

Sustainability Assessment Form - Large Scale Developments

New Build Residential 10 Units and above

Residential Conversions 10 Units and above

Non-Residential Development >1000m² 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 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"/>	Please provide details below.
		No <input type="radio"/>	
		N/A <input type="radio"/>	
4 pts			

Pts Applicable	Pts Scored

2	Will passive measures for shading and cooling of the buildings be provided? 4 pts	Yes <input type="radio"/>	Please provide details below.
		No <input type="radio"/>	
		N/A <input type="radio"/>	

Pts Applicable	Pts Scored

3	Does the design allow for the use of natural light throughout the building? <i>Consider use of roof-lights, light wells, light tubes or atriums where appropriate</i>	Yes <input type="radio"/>	Please provide details below.
		No <input type="radio"/>	
		N/A <input type="radio"/>	
4 pts			

Pts Applicable	Pts Scored

4	Will efficient natural ventilation be provided through trickle ventilation, air bricks, passive stacks or an alternative method? 4 pts	Yes <input type="radio"/>	Trickle vents <input type="radio"/>	Passive stacks <input type="radio"/>
		No <input type="radio"/>	Air bricks <input type="radio"/>	
		N/A <input type="radio"/>	Other (please specify) <input type="radio"/>	<input type="text"/>

Pts Applicable	Pts Scored

Section 1A Totals

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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? 4 pts for each measure MAX 4 pts	Yes <input type="radio"/>	Installation of energy efficient boiler with over 80% efficiency rating <input type="radio"/>
		No <input type="radio"/>	Heat exchange system <input type="radio"/>
		N/A <input type="radio"/>	Efficient CHP (combined heat and power) <input type="radio"/>

Pts Applicable	Pts Scored

3	Will a system to recycle and purify grey-water be installed?	Yes <input type="radio"/>	Please provide details below.	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			
2 pts					

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

5	Will Sustainable Urban Drainage Systems be installed on the site in consultation with the Environment Agency?	Yes <input type="radio"/>	Please provide details below.	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			
6 pts					

Section 2 Totals		
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Section 3: Access	Office Use Only
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1	Will there be good access to the site for cyclists and pedestrians by links to cyclepath and footpath networks (site redevelopment only)	Yes <input type="radio"/>	Please indicate below	Pts Applicable	Pts Scored	
		No <input type="radio"/>				<input type="checkbox"/> Links to cycle path (2 pts)
		N/A <input type="radio"/>				<input type="checkbox"/> Links to footpath (2 pts)
4 pts						

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

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

Section 3 Totals		
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Section 4: Safety and Security	Office Use Only
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1	Will the development implement Secured by Design Standards? Please specify if you have contacted the local Police Architectural Liaison Officer.	Yes <input type="radio"/>	Please provide details below.	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			
4 pts					

2	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. <div style="border: 1px solid black; height: 60px;"></div>	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			

3	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. <div style="border: 1px solid black; height: 60px;"></div>	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			

Section Totals

Section 5: 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>) MAX 6 pts	Yes <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	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			

2	Has a landscape strategy been developed for the site? 2 pts	Yes <input type="radio"/>	Please tick which of the following matters are considered by the landscape strategy <input type="checkbox"/> Topography and drainage <input type="checkbox"/> Biodiversity <input type="checkbox"/> Safety <input type="checkbox"/> Noise pollution from outside the development site (e.g. limiting traffic noise) <input type="checkbox"/> Using drought resistant plants to reduce the need for water consumption	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			

3	Will measures be taken to minimise noise pollution during construction and ongoing noise from the development? 2 pts	Yes <input type="radio"/>	Please provide details below. <div style="border: 1px solid black; height: 60px;"></div>	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			

4	Will measures such as downlighting be implemented to minimise light pollution in external areas? 2 pts	Yes <input type="radio"/>	Please provide details below. <div style="border: 1px solid black; height: 60px;"></div>	Pts Applicable	Pts Scored
		No <input type="radio"/>			
		N/A <input type="radio"/>			

Section Totals

Section 6: Efficient Resource Use

Office Use Only

1	Is the proposal for the redevelopment of brownfield sites or vacant buildings? <p style="text-align: right;">4 pts</p>	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)	Pts Applicable 	Pts Scored
2	How will construction waste be minimised? Will a waste plan be developed? <p style="text-align: right;">2 pts</p>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below, and attach any additional information to this form. 	Pts Applicable 	Pts Scored
3	Will reused, recycled and/or second-hand materials such as tiles, bricks and timber be used in construction? <p style="text-align: right;">4 pts</p>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. 	Pts Applicable 	Pts Scored
4	Will demolition materials be re-used in construction? <p style="text-align: right;">2 pts</p>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. 	Pts Applicable 	Pts Scored
5	Will u-PVC or aluminium be used in windows or fascia? <p style="text-align: right;">MAX 4 pts (for not using u-PVC or aluminium)</p>	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"/>	Pts Applicable 	Pts Scored
6	Will windows, doors and other timber be from an independently certified sustainable source, such as the Forestry Stewardship Council (FSC)? <p style="text-align: right;">2 pts</p>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. 	Pts Applicable 	Pts Scored
7	Will low-impact materials be used in the development? Examples include: Timber; unfired clay bricks or tiles; cork; wool; cellulose or flax insulation; strawboard; low-toxicity paints; green/turf roof. <p style="text-align: right;">2 pts</p>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please list materials to be used: (points achieved for the use of two or more materials) 	Pts Applicable 	Pts Scored
8	Will external storage facilities for recycling be provided? <p style="text-align: right;">2 pts</p>	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	Please provide details below. 	Pts Applicable 	Pts Scored

