BES 6001 Framework Standard for the Responsible Sourcing of Construction Products

David Gall & Nicki Ledger
Introduction

- BRE Goals
- What is RS?
- Drivers for BES 6001
- Aims of BES 6001
- Development Process
- Standard format
- Requirements of BES 6001
- Scoring
- Certification Options
- Assessment Procedure
- Certification Bodies
- Advantages of Certification
- Questions
Our goal at BRE

• to allow industry the recognition for its sustainability endeavours; give a certifiable framework for its measurement, and to produce meaningful messages for stakeholders and specifiers alike.
What is responsible sourcing?

Responsible sourcing is an ethos of supply chain management and product stewardship, and encompasses social, economic and environmental dimensions.

- Responsible sourcing of materials (RSM) provides a holistic approach to managing a product from the point at which a material is mined or harvested in its raw state through manufacture and processing, through use, re-use and recycling, until its final disposal as waste with no further value.
Drivers for development of BES 6001

• Drivers include:
  – Target within joint Government/Industry Strategy for Sustainable Construction (released June 08)
  – Key target for Construction Products Association in 08/09
  – BREEAM/CSH Materials credits
  – ODA, Bovis Lend Lease, UKGBC, Eden project etc
Aims of BES 6001

• To promote responsible sourcing of construction products through the provision of a set of requirements;
• To give clear guidance on the sustainability aspects that should be addressed;
• To provide confidence that materials and products are being responsibly sourced; and
• To provide a route to obtaining credits for BREEAM/Code for Sustainable Homes certification schemes.
Development process

- BES 6001 Framework Standard for the Responsible Sourcing of Construction Products - Published in October 2008
- Developed in consultation with stakeholders - 3 workshops and 2 web-based consultations
- Aimed at assessment and certification of responsible sourcing principles associated with construction products
- Produced as a framework standard from which sector-specific schemes can be developed
Framework Standard format

BES 6001 Framework Standard

- Sector specific standards / guidance documents
- Bespoke / company specific standards
Requirements of BES 6001

• Assessed against requirements within three categories:
  – Organisational Management Requirements
  – Supply Chain Management Requirements
  – Environmental and Social Requirements

• Some requirements are compulsory and must be met in order to achieve a ‘Pass’ Level. Points are awarded for voluntary performance beyond compulsory requirements to reach ‘Good’, ‘Very Good’ and ‘Excellent’ levels.
Organisational Management Requirements

• Compulsory
  – Documented responsible sourcing policy
  – Procedure to identify and meet legal requirements
  – Documented quality management system
  – Documented supplier management system and risk assessments for all suppliers outside EU/OECD.

• Voluntary
  – Certified quality management system to ISO 9001 (or equivalent)
Supply Chain Management Requirements

• Compulsory
  – 60% constituent materials traceable to source
  – Traceable constituent materials from organisation with documented EMS
  – Traceable constituent materials from organisation with documented H&S management system

• Voluntary
  – 75% or 90% constituent materials traceable to source
  – 60%, 75% or 90% traceable constituent materials from organisation with certified EMS
  – 60%, 75% or 90% traceable constituent materials from organisation with certified H&S management system
Environmental/Social Requirements

• Based on hierarchy of requirements:
  – Policy and metrics
  – Objectives and targets
  – Stakeholder reporting
  – External verification of data/information

• Compulsory (but points awarded)
  – Policy and metrics for reduction of GHG emissions
  – Policy and metrics for use of primary raw materials and stewardship at source
Environmental/Social Requirements

• Voluntary points made up from the following issues:
  – Greenhouse gas emissions
  – Resource use
  – Waste management
  – Water extraction
  – LCA
  – Transport impacts
  – Employment and skills
  – Local communities
Scoring

<table>
<thead>
<tr>
<th>Section</th>
<th>Overall Assessment Score</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Excellent</strong> ****</td>
<td><strong>Very Good</strong> ***</td>
</tr>
<tr>
<td>Total score: Organisational Management and Supply Chain Management sections</td>
<td>8</td>
</tr>
<tr>
<td>Total score: Environmental and Social Requirements</td>
<td>36</td>
</tr>
</tbody>
</table>
Certification options

Corporate boundary

Production site
- Site label
- Product label

Green Stuff corp.
- Corporation label

Protecting People, Property and the Planet
Assessment Procedure

Application form

- Company details
- Scope of certification e.g. single/multiple products, single/multiple sites, whole organisation
- Level of compliance aiming for e.g. Very Good
- Product details e.g. groupings etc
Assessment Procedure

Proposal sent to client
• Price
• Work schedule
• Documentary evidence required

Desktop study of documentation
• Aim to do as much of the assessment at desktop stage as possible to minimise length of site visit(s)

Site Visit
• Verification of evidence
• Site visit of head office and a proportion of manufacturing sites (to cover all assessed products/product groups)
Verification Procedure

• Assessment reports verified by BRE Global QA team

• Certificate issued and listing on Green Book Live website

• Yearly surveillance visits and random spot-audits – BRE to be informed of any significant changes
BES 6001 Certification Bodies

• Currently only BRE Global can carry out BES 6001 assessments BUT…
  – Standard developed under ‘one standard, multiple providers’ model
  – Currently working with other certification bodies to develop sub-license arrangements
  – Potential for integrated assessment of quality, environmental, H&S and responsible sourcing standards by one organisation
Advantages of BES 6001

- Able to assess any type of construction product
- Able to assess groups of products, groups of sites or the whole organisation
- Encouraging the adoption of responsible sourcing principles from the product up through the supply chain to raw material producers
- Scoring system encourages initial benchmarking and continuous improvement in target areas
- Provides recognition of those industries already performing well in this area
Advantages of BES 6001

• Provides confidence that products and materials are responsibly sourced
• Competitive advantage
• Marketing opportunity
• Potentially provides a means for gaining credits for BREEAM/CSH
Responsible Sourcing of Construction Products

• Information available at:
  
  www.bre.co.uk
  (search for ‘Responsible Sourcing’)

  www.greenbooklive.com/BES6001

  e: responsiblesourcing@bre.co.uk
  t: 01483 665184
Questions?