

SUSTAINABILITY & RESPONSIBLE SOURCING

ANNUAL REPORT FOR 2023

Brett Concrete, a leading supplier of ready mixed concrete, traditional & 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 outcome 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), an 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.

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TABLE 1 – Performance Data

Sustainability Principle	Concrete Industry Sustainable Construction Performance Indicators	Brett Concrete Performance Data 2023	Brett Concrete Targets 2024	Concrete Industry Sustainable Construction Targets 2024
Environmental Management	% of production sites covered by an Environmental Management System	100 % via CPC	Maintain level at 100 %	100%
Emissions (excluding CO ₂)	Number of convictions for air and water emissions per annum	Zero	Maintain level at zero	Zero
Stakeholder Engagement	<i>The justification for an industry wide measure continues to be evaluated for future reporting</i>	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 %	100%
Responsible Sourcing	% of production certified to BES 6001	100 % via CPC	Maintain level at 100 %	100%
Energy Efficiency	Kilowatt hours of energy used in production as a proportion of production output (kWh per tonne)	1.32	Not to exceed 1.2kWh/tonne	132.1kWh/t baseline
CO ₂ Emissions (Production)	CO ₂ emissions as a proportion of production output (kg CO ₂ per tonne)	0.28	Not to exceed 0.30 kg	102.6kg/t baseline figure
CO ₂ Emissions (Transport)	Average delivery distance travelled per tonne (from factory gate to customer and return journey) km/tonne	1.58	Not to exceed 2.70 kg	7.2kg/t baseline
	Tonnes (%) moved by three modes: road	100%		
	rail	0%		
	Inland barge	0%		
	Average load size (m ³ and tonnes)	6.70 15.94		
	CO ₂ emissions as a proportion of production output (kg CO ₂ per tonne)	2.69		
Waste Minimisation	Waste to landfill as a proportion of production output (kg per tonne)	0.066 kg per tonne	Not to exceed 0.03 kg per tonne	5kg/t baseline

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Table 1 – Performance Data (cont)

Sustainability Principle	Concrete Industry Sustainable Construction Performance Indicators	Brett Concrete Performance Data 2023	Brett Concrete Targets 2024	Concrete Industry Sustainable Construction Targets 2024
Materials Efficiency	% of additional cementitious materials (GGBS, fly ash, etc) as a proportion of total cementitious materials used	20.68	We exceeded 35% by 2020	No target now exists
	Recycled / secondary aggregates as a proportion of total aggregates used	0.00%	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)	59.5 litres per tonne	Target not to exceed 45.4 litres per tonne (mains)	86L/t baseline
	Controlled water (Borehole) consumption as a proportion of production output (litres per tonne)	7.8 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%	Maintain level at 100 % (where applicable)	100%

N.B, Conversions factors used in calculations are taken from Defra conversions factors 2023.

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Supplementary information relating to Performance Indicators and Targets

CO₂ Emissions (Transport)

- In an effort to further reduce the emissions of CO₂ 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, 100% of our delivery vehicles now comprise 8 m³ mixer drums.

Waste Minimisation

- Increasing customer demand for additional products that have significant packaging meant that our “waste to landfill” target for 2023 was not achieved. We continue to monitor and report this sustainability data via our “Measuring Up” system.

Employment and Skills

- All relevant Brett Concrete staff have either achieved or are engaged in achieving competence 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, corrective and preventive action is then taken as deemed necessary.
- During 2023, no external complaints were from members of the general public.
- Brett Concrete is a subsidiary of the parent company, Robert Brett and Sons, a Kent based family-owned construction materials business which in 2019 reached the milestone of having traded for 110 years. The Brett group actively encourages the use of local suppliers and labour wherever practical and possible.

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2023 Performance commentary:

Another challenging year as a result of pressure on supply chains and difficulties caused by material availability. This affected our ability to achieve our target values and as a consequence we have not achieved reductions against all of our 2023 target values.

LTIFR: our LTIFR rate was excellent in 2023 as we suffered no lost time injuries.

Energy efficiency: We achieved 1.32 kWh/tonne which was above our 2023 target of 1.20kWh/tonne, this was not helped by a reduction in production volume due to the general downturn in construction industry activity during the latter part of 2023.

CO₂ emissions (Production): We achieved 0.28 kg/tonne of CO₂, we therefore achieved our target not to exceed a figure of 0.30 kg/tonne of CO₂.

CO₂ emissions (Transport): We achieved a figure of 2.69kg of CO₂ per tonne of road delivery which is below our target of 2.7kg/tonnes per kg. This is a reflection of the changes in delivered load size and travelling distances.

Waste minimisation: waste to landfill continues to be a challenge due to customer demands for additive products that are delivered with significant packaging for disposal but we exceeded our 2023 target but remain well below the industry baseline figure of 0.5kg/tonne having achieved 0.066kg/tonne. 2023 performance is mainly due to the increase in additional product usage that has significant packaging required to protect the material until it is combined into a concrete mix.

Mains Water usage: our mains water usage 59.5L/tonne exceeded our 2023 target figure of 45.4L/tonne but the result remains below the industry baseline figure of 86L/tonne.

Materials efficiency: our percentage of additional cementitious materials was 20.68% for 2023.

We continue to monitor these indicators using our measuring up procedures in the absence of any targets from industry bodies and set out own internal targets aiming for continual improvement.

General: We produced 630 metres of Earth Friendly Concrete that contained no CEM I. We have also been able to respond to customers' specifications that require the supply of low embodied CO₂ concrete.

TABLE 2 – Supplementary Transport Data for Constituent Materials

Sustainability Principle	Constituent Material Delivery Details	Brett Concrete Performance Data 2023
CO ₂ Emissions (Transport)	Delivery distance travelled per tonne (from supplier to Brett Concrete) as a proportion of total usage (km per tonne) - by road	1.51
	Average delivery distance travelled per tonne of material as a proportion of total delivered usage (By Sea)	0.23
	Tonnes (%) moved by road	84.51
	Tonnes (%) moved by rail	0.0
	Tonnes (%) moved by sea	15.49
	Average load by road (tonnes)	30
	Average load by sea (tonnes)	2075.5
	CO ₂ emissions as a proportion of production output (kg CO ₂ per tonne)	1.19