

SUSTAINABLE PROCUREMENT PLAN

This plan sets out a clear framework for the responsible sourcing of materials to guide procurement in the specification and procurement of construction materials.

Aims, objectives and targets

The project team aims to reduce the greenhouse gas emissions resulting from the development as far as reasonably practicable; by ensuring that material choices and construction methodology gives consideration to sustainable procurement principles at both design and construction stages.

A sustainable procurement plan has been developed to demonstrate how this can be achieved through specification and procurement decisions.

What is sustainable procurement?

Sustainable procurement can be taken to mean the consideration of sustainable development within the procurement of products. One of the most recognised ways of demonstrating sustainable procurement is to improve the transparency of the supply chain of the products that are bought.

A common example of this is a CoC or Chain of Custody Certificate. When wood products are procured, they can come with a CoC certificate, this traces the wood from their original forests through all stages of processing and distribution. This is different from an FSC certificate which makes sure that the forest is managed to high standards covering social, environmental and economic issues.

One way of proving your timber is sustainably procured is to provide CoC certificates, collected from the individual suppliers.

On other construction materials, other schemes have been used to demonstrate their sustainable credentials throughout the supply chain. Examples of this are as follows;

- **BES 6001** – This standard was created by the BRE in 2010, by using an independent third party certification scheme against a set framework of criteria, it aims to provide a hallmark which confirms a product has been made with constituent materials which have been responsibly sourced. To find products which are covered by this certification, please see the link below; <http://www.bre.co.uk/page.jsp?id=3569>
- **BS 8902:2009** - BS 8902 provides a framework for the development of sector certification schemes for responsible sourcing of construction products. It gives requirements for the management, development, content and operation of sector certification schemes for

responsible sourcing and supply of construction products. It does so in alignment with the guidance given in BS 8900:2006 Guidance for managing sustainable development.

- **ISO 14001**- This certification can be used to certify a company's Environmental Management System of a specific process.

Risks and opportunities

Risks and opportunities are to be identified at pre-construction stage, and recorded in a tracker. This will be reviewed during tendering and selection processes to ensure sustainable procurement strategies adopted are not inadvertently compromised. Example below;

Ref	Description	Mandatory	Preference	Where Technically Feasibly
CONSTRUCTION PRODUCT MANUFACTURERS				
1.1	All construction product suppliers to have an environmental purchasing policy			
1.2	Implemented full environmental management system e.g. ISO 14001 from a UKAS registered certification body.			
1.3	Responsible sourcing of materials to BES 6001			
1.4	Share best practice, new products & innovation with Bowmer & Kirkland & our supply chain			
1.5	Provide technical information to support any performance related product claims when requested			
1.6	Construction Products to carry CE Mark			
CONSTRUCTION PRODUCT DISTRIBUTERS				
2.1	All construction product distributors to have an environmental purchasing policy			
2.2	Implemented full environmental management system e.g. ISO 14001 from a UKAS registered certification body.			
2.3	Active members of the Supply Chain Sustainability School.			
GLOBAL WARMING POTENTIAL				
3.1	The Global Warming Potential (GWP) of insulants to be less than 5			
VOLATILE ORGANIC COMPOUNDS				
4.1	Use of low or zero VOC paints and sealants			

Policy and Strategy

The key principles of policy for delivering on the commitment to sustainable procurement are as follows;

- Give preference to local suppliers and sub-contractors where practicable
- Implement company policy to procure materials locally where possible
- All timber procured must be FSC/PEFC certified
- Encourage the supply chain to introduce sustainable processes and products.
- Identify opportunities for off-site manufacture and construction of building elements to maximise efficiency and reduce construction waste.
- Integrate materials re-use into the design and management of the project and seek to reuse materials where possible in line with planning and client specification.

- Materials with a high-recycled content will be used as far as possible; materials such as aggregates will be sourced with higher recycled content.
- Waste minimisation and recycling to be in line with site specific waste management plans and in line with the waste hierarchy.
- Strive for zero waste approach to all aspects of construction operations.
- Non-toxic materials will be used where possible and refrigerants with a high global warming potential will be avoided.
- Materials will be durable; products that are specified and sourced will have long life spans, be suitable for use in the high-saline environment, and need minimal maintenance.
- Source in line with **BS 8902:2009** - Responsible sourcing sector certification schemes for construction products, where feasible.
- Implement a preference for natural and highly recyclable materials where possible.

Implementation & Monitoring

To verify that the sustainable procurement plan is being implemented, a number of processes and performance indicators will be adhered to

- The sustainable procurement plan will be reviewed annually to identify opportunities for improvement and principles which require updating.
- The sustainable procurement plan will be circulated to all employees and to the supply chain
- Employees will be encouraged to review consumption of goods and services and to record usage where possible and select products and suppliers with bias toward sustainable and responsible principles.
- Procurement decisions will be evaluated against sustainable procurement principles prior to selection.
- Successful strategies implemented on this scheme will be recorded and circulated to decision makers to inform sustainable procurement strategies in future developments or phases.