**SUSTAINABILITY STATEMENT**
This form must accompany all entries. Ensure to complete all sections below.

<table>
<thead>
<tr>
<th>BUILDING DESCRIPTION &amp; STATEMENT OF DESIGN INTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>All entrants will have to address aspects of Sustainability under the headings below. This statement should describe efforts to reduce embodied energy, improve social sustainability and long-term energy monitoring making Reference to your holistic approach to Sustainable Design (300 words max, use additional sheets if needed). Prompts are given for each heading.</td>
</tr>
</tbody>
</table>

| Environment | • how well does the project restore and enhance the site (e.g. biodiversity, site recovery, enhanced community integration and infrastructure)?  
• how well does the project response to orientation and environment (e.g. building orientation, location, use of existing buildings, microclimate)?  
• how much of the project is made from local low emission materials with good thermal performance, high durability and low toxicity? |
| Comfort / Health and Wellbeing | • how comfortable is the project acoustically, thermally and visually for users?  
• how easy is it for users to control, maintain and adapt the building? |
| Economic / Design solutions | • how does the project respond to the brief and how appropriate are the spaces?  
• what is the strategy for waste management?  
• how adaptable is the building to climate change?  
• how is the building to be maintained over time? |
| Quality Assurance | • how are materials, components and labour to be sourced?  
• how will waste be minimised during construction?  
• what is the strategy monitoring of building performance and post occupancy evaluation? |
| Sustainable Location | • is site greenfield/brownfield/refurbishment/demolish and rebuild?  
• what is proximity of project to public facilities, services, public transport, housing and employment  
• how robust is site to impacts of site changes (e.g. flooding, urban expansion) |
| Supplementary Notes | Any additional information |

**Energy + Carbon metrics**
The metrics required are Heating and Electrical energy demands, Regulated operational carbon emissions, On-site renewable energy contribution (where applicable). Inclusion of Upfront embodied carbon emissions and Post-occupancy performance metrics are optional.

<table>
<thead>
<tr>
<th>Heating demand (kWh/m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical demand</td>
</tr>
<tr>
<td>Total regulated operational primary energy demand BER (kWh/m²/annum)</td>
</tr>
<tr>
<td>Regulated operational carbon emissions (KgCO₂/m²/annum) BER</td>
</tr>
<tr>
<td>-----------------------------------------------------------</td>
</tr>
<tr>
<td>On-site renewable energy contribution (kWh/m²)</td>
</tr>
<tr>
<td>Upfront embodied carbon emissions (optional) (KgCO₂/m²/annum) (A1 – A5 modules EN 15978 )</td>
</tr>
</tbody>
</table>

**Explanatory Notes for preparing SUSTAINABILITY STATEMENT**

**Narrative text notes**

All entries should include approaches to the three principle demands of Sustainability; reduction of embodied energy, improvements in social sustainability and approach to long-term energy monitoring.

**Environment**

The Environment section considers the use of the site and the effect on the immediate site and surroundings of the building and its usage. Building form and the key issues relating to the shape and location of the building and use of materials.

**Comfort / Health and Wellbeing**

The Comfort / Health and Wellbeing section considers the results of the decisions of the architect and their team. The entrant should note benchmarked performance standards for a building type including the source of those benchmarks with the design or target standard achieved (and the source / verification of the data if available). Key issues examined are the usability of the building and the Indoor environment achieved.

**Economic / Design solutions**

The Economic / Design solutions section considers a range of issues: Building fabric strategy review, consideration of use of appropriate heating / cooling strategies, maintenance and replacement costs Briefing and Design Reviews: Sustainability deals with the appropriate and timely consideration of sustainability throughout the process.

**Quality Assurance**

The Quality Assurance solutions section considers measures in place to review quality construction, for example, to minimise heat loss due to air infiltration, mitigation of interstitial condensation. Sustainability of entries can be benchmarked against international standards and rating schemes, for example, BREEAM, LEED, Passive House.

**Sustainable Location**

The Sustainable Location section considers the choice of the site, which will have a significant effect on the immediate and lifelong environmental impact of the building. Consideration is given to the distance of site to access the nearest option of public transportation, such as a bus or train.

**Energy metrics**

Energy usage and CO2 emissions are required as set out on page 1 of this form. This information will be available from a standard BER assessment or from specialist modelling as appropriate.