

The logo for BRE, consisting of the lowercase letters 'bre' in a bold, sans-serif font. The letters are a light green color. The background of the slide is dark grey with a decorative pattern of thin, overlapping green lines in the upper right corner.

bre

BREEAM update

'Green' is more than a badge it is good business sense!

## BREEAM aims to.....

- Improve the environmental performance of buildings
  - By demonstrating improvements over building regulation
  - Recognising and encouraging industry best practice
- Work towards government and global long term targets

## BREEAM requirements

- **Scottish Funding Council**
  - New builds to achieve a minimum BREEAM Education Excellent rating at all stages and Post Occupancy Evaluation is now mandatory for all major capital projects
- **SGHD**
  - New builds to achieve a minimum Excellent Healthcare rating and refurbishments to achieve a Very Good
- **Local Authorities**
  - Incorporating Environmental standards as part of supplementary planning guidance
- **Private Developers**
  - Main drivers are planning process, tenants looking to occupy efficient buildings and the social housing sector

## Sustainability Drivers - Policy

- Revised tougher Building Regs 2007 – energy and environment sections
  - Ongoing revisions to support policy documents – 30% beyond current standards to be introduced Oct 09
- Climate Change Bill 2007-2008
  - Will result in Scotland having the most ambitious climate change legislation anywhere in the world with a mandatory target of cutting emissions by 80% by 2050

# EU Energy Performance of Buildings Directive

- Requires:
  - Minimum energy performance standards for new buildings and large existing buildings subject to major renovation
  - Energy performance certificates
    - *Provided to prospective purchaser/tenant*
    - *Prominent display of the energy certificate in all public buildings and institutions providing public services*

# Low Carbon Building Standards Strategy for Scotland - 2007

- New buildings
  - Net zero carbon buildings by 2016 – 2017
  - U-values and airtightness standards to match those of Nordic countries by 2010
  - “Total life” zero carbon buildings by 2030
- Existing buildings
  - Developing practical performance standards for existing buildings (aligned with EPC’s)



## Other drivers

- Scottish Sustainable Communities Initiative
- Corporate social responsibility
- Insurance – climate change and risk
- Carbon Reduction Commitment (carbon trading scheme education/NHS buildings to be included)

## BREEAM 2008 update

- Change to environmental weightings
- Introduction of mandatory credits
- Innovation and exemplary level credits
- Two stage certification process: Design stage and Post construction
- BREEAM Outstanding
- Benchmarks set for CO<sub>2</sub> emissions to align with the new EPC (Environmental Performance Certificates)
- Green Guide to Specification on line
- New Schemes: BREEAM Education and BREEAM Healthcare



























































