

Implementing BREEAM UK's Strategic Ecology Framework: championing an integrated, cross sectorial approach

Yetunde Abdul – BREEAM Schemes Development Manager
22th March 2017



What is BREEAM?

- The world's **longest established** and **most widely used** environmental assessment method for buildings, master planning and infrastructure
- Launched in **1990** (First Offices, then Industrial, Retail etc...)
- Process and **outcome focused**
- Robust, **evidence based** criteria
- Drives **innovation** and standards above the regulatory minimum
- **Voluntary** method
- Credible label showcasing **CSR**
- A **family** of schemes covering the majority of building lifecycle stages



BREEAM® UK



BREEAM around the world ...





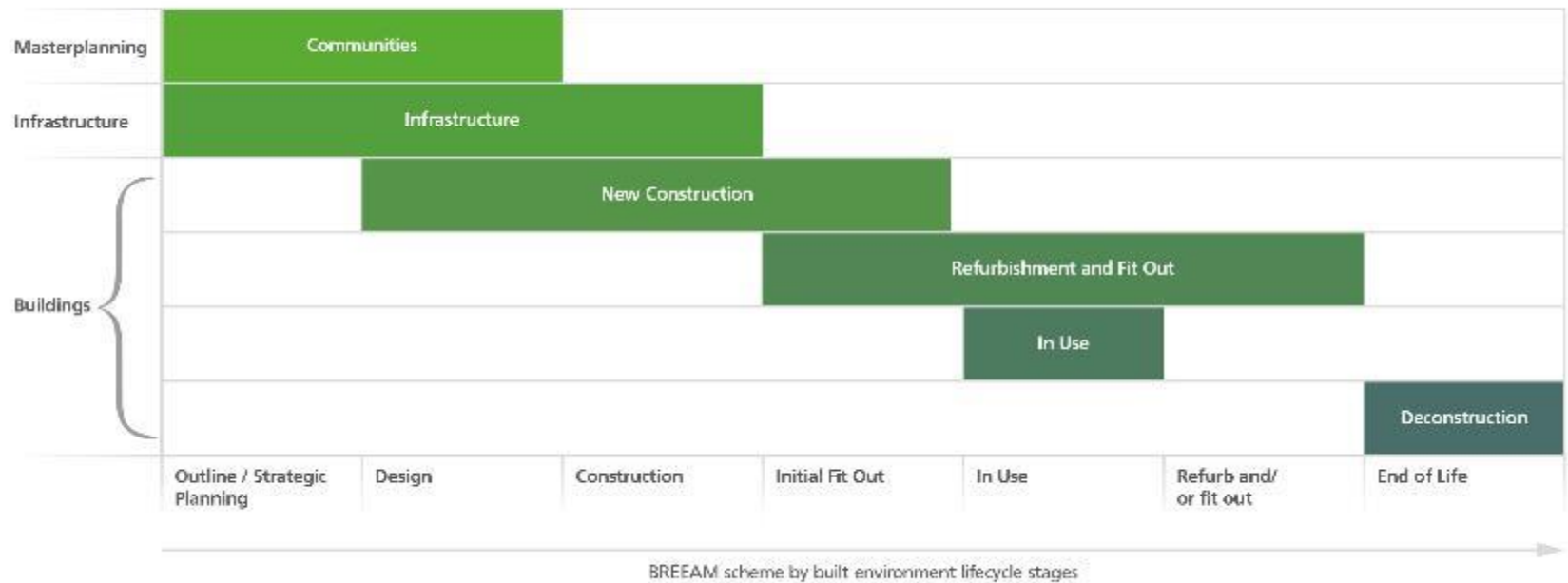
BREEAMs overarching Aim

BREEAM assesses, rewards and encourages environmental, social and economic sustainability throughout the built environment. The BREEAM schemes:

- encourage continuous performance improvement and innovation by setting a broad range of scientifically rigorous requirements that go beyond current regulations and practice,
- empower those who own, commission, deliver, manage or use buildings, infrastructure or communities to achieve their sustainability aspirations,
- build confidence by providing independent certification that give value and wider benefits to individuals, business, society and the environment.



