

# LE05

## Land use and ecology

### Long term ecology management and maintenance

#### Actions:

- i. Appoint a Suitably Qualified Ecologist to undertake an **ecology management and maintenance report**

#### i. Appoint a Suitably Qualified Ecologist

This is an individual who holds a degree (or equivalent) in Ecology or related subject and has a minimum of **three years relevant experience (within the last five years)**. They must also be covered by a professional code of conduct and subjected to peer review. Members of the following (who also comply with the above) are deemed to be Suitably Qualified:

- a. Chartered Institute of Ecology and Environmental Management (CIEEM)
- b. Chartered Institution of Water and Environmental Management (CIWEM)
- c. Institute of Environmental Management and Assessment (IEMA)
- d. Landscape Institute (LI)
- e. The Institution of Environmental Sciences (IES).

#### Long term ecology management and maintenance

The project team should **liaise and collaborate** with representative stakeholders, taking into consideration data collated and shared, on solutions and measures implemented to:

- **Monitor and review** the effectiveness with which the plans for LE 03 & LE 04 are implemented.
- **Develop and review** management and maintenance solutions, actions or measures.

**In support of the above and to help ensure their continued relevance over the period of the project the following should be considered:**

- Monitoring and reporting of the ecological outcomes for site implemented at the design and construction stage
- Monitoring and reporting of outcomes and successes from the project
- Arrangements for the ongoing management of landscape and habitat connected to the project (on and, where relevant, off site)
- Maintaining the ecological value of the site and its relationship or connection to its zone of influence
- Maintaining the site in line with the any sustainability linked activities, e.g. ecosystems benefits (LE 02).
- Remedial or other management actions are carried out which relate to those identified in LE 02, LE 03 and LE 04.
- As part of the tenant or building owner information supplied, a section on Ecology and Biodiversity should be included to inform the owner or occupant of local ecological features, value and biodiversity on/near the site.

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Note: This document is intended as guidance only. Consult your BREEAM AP or Assessor to ensure compliance is achieved.

## Landscape and Ecology Management Plan

This should be developed in accordance with [BS 42020:2013 Section 11.11](#) covering at least the **first five years after** project completion and should include:

- Actions and responsibilities, prior to handover, to give to relevant individuals
- The ecological value and condition of the site over the development life.
- Identification of opportunities for ongoing alignment with activities external to the development project and which supports the aims of BREEAM's Strategic Ecology Framework
- Identification and guidance to trigger appropriate remedial actions to address previously unforeseen impacts
- Clearly defined and allocated roles and responsibilities.

The landscape and management plan should be **updated** as appropriate to support the maintenance of the ecological value of the site.

### Is the site likely to have a complex ecological system?

If so, **an information pack** should be provided and should include the following content, as appropriate:

- Details of the ecological value within the property boundary (e.g. public and private gardens, green roofs), common areas (e.g. communal garden), and the surrounding area (e.g. public recreational space).
- The benefits of the ecological value to the occupants and the broader community.
- Guidance on how the occupants can make the most of the local ecology and contribute to its management, (e.g. planting ecologically appropriate species in their property), as well as things that should be avoided doing (e.g. disrupting wildlife corridors);
- Highlight relevant actions that can be taken to enhance value within the property that is owned or occupied to help ensure its ongoing management and maintenance.
- Contact details for those responsible for the management and maintenance of the local ecology and sources of local information on biodiversity and ecological management including management companies and local wildlife trusts.

Any data collected should be shared with the project team to inform decisions relating to the site preparations, design or construction works.

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