**RIBA Awards 2023**

**Sustainability Criteria**

*The RIBA* [*2030 Climate Challenge*](https://www.architecture.com/about/policy/climate-action/2030-climate-challenge) *sets a series of targets for practices to adopt to reduce operational energy consumption, embodied carbon emissions and potable water use. Each year, the RIBA Awards eligibility and judging criteria become more closely aligned with these targets, demonstrating the crucial role architecture must play in mitigating and adapting to the climate crisis.*

***2023 Awards:*** *All projects are expected to achieve statutory targets for sustainable outcomes and to measure and verify how they perform. Information requested is dependent on project size - please complete as many questions as possible so that we can best understand the credentials of your scheme.*

*Given the variety of projects eligible for the RIBA Awards, the requirements for information will increase as projects move forward in the process i.e. greater detail is needed for a project at Stirling Prize and National Awards level compared with those eligible for RIBA Regional Awards.*

*All data must be entered on the online form below and* ***all fields are mandatory unless stated otherwise.*** *A Word version of this form is available here for reference.*

***Please note:*** *If mandatory data is required but not applicable to your project, please insert ‘0’ (zero) in the data field and provide an explanation in the text box at the end of the respective section - e.g. a bridge will not be able to provide some mandatory data due to its typology.*

**Project Data**

|  |  |
| --- | --- |
| **Project name**  |  |
| **Net Internal Area (m2)** |  |
| **Gross Internal Floor Area (m2) [1]** |  |
| **Construction cost (£) [2]** |  |
| **Planning approval date (MM/YYYY)** |  |
| **% Occupancy during 12-month period [3]** |  |
| **Gross Internal Conditioned Floor Area (m2) [4]** |  |

*[1] Gross Internal Floor Area (GIFA), for this form, is the same as 'Total Usable Floor Area' (TUFA) as defined by UK building regulations: 'the total area of all enclosed spaces measured to the internal face of the external walls. In this context: the area of sloping surfaces such as staircases, galleries, raked auditoria and tiered terraces should be taken as their area on plan. Areas that are not enclosed such as open floors, covered ways and balconies are excluded.' This area includes the footprint of interior partitions. This is different from the ‘Treated Floor Area’ (TFA).*

*[2] Construction cost is the complete construction cost, including contractor overheads and profits and any contractor-team design fees, excluding VAT and design team fees.*

*[3] The percentage occupancy, for this form, should relate to the energy data collection period.*

*[4] ‘Gross Internal Conditioned Floor Area’ is the GIFA that is conditioned (e.g. heated and/or cooled).*

**Building specification**

**Provide details of the building fabric performance.**

*U-values to be provided as area-weighted for all of that element, building-wide.*

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| Roofs (W/m2k) |  |
| Exterior walls (W/m2k) |  |
| Exterior windows (W/m2k (Uw)) |  |
| Glazing systems / curtain walls (W/m2k (Uw)) |  |
| Ground floor (W/m2k (Uw)) |  |
| Airtightness (m3/hr m2 at 50Pa)Mandatory for projects over 1,000m2 |  |
| Average Building U-Value (W/m2k) Optional |  |
| Average Building Y-Value (W/m2k)Optional |  |

**Any other supporting information relating to the Building Specification.**

Optional. Maximum 200 words.

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**Sustainability Data**

**Outline the drivers, concept, and performance of the building in terms of sustainability.***Has sustainability been a key driver of the architectural concept, building form, construction, systems, and building use? Were there any special project objectives, challenges, or constraints? Was the design reviewed against the impacts of future climate change (e.g. future weather, flood risk, overheating risk)? Are there any innovations in sustainable construction? What are the key indoor and outdoor water use reduction strategies? Please state how the project aligns with the* [*RIBA 2030 Climate Challenge*](https://www.architecture.com/awards-and-competitions-landing-page/awards/awards-entry-guidelines)*.*

Maximum 300 words.

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| **Predicted regulated energy use (kWh/m2/yr Regulated only)** |  |
| **Predicted on-site renewable energy generation (kWh/m2/yr) [5]** |  |
| **Predicted potable water use (litre per person per day)** |  |
| **Actual annual gas usage (kWh/m2/yr) [6]**Mandatory to be considered for RIBA National Award or above |  |
| **Actual annual electricity usage (kWh/m2/yr) [6] [7]**Mandatory to be considered for RIBA National Award or above |  |
| **Predicted unregulated energy use (kWh/m2/yr)**Mandatory for projects over 1,000m2 |  |

*[5] Predicted on-site renewable energy generation does not include heat pumps.*

*[6] Actual annual gas usage and actual annual electricity usage are required in order to be considered for a RIBA National Award or above.*

*[7] Actual annual electricity usage includes all sources of electricity (i.e. including any on-site PVs).*

**Describe the strategies used in the building’s design to reduce embodied carbon.**

Maximum 200 words.

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**Provide a breakdown of the building’s whole life embodied carbon performance. [8]**

Mandatory to be considered for RIBA Stirling Prize.

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| **Element** | **Design life (years)** | **Embodied / whole-life carbon (kgCO2eq/m2)** |
| Whole Building (total) |  |  |
| Substructure |  |  |
| Superstructure |  |  |
| Envelope |  |  |
| Services |  |  |
| Internal Fitout |  |  |

*[8] The breakdown of the building’s whole life embodied carbon performance is required in order to be considered for the RIBA Stirling Prize.*

**Confirm the basis for the results provided in the breakdown and the method used for the calculation.**

*Confirm which RIBA Stage the calculation was undertaken at, and state assumed building life and assessment boundary (cradle to gate/cradle to practical completion/cradle to grave). Confirm whether RICS or PHPP Ribbon whole-life carbon methodology was used, and which life-cycle stages were included (i.e. Upfront carbon RICS Modules A1-A3; or Embodied Carbon RICS Modules A1-A5,B1-B5,C1-C4; Whole Life Carbon RICS Modules A1-A5,B1-B7,C1-C4).*

Required if breakdown above is completed. Maximum 200 words.

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**Explain the key ecology strategies.**

*Does the scheme significantly enhance biodiversity, creating or restoring habitats, increasing green infrastructure and creating opportunities for productive growing spaces (e.g. local food production)? Does the scheme entail removal of Category A and B trees and what measures have been taken to mitigate for the loss? Does the scheme avoid building on designated landscapes (e.g. greenfield land, Areas of Outstanding Natural Beauty, locally designated landscapes)? If not, what measures have been taken to mitigate the impact on the environment? Does the scheme include provision to protect and enhance habitats? If yes, how is this safeguarded for future years? Please refer to the* [*RIBA Sustainable Outcomes*](https://www.architecture.com/knowledge-and-resources/resources-landing-page/sustainable-outcomes-guide) *guide for further information.*

Optional. Maximum 300 words.

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| **Biodiversity net gain (BNG) %**Optional |  |

**Any other supporting information relating to the Sustainability Data.**

Optional. Maximum 200 words.

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