

BREEAM and Green infrastructure

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BREEAM

The world's **longest established** and **most widely used** environmental assessment method for buildings and communities

- Created in 1988 and launched in 1990

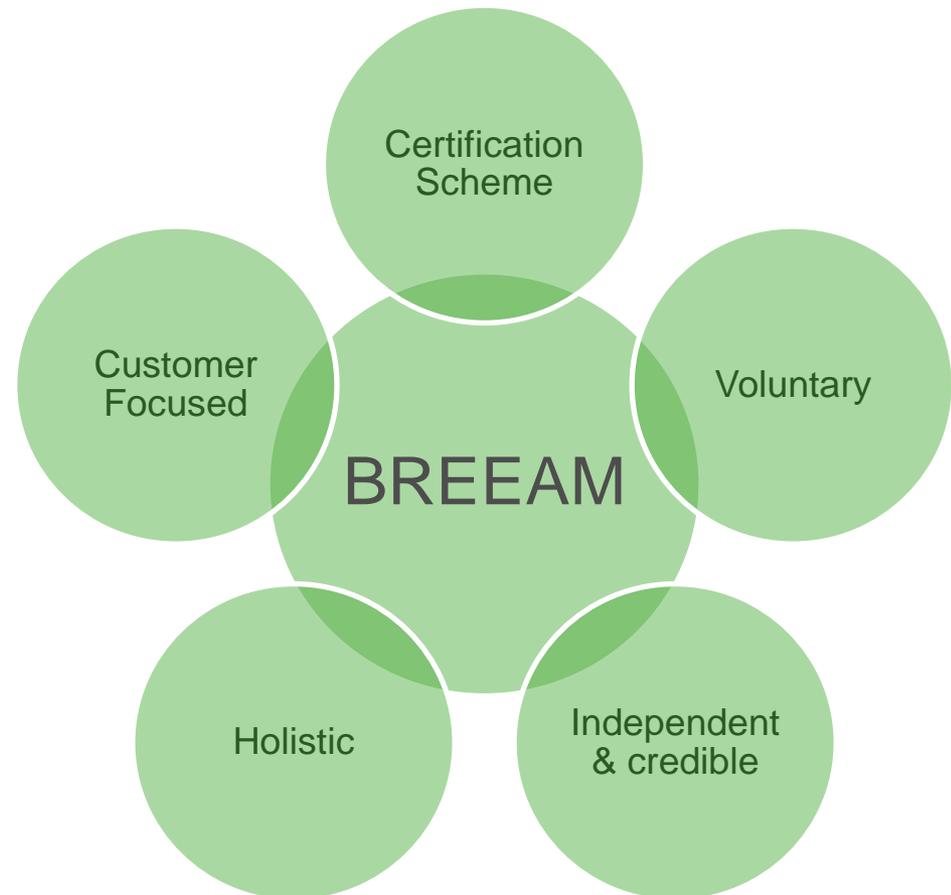
Over 425,000 buildings certified, over a million registered for assessment since it was first launched.

Network of over **4,000 independent licensed assessors** across the world.