BREEAM scope



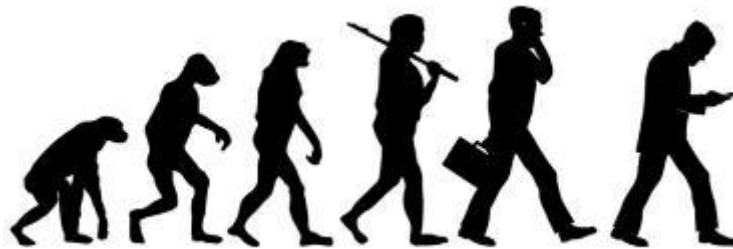
Ecology in BREEAM

- Ecology is one of a series of key categories included across the BREEAM family of schemes
- Added in 1993. Coverage has evolved the aims of the issues and assessment criteria have remained broadly consistent since 1998
- Encourages project teams to identify ecologically valuable features and opportunities;
 - to protect and enhance habitats,
 - to mitigate unavoidable impacts
- Seeks to improve long term biodiversity management practices and strategies for assessed sites and associated areas.

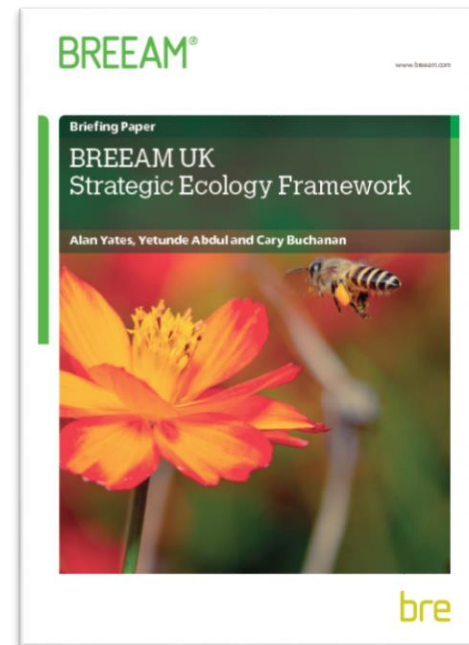


What is the Strategic Ecology Framework?

