. <div style="border: 1px solid black; height: 40px;"></div>
4 pts			

Pts Applicable	Pts Scored

3	Will u-PVC or aluminium be used in windows or fascia?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please indicate window frame type: Steel (2pts) <input type="radio"/> Timber (4pts) <input type="radio"/>
MAX 4 pts (for not using u-PVC or aluminium)			

Pts Applicable	Pts Scored

4	Will windows, doors and other timber be from an independently certified sustainable source, such as the Forestry Stewardship Council (FSC)?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. <div style="border: 1px solid black; height: 40px;"></div>
4 pts			

Pts Applicable	Pts Scored

5	Will low-impact materials be used in the development? Examples could include: Timber; unfired clay bricks or tiles; cork; wool; cellulose or flax insulation; strawboard; low-toxicity paints; green/turf roof.	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please list materials to be used: <div style="border: 1px solid black; height: 40px;"></div>
4 pts			

Pts Applicable	Pts Scored

6	Will external storage facilities for recycling be provided? <i>2 pts</i>	Yes <input type="radio"/>	Please provide details below. <div style="border: 1px solid black; height: 40px;"></div>	Pts Applicable	Pts Scored
		No <input type="radio"/>			
N/A <input type="radio"/>					
Section Total					

IMPORTANT: see below for Important Information

PLANNING OFFICER TO COMPLETE			Pts Applicable	Pts Scored
Comments: 	Section 1A: Energy			
	Section 1B: Energy			
	Section 2: Water Conservation			
	Section 3: Access, Safety and Security			
	Section 4: Biodiversity			
	Section 5: Efficient Resource Use			
GRAND TOTAL				

IMPORTANT – PLEASE READ

SUSTAINABILITY SELF CERTIFICATION DECLARATION

If planning permission is granted for your proposal, you will be sent a Sustainability Self Declaration Form with the decision notice.

You are then required to complete the declaration and return it to the Sustainability Team once the development has been completed but PRIOR to the occupation of the development.

It is noted that a random selection of developments will be selected for spot checks to ensure that sustainability measures have been implemented in accordance with the sustainability assessment form submitted with your planning application.