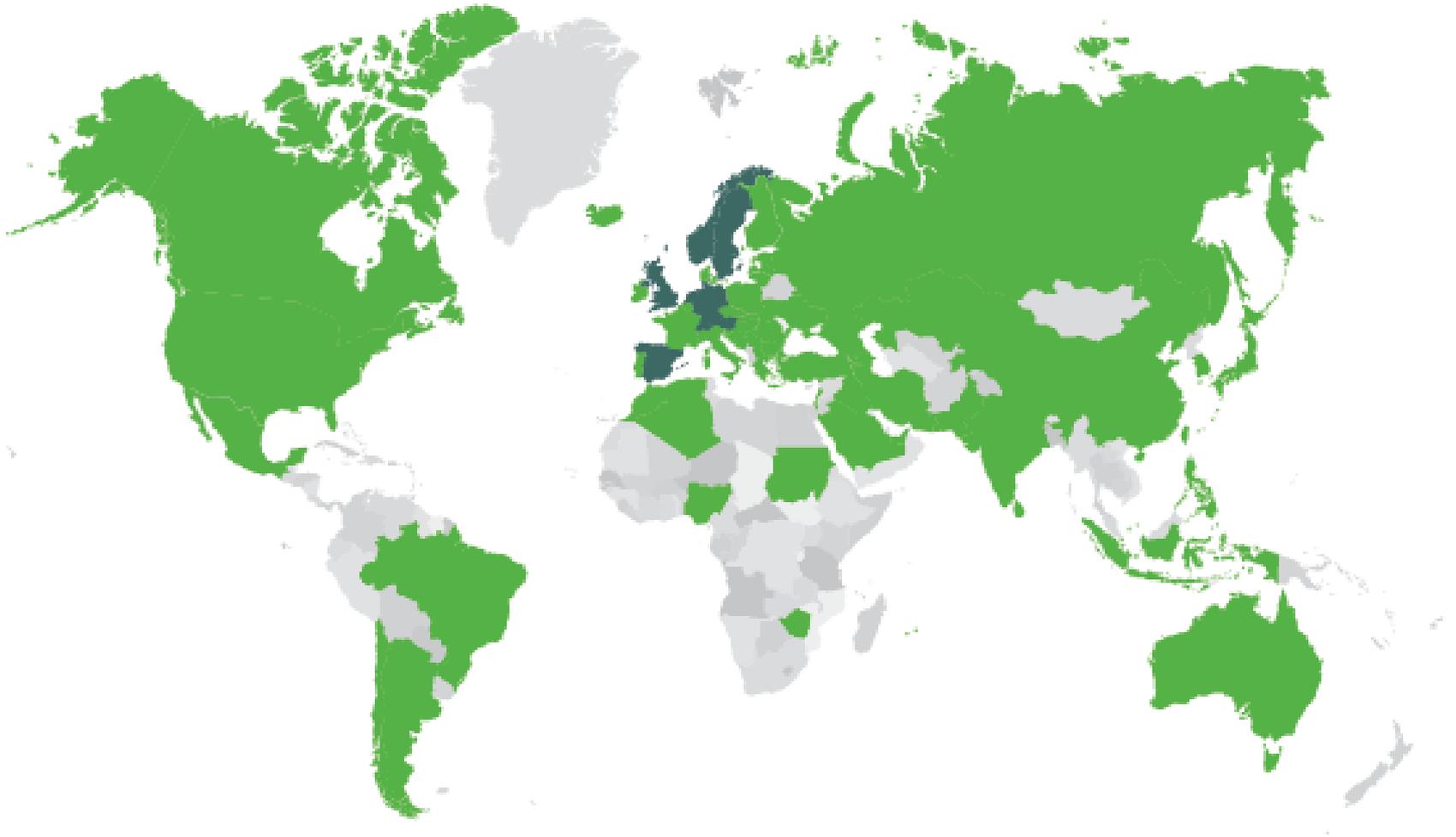


An Introduction to BREEAM

- An inspirational standard that **drives improvement**
- Based on scientific **research & market best practice**
- A range of schemes across the **building lifecycle**
- A global standard **locally adapted and operated**



