BRETT CONCRETE

SUSTAINABILITY & RESPONSIBLE SOURCING

ANNUAL REPORT FOR 2017

Brett Concrete, a leading supplier of ready mixed concrete, floor screed & flowing screed in the South East, is committed to continuously improving social, economic and environmental standards by:

- providing responsibly sourced materials
- reducing green house gas emissions
- protecting the environment and natural resources
- creating sustainable communities

All our production units and offices are externally certified to BS EN ISO 9001 – Quality Management Systems and BS EN ISO 14001 – Environmental Management Systems and the business operates an integrated management system embracing quality, health, safety, environment and sustainability. Brett Concrete is also externally certified to BES 6001 – Framework Standard for the Responsible Sourcing of Construction Products administered by the Building Research Establishment.

Through the introduction of specific policies, measures and targets and by proactively engaging with our stakeholders, Brett Concrete aims to improve the sustainability performance across all aspects of its business. To achieve this aim we will:

- work closely with our suppliers to encourage the responsible sourcing of materials throughout the supply chain and ensure all relevant standards and best practices are maintained
- reduce green house gas emissions by improving the energy efficiency of all plant and equipment and effectively managing our transportation needs
- minimise environmental impacts by reducing waste generated from the production process, using secondary materials where appropriate and conserving natural resources by efficient recycling
- maintain the highest standards of health and safety throughout the workplace and provide training, instruction and supervision to ensure all employees are competent and fully aware of their responsibilities
- be a good neighbour and build trustworthy relationships with our customers, regulatory bodies, relevant authorities and the local community

Brett Concrete is also actively involved in the Resource Energy Action Plan (REAP), a new initiative created by the Sustainable Concrete Forum in partnership with WRAP, BRE and BRMCA to deliver improved resource efficiency across the ready mixed concrete sector's supply chain.

The data in the following tables has been collated in accordance with the requirements of the Concrete Industry Sustainable Construction Performance Indicators and Targets. Specific improvement targets, where appropriate, are established annually by the business based on the previous year's performance.

Brett Concrete
May 2018

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TABLE 1 – Performance Data

Sustainability Principle	Concrete Industry Sustainable Construction Performance Indicators	Brett Concrete Performance Data 2017	Brett Concrete Targets 2018	Concrete Industry Sustainable Construction Targets 2020
Environmental Management	% of production sites covered by an Environmental Management System	100 % via CPC	Maintain level at 100 %	95 % By 2020
Emissions (excluding CO_2)	Number of convictions for air and water emissions per annum	Zero	Maintain level at zero	Zero
Stakeholder Engagement	*The justification for an industry wide measure continues to be evaluated for future reporting*	N/A	N/A	N/A
Quality and Performance	% of production sites covered by a certified ISO 9001 Quality Management System	100 % via QSRMC	Maintain level at 100 %	95 % By 2020
Responsible Sourcing	% of production certified to BES 6001	100 % via CPC	Maintain level at 100 %	95 % By 2020
Energy Efficiency	Kilowatt hours of energy used in production as a proportion of production output (kWh per tonne)	1.90 kWh per tonne	Reduce to 1.85kWh/tonne	Deliver the Industry CO_2 target and achieve sector climate change agreement targets
CO_2 Emissions (Production)	CO_2 emissions as a proportion of production output (kg CO_2 per tonne)	0.59 kg CO_2 per tonne	Reduce to 0.58 kg	Reduce by 30% from 1990 baseline (72.2)
CO_2 Emissions (Transport)	Average delivery distance travelled per tonne (from factory gate to customer and return journey)	1.46 km per tonne	Reduce to 2.50 kg	Additional indicators and targets are still under review
	Tonnes moved split by three modes: road, rail, inland barge	100 % Road		
	Average load size (m^3 and tonnes)	6.64 m^3 15.80 tonnes		
	CO_2 emissions as a proportion of production output (kg CO_2 per tonne)	2.53 kg CO_2 per tonne		
Waste Minimisation	Waste to landfill as a proportion of production output (kg per tonne)	0.083 kg per tonne	Reduce to 0.08 kg per tonne	90 % reduction (0.5 kg per tonne) By 2020

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Table 1 – Performance Data (cont)

