

APPENDIX K

ASSESSMENT CHECKLIST FOR SUSTAINABLE BUILDINGS

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| Context | |
| 1. | Choice of Site |
| 1.1 | Refurbishment, Brownfield, Greenfield |
| 1.2 | Proximity to public facilities and services |
| 1.3 | Transport policy proximity to public transport |
| 1.4 | Proximity to housing and/or employment |
| 1.5 | Robustness against impacts of change (e.g flooding) |
| Design Choices | |
| 2. | Use of Site |
| 2.1 | Ecological quality of site |
| 2.2 | Use of land |
| 2.3 | Biodiversity |
| 2.4 | Community integration |
| 2.5 | Infrastructure enhancement |
| 3. | Building Form |
| 3.1 | Location of building on site |
| 3.2 | Reuse existing buildings |
| 3.3 | External environmental impact (visual, noise, microclimate) |
| 3.4 | Adaptability potential |
| 4. | Use of Materials |
| 4.1 | Selection for low environmental impact |
| 4.2 | Potential for reuse and recycling |
| 4.3 | Good thermal performance |
| 4.4 | Low embodied energy and pollution |
| 4.5 | Low toxicity |
| Outcomes (design predictions, replace by actual when in use) | |
| 5. | Functionality |
| 5.1 | Controls, controllability and manageability |
| 5.2 | Provision for maintenance |
| 5.3 | Provision for waste management |
| 5.4 | Resistance to climate change impacts |
| 5.4 | Durability |
| 6. | Indoor Environment |
| 6.1 | Acoustic |
| 6.2 | Air quality |
| 6.3 | Lighting |
| 6.4 | Thermal |
| 6.5 | Spatial |
| 7. | Energy, CO and utilities |
| 7.1 | Energy efficiency |
| 7.2 | On-site CHP and renewable energy |
| 7.3 | Emissions to atmosphere (principally CO ₂) |
| 7.4 | Water |
| 7.5 | Liquid wastes avoidance, drainage systems, water treatment |

7.6 Solid wastes, waste management

Design and Construction Process

8. Construction and Handover

- 8.1 Briefing and design reviews
 - 8.2 Considerate constructor
 - 8.3 Environmental impact of operations on site
 - 8.4 Environmental impact of transport to site
 - 8.5 Sourcing of materials, components and labour
 - 8.6 Waste minimisation during construction
 - 8.7 Fit out
 - 8.8 Commissioning, handover, training, soft landings
 - 8.9 Incorporating post-occupancy evaluation and feedback
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Achieve Performance (if information is available)

9. Performance in Use

- 9.1 Impact on local environment (community, townscape, transport etc.)
 - 9.2 Fitness for purpose
 - 9.3 Appropriateness of space
 - 9.4 Appropriateness of fit out
 - 9.5 Usability and manageability (update section 5)
 - 9.6 Indoor environmental quality (update section 6)
 - 9.7 Occupant satisfaction
 - 9.8 Use of energy and utilities (update section 7)
 - 9.9 Quality of building and facilities management
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Source: Gething and Bordass (2006:419)