BREEAM around the world ... 485,000 certified buildings



Whole Life Assessment



BREEAM®

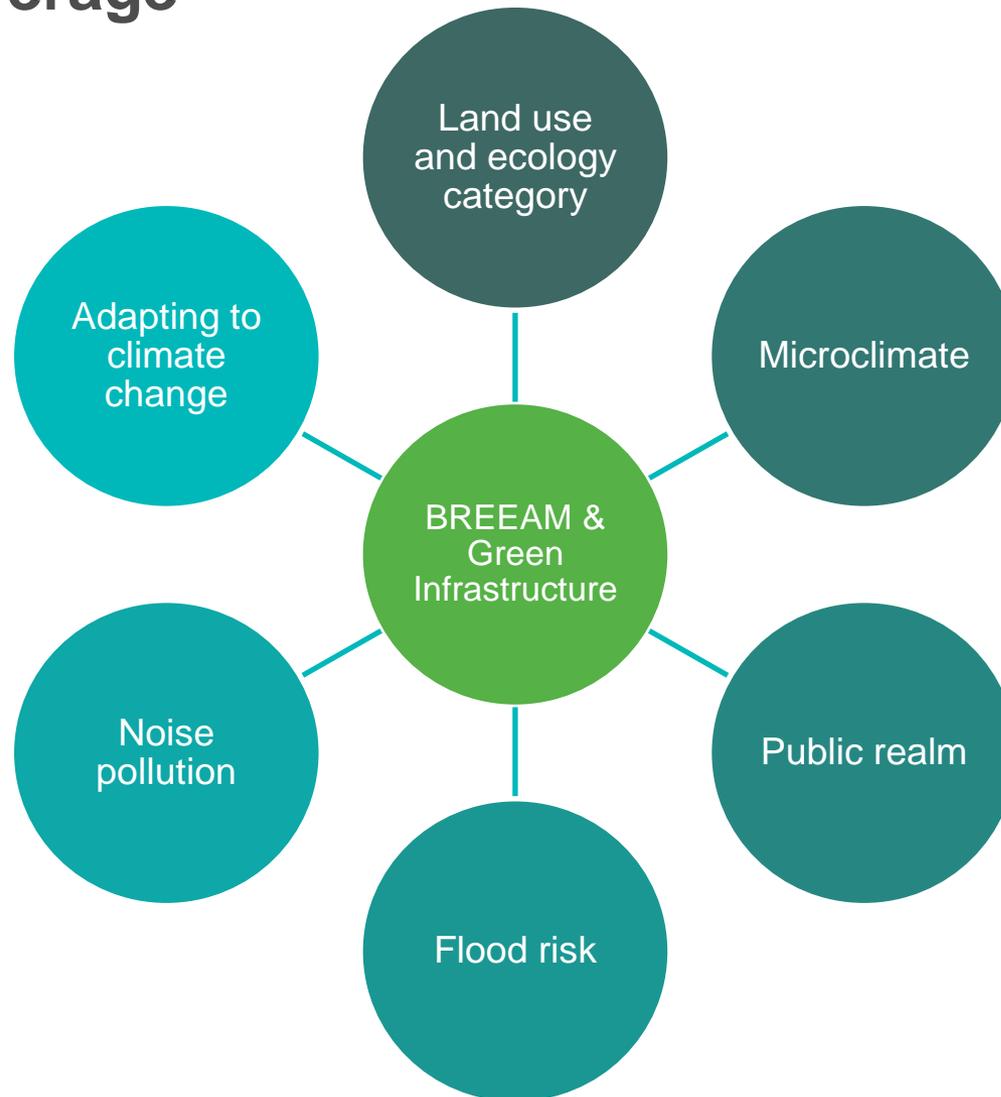


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**BREEAM and Green
Infrastructure**



Current coverage



Definition

Green and blue infrastructure: “A network of high quality land/water-spaces and other environmental features such as parks, open spaces, playing fields, woodlands, wetlands, grasslands, river and canal corridors, allotments and private gardens.”

Current coverage - BREEAM Communities

Social and economic wellbeing category

SE 11 – Green infrastructure

Step	Category	Mandatory standards	No. of credits available
2	Social and economic wellbeing	No	4

Aim

To ensure access to high quality space in the natural environment and/or urban green infrastructure for all.

Assessment Criteria

The following is required to demonstrate compliance:

One credit

1. Consultation has taken place with the local authority, existing residents and potential users of the development to understand the desired uses, design, quantity and location of accessible and natural greenspace.
2. A green infrastructure plan is developed as a part of the masterplan. A summary of the consultation responses and any constraints restricting the provision of natural accessible greenspace are explained in this document.

Two credits

3. Criteria 1 and 2 are achieved.
4. The masterplan is designed to allow all residents to be within walking distance of greenspace via a safe and convenient pedestrian route.
5. There is a management strategy in place or the developer can confirm it will be in place to provide long-term maintenance of the greenspace before practical completion of the project. This can be through any of the options below:
 - the developer sets up a resident's association with funding arrangements.
 - the developer or owners hand over the maintenance responsibility of new or existing areas of open space to the local authority or another appropriate body, usually with a commuted sum with which can fund future maintenance.
 - the local authority or developer makes an arrangement with a suitable third party for long-term maintenance.

Three credits

6. Criteria 1 to 5 are achieved.

- Consultation
 - Uses
 - Design
 - Quality
 - Location
- Green infrastructure plan
- Access
- Management strategy

Strategic Ecology Framework

- Strategic review of the approach taken to address ecology within BREEAM
- *Reflect current best practise*
- *A common approach across all schemes*
- *Reflect the context of the development*
- *Wider scope – socio economic benefits*
- *Drive improved value for biodiversity*
- *Balance this with:*
 - *The cost of implementing the criteria*
 - *The ease of implementing the criteria*

Why develop the SEF?

- Aims of the issues and assessment criteria have remained broadly consistent since 1998
- Numerous consultations and attempts to update in the past
- Acknowledge feedback from industry
- Need to reflect current best practice



SEF

- Stage 1: Assessment and evaluation
- Stage 2: Option Identification and appraisal
- Stage 3: Recommendations
- Stage 4: Creating the Strategy
- Stage 5: Implementing the Strategy
- Handover

Implementation

Strategic Ecology Framework

Continual review and update process



Scheme update and criteria development

Summary

- The world's longest established and most widely used environmental assessment method for buildings and communities
- Current coverage of Green Infrastructure in BREEAM
- Current review of Ecology within BREEAM

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Thank you.



@BREWatford



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