Sustainability Principle	Concrete Industry Sustainable Construction Performance Indicators	Brett Concrete Performance Data 2017	Brett Concrete Targets 2018	Concrete Industry Sustainable Construction Targets 2020
Materials Efficiency	% of additional cementitious materials (GGBS, fly ash, etc) as a proportion of total cementitious materials used	41.7%	To exceed 35 % by 2020	35 % By 2020
	Recycled / secondary aggregates as a proportion of total aggregates used	0.0 %	Use if sustainable benefit is proven	No targets have been set as increasing recycled content is not always indicative of sustainable performance
Water	Mains water consumption as a proportion of production output (litres per tonne)	48.8 litres per tonne	Not to exceed a total of 56 litres per tonne	The current water strategy programme will result in targets being in place by 2018
	Controlled water consumption as a proportion of production output (litres per tonne)	7.9 litres per tonne		
Site Stewardship and Biodiversity	% of relevant production sites that have site specific action plans	100 %	Maintain level at 100 %	100 %
Health & Safety	Lost time injuries for direct employees per 1 million hours worked	0 per 1 million hours (0 actual)	Zero	From 2014 to 2019 reduce lost time incidents by 65% aim of zero harm
Employment and Skills	% of employees covered by training and evaluation process	100 %	Maintain level at 100 %	100 %
Local Community	% of relevant sites that have community liaison activities	100 % (1 actual)	Maintain level at 100 % (where applicable)	100 %

N.B, Conversions factors used in calculations are taken from Concrete Industry Guidance on Sustainability Performance Indicators Issue 12 February 2018 Appendix B1.

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Supplementary information relating to Performance Indicators and Targets

CO_2 Emissions (Transport)

- In an effort to further reduce the emissions of CO_2 and other harmful gases such as nitrous oxide from our own delivery transport, all new vehicles are purchased with fuel-efficient automatic gear boxes (as opposed to manual) and Euro VI compliant engines. Additionally, 93% of our delivery vehicles now comprise 8 m^3 mixer drums which has helped increase the average load size delivered every year since the 2015 figure.

CO_2 Emissions (Transport) - continued

- Brett Concrete is actively engaged in FORS (Freight Operator Recognition Scheme) – Transport for London, and has attained Bronze standard, being rated an operator that has met specific targets and is continuing to improve. To help minimise risk of injury to cyclists, motorcyclists and pedestrians, Brett Concrete is also a Champion of CLOCS (Construction Logistics and Cycle Safety) – a construction industry-led initiative set up to protect vulnerable road users.

Waste Minimisation

- Brett Concrete has already achieved the reduction in “waste to landfill” target of 0.5 kg per tonne set by the Concrete Industry Sustainable Construction Strategy for 2020. Very significant progress has been made since reporting and measurements started as we actively encourage all staff to reduce, re-use and recycle waste in all forms wherever possible. The reporting of sustainability data is carried out via our “Measuring Up” system.

Employment and Skills

- All relevant Brett Concrete staff have either achieved or are in engaged in competence based qualifications appropriate to their operational responsibilities and duties. Enrolment commences on completion of a satisfactory probationary period. Qualifications (QCF’s / RQF’s) are determined in accordance with the requirements of the Mineral Products Association “Safer by Competence” scheme operated in conjunction with the Mineral Products Qualifications Council.
- Training and development of all permanent staff is assessed at Performance and Development reviews held annually in conjunction with the respective line managers. Objectives, performance, personal development and career aspirations through appropriate training, diversity and inclusion are discussed and agreed. Mid-term, interim reviews are carried out to check progress.

Local Community

- Brett Concrete records all internal and external environmental and community incidents (including complaints) via the Brett Group Incident Reporting database (IFS). All incidents are investigated and corrective and preventive action taken as deemed necessary. During 2017, 2 external complaints were received which were dealt with promptly and efficiently to the satisfaction of the respective members of the community.
- Brett Concrete is a subsidiary of the parent company, Robert Brett and Sons, a Kent based family-owned construction materials business established over 100 years ago. It actively encourages the use local suppliers and labour wherever practical and possible.

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2017 Performance commentary:

LTIFR: our LTIFR rate showed a great improvement as we reduced this to zero in 2017.

Energy efficiency: This indicator increased above the 2016 value being affected by increased production from central mixer plants that we have installed to meet modern concrete production requirements.

CO_2 emissions (Production): this measure improved against our 2016 figure.

CO_2 emissions (Transport): this measure improved against our 2016 figure

Waste minimisation: whilst we made improvements in reporting waste figures, this measure improved against our 2016 figure and we remain well below the CISCF 2020 target of 0.5kg/tonne.

Mains water consumption: this measure showed a reduced consumption of mains water reduced in comparison to the 2016 figure.

Materials efficiency: our percentage of additional cementitious materials used in our concretes increased above the CISCF target of 35% by 2020 to its highest level since reporting started at 41.7%.

TABLE 2 – Supplementary Transport Data for Constituent Materials

Sustainability Principle	Constituent Material Delivery Details	Brett Concrete Performance Data 2017
CO_2 Emissions (Transport)	Delivery distance travelled per tonne (from supplier to Brett Concrete) as a proportion of total usage (km per tonne)	1.29 km per tonne (road) 0.20 km per tonne (sea)
	Tonnes moved split by three modes: road, rail, sea	91 % (road) 9 % (sea)
	Average load for each mode (tonnes)	29.85 tonnes (road) 3667 tonnes (sea)
	CO_2 emissions as a proportion of production output (kg CO2 per tonne)	1.18 kg per tonne