Evolution of BREEAM

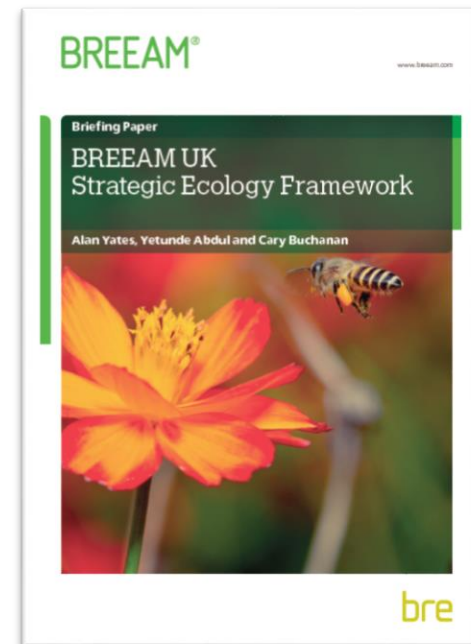


Environment → Sustainability

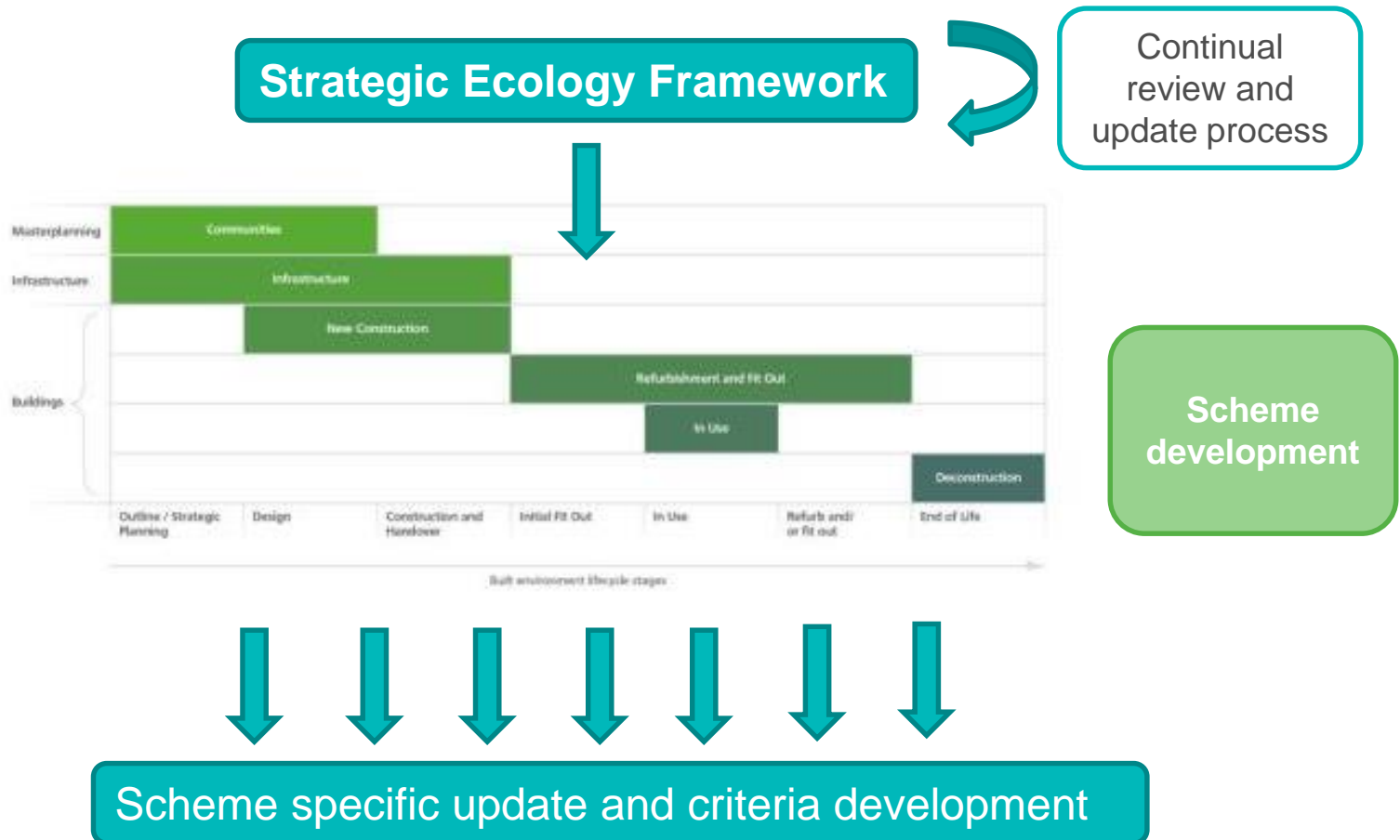


The Strategic Ecology Framework

- A response to changes in best practice, key policy areas in development and feedback received
- Published to enable those working in the built environment to better understand the basis of BREEAM evaluations, and to take account of this in their future planning.
- Sets out a common basis on which appropriate ecology related scheme assessment criteria will be developed
- Aims to ensure a fair and balanced framework for evaluating ecological impact, mitigation issues and enhancement issues across the BREEAM family of schemes



The Strategic Ecology Framework



A Cross Sectorial Approach..



Implementing the SEF - Stage 1

SEF Implementation Advisory Group set up and working group meeting (focus on Ecology and Landscape)

- Ecologists central to the implementation process
- Acknowledgement by members of both disciplines that dialogue with landscape architects essential to ensure successful long term outcomes
- Two day workshop held in London with Ecologists and Landscape Architects last year and set up of the SEF Implementation advisory group
- Views and advice gathered on how the SEF should be implemented in the BREEAM family of schemes and future strategic direction





Implementing the SEF - Stage 2

SEF implementation - ecology links to wider sustainability activities including landscape

Landscape	Health & Wellbeing	Resilience	Other
i. Landscape design ii. Heritage and local character iii. Green Infrastructure	i. Recreational space ii. Water quality iii. Noise mitigation iv. Air quality control v. Light pollution control measures	i. Climate change mitigation ii. Surface water run off iii. Flood risk management iv. Climate-sensitive urban design	i. Community and end-user involvement ii. Pest control iii. Life cycle costing and service life planning.

- Aims to promote and maximise opportunities to align or integrate with wider sustainability activities
- Links to specification decisions, promoting a joined up approach, longer term benefit for development and society
- SEF implementation advisory group will be expanded to include more specialists as needed

Implementing the SEF - Stage 3

SEF implementation – practical application considerations and wider stakeholder involvement

- Specification decisions and links to other areas (users, project team, other specialists etc.)
- Monitoring, review and handover considerations in achieving a successful outcome
- Consultation of methodology / guidance with key stakeholders in the BREEAM assessment process (contractors, facilities managers, design team members, Assessors, AP's etc.), BREEAM representatives, AG etc.



