The Built Environment Commitment
Delivering low carbon and resource efficiency

“We commit to take action that contributes to a low carbon, resource efficient built environment”

Our targets and objectives are:

**Carbon:**

**Target** - 100% reporting of emissions in line with agreed UKCG protocols (WRAP measuRE Portal)

**Objective** - Be able to measure, record and report carbon output for energy for both operational and office locations

**Proposed method of achieving target** - Mandate robust reporting of energy use via the smartER Reporting Portal

**Water:**

**Target** - 100% compliance with UKCG protocols for water measurement (metering) and reporting (WRAP measuRE Portal)

**Objective** - Be able to measure, record and report water consumption for both operational and office locations

**Proposed method of achieving target** - Mandate reporting of water use (potable water through the mains plus abstracted and tankered water) via the smartER Reporting Portal

**Waste:**

**Target** - Divert at least 90% of construction and demolition (C&D) waste away from landfill, with the aspiration of achieving zero non-hazardous C&D waste to landfill by 2020. Halve construction waste production by 2020 (based on a 2010 baseline of 10.6t/£100k)

**Objective** - Work with UKCG members to achieve the 2020 targets, and ensuring better reporting into the WRAP measuRE Portal
Proposed method of achieving target - Mandate use of SMARTWaste to monitor and record waste prior to transferring onto the WRAP measuRE Portal

**Materials:**

**Target** - 100% of all timber products purchased for either temporary or permanent inclusion in the works on Shepherd Construction Ltd sites shall be certified as legally and sustainably sourced, as defined by the UK Government Central Point of Expertise on Timber (CPET).

**Objective** - Make efficient use of natural resources and promote the use of sustainable materials in particular timber through the adoption of Sustainability and Timber Policies

Proposed method of achieving target - Shepherd Construction Ltd will work to a common reporting method and documentary evidence will be maintained to prove compliance (WRAP measuRE Portal).

Support and give preference to procuring products which are able to demonstrate compliance with a recognised responsible sourcing scheme, certified by a third party, (e.g. ISO14001, BES6001, FSC, PEFC, and EPC)

**Transport:**

**Target** - Reduce the average miles travelled by employees (applicable to project and office based employees alike) against our current SCL 2012-2014 average figure per head of 22,500 miles (based on average head count between 1st April 2012 - 31st March 2014 and actual business miles recorded).

**Objective** - Record all employee travel and transport of construction materials and waste across the business

Proposed method of achieving target - Challenge employees regarding the requirement to travel, alternate methods to be implemented where practicable (V.C., conference calling, PC to PC etc), best practice initiatives to be promoted

Mandate robust reporting of transport via the smartER Reporting Portal

Monitor and record data on transport resulting from the delivery of the materials used in major building elements including insulation materials, ground works and landscaping and transport of construction waste

**In delivering our Commitment we will:**

- Reduce direct emissions from onsite construction and related activities
- Halve construction waste production by 2020, relative to turnover, compared to 2010
• Continue work to reduce the amount of waste sent to landfill, and have set collective targets for 2020.
• Give preference to procuring products which are able to demonstrate compliance with a recognised responsible sourcing scheme, and supplementary commitment on sustainable timber procurement.
• Report use of water (potable water through the mains plus abstracted and tanker water), and continue to take steps to promote effective water management, including use of alternative approaches that negate need for use of potable water in construction.
• Progress will be monitored via reporting data on carbon, waste, timber and water through SMARTWaste (including the smartER Reporting Portal) and the WRAP MeasuRE portal.

Steve Collins
Executive Director of Operations

Glossary

SMARTWaste: SMARTWaste plan is the online tool Shepherd Construction Ltd. use for preparing, implementing and reviewing Site Waste Management Plans (SWMP). Although it is no longer a legal requirement to complete a SWMP, SCL, as a member of the UKCG, will continue to produce SWMPs. We have seen the benefits of producing these, with a significant reduction in the amount of waste sent to landfill.

smartER Reporting Portal: smartER is the integrated environmental reporting tool to SMARTWaste Plan which provides SCL with the ability to capture and monitor onsite energy consumption (electricity, gas, and fuel use), water consumption, transport and the procurement of certified timber.

UKCG: UKCG (UK Contractors Group) is the primary association for contractors and their supply chain partners operating in the UK. Together, UKCG members account for a third of construction output in the UK.

WRAP: WRAP (Waste & Resources Action Programme) WRAP is an independent not-for-profit organisation working with businesses, individuals and communities to achieve a circular economy through helping them reduce waste, develop sustainable products and use resources in an efficient way.

measuRE: measuRE is a flexible tool that covers resource use from construction activities and corporate operations. It uses industry standard reporting protocols and reporting structures including DEFRA’s Environmental Reporting Guidelines, Greening Government Commitments, Scottish Climate Change Declaration and the Encord Carbon Emission Reporting protocol. measuRE replaces the Waste to Landfill Reporting Portal.