Your opportunity to input

- Stage 3 is your opportunity to contribute to the implementation process
- Ecology category separated out from schemes documents
- Tailored consultation to be run over the summer covering all UK BREEAM schemes
- CIEEM kept up to date with progress and consultation release
- We encourage and welcome input

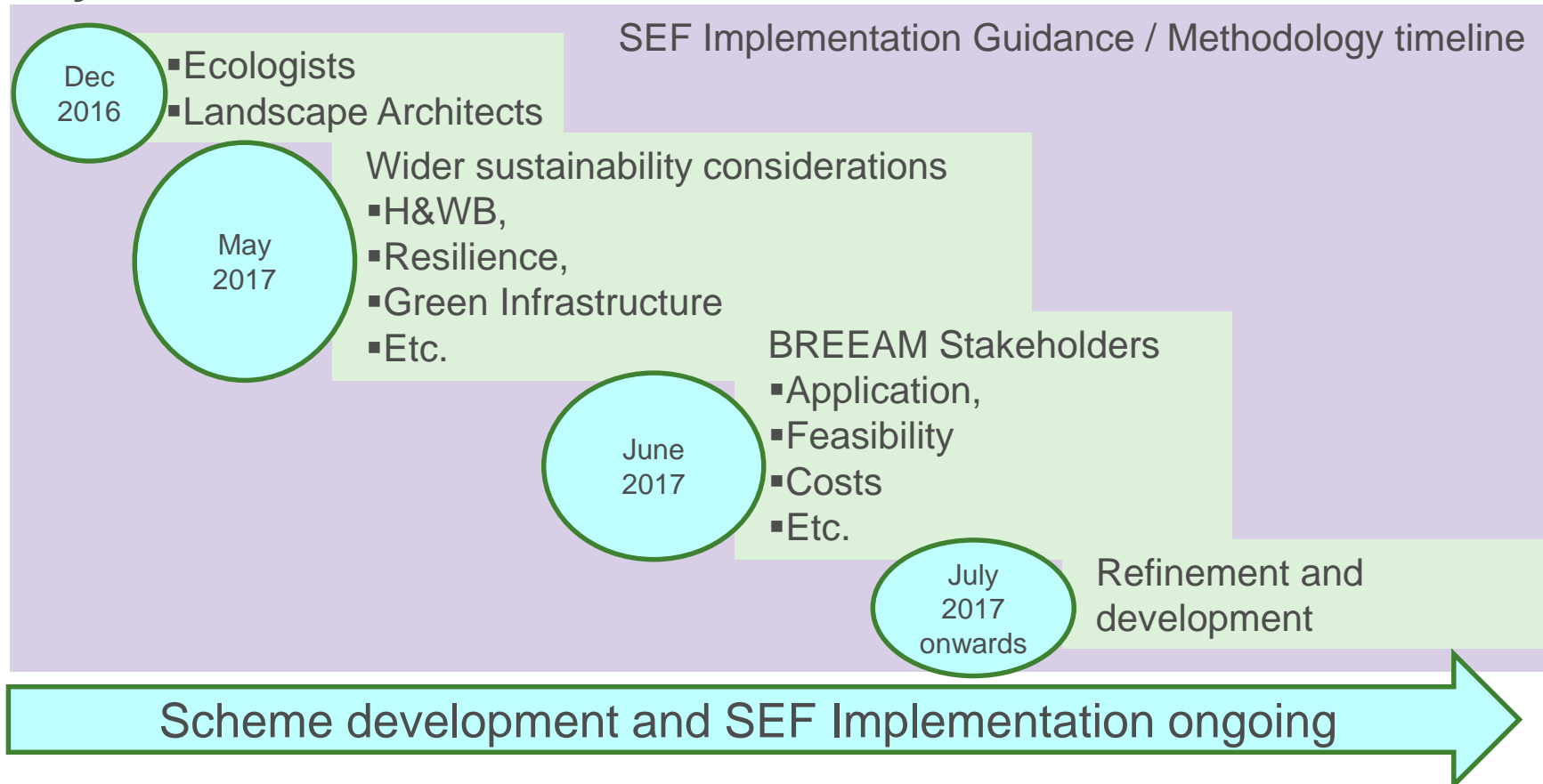


Where we are now:

SEF development **Complete**

SEF implementation **On-going**

Key activities and timescales



Questions



Thank you

Yetunde Abdul
Scheme Development Manager
BREEAM@bre.co.uk

