

Environmental & Responsible Sourcing Annual Report for 2019

This is our fourth annual sustainability report. We have numerous key performance indicators where we intend to measure our progress and set improvement objectives and targets for the coming years. We have benchmarked our current and future aspirations against our industry sector and have independently verified our data and information.

Supreme understands it has a responsibility to consider the operating carbon impact of all the activities associated with concrete manufacturing and transportation of its products.

We are committed to the protection of the environment, including prevention of pollution, and conducting our production operations in an environmentally responsible manner.

The company has a documented Environmental Management System (EMS), which is certified by BSI as being compliant with the requirements of the international EMS standard BS EN ISO 14001. Our EMS provides a framework for Supreme to reduce its negative impact on the environment by ensuring compliance with all relevant legislation and compliance obligations, minimising pollution risks and committing to continually improve environmental performance.

Supreme commits to undertake the following:

- Identify and minimise environmental risks.
- Maximise the efficient use of resources including energy and water use.
- Minimise the emissions of greenhouse gases associated with our operations.
- Minimise waste.
- Identify efficiency savings.
- Help employees become aware of environmental issues.

Supreme Concrete is committed to operate to the principles of responsible sourcing and sustainable development and recognises that BES 6001 “Framework Standard for Responsible sourcing of Construction Products” provides an appropriate framework for structuring its operations and demonstrating performance to stakeholders. Supreme gained certification to BES 6001 (by BSI) in January 2017.

In 2019, Supreme Concrete closed one manufacturing facility.

Our Commitments to Continual Improvement during 2019



Quality Management System

- Maintain 100% certification to ISO 9001 across the whole business.
- Measure and manage the quality of our products at all locations.
- We will aim to understand our customer feedback and complaints, and look to address root cause.



Environmental Management System

- Maintain 100% certification to ISO 14001:2004 across the whole business.
- Continue to ensure that we minimise our environmental impacts on the environment and do not undertake environmentally harmful action.



BES 6001 Responsible Sourcing

- Implement the concept of Responsible Sourcing and make it a key part of all areas of our business.
- NEW: Istock Plc launched their new Sustainability Roadmap in September 2019 – this sets out several sustainability commitments and targets to achieve by 2025. See website link <https://www.istockplc.co.uk/sustainability>



Energy Management

- Maintain below the British Precast (BPCF) target for total energy used (kWh per tonne of production).
- Strive to reduce our energy across our business, with new and updated equipment being replaced with energy efficient alternatives.



Carbon Management

- Maintain below the British Precast (BPCF) target for CO₂ emissions (kg CO₂ per tonne of production).
- Continue to monitor and measure levels based on analysis of purchased energy and transport within our business and supply chain.



Water Management

- Maintain below the British Precast (BPCF) target for mains water usage (litres per tonne of production).
- Continue to monitor and measure mains water usage at site level and where possible, reduce our water consumption further.
- UPDATE: Although we had a slight reduction in consumption levels to the previous year, we were still higher compared to the 2018 BPCF indicator. Due to H&S and EMS operational controls, more mains water is being used for dust suppression (from dry aggregates and to eliminate 'dry sweeping' practices).



Waste Management

- Choose providers, where commercially practicable, who limit or actively reduce waste to landfill.
- Continue to segregate waste on sites, where practicable, to assist in landfill avoidance.
- UPDATE: It is still a challenge to collect exact landfill data where some general waste is mixed with recyclables. However, we are still reviewing current practices in order to get closer to the BPCF indicator.



Transport Management - Delivered Product

- Exceed the British Precast (BPCF) target for delivery mileage and optimising loads (average km per delivery; average tonnes per delivery).
- Continue to use customer management and transport planning to improve and optimise haulage routing and delivered product loads.



Employee Training & Development

- Exceed the British Precast (BPCF) target for training hours per employee.
- UPDATE: Since our increased investment in training in 2017, we were lower than the BPCF indicator for 2018. This may also be due to some under-reporting. However, we continue to train our employees to the highest standards for operational needs.



Local Communities

- Continue to encourage dialog and engagement with stakeholders and local communities where our business operates.
- Continue with a target of no environmental or regulatory breaches in any given period.
- UPDATE: Supreme raised £6,647 from a variety of charitable donations and events.



Health & Safety Management

- All sites will operate to company Health & Safety Management System.
- All sites will be audited each year to ensure compliance to legal and other requirements, and for continual development.
- Continue to monitor and measure metrics for safety concerns and incident reporting, and ensure the highest levels of welfare and training.

Supreme Concrete Metrics Summary for 2019

Metric	Unit of Measure	2015 Verified Data ¹	2016 Verified Data ¹	2017 Verified Data ¹	2018 Verified Data ¹	2019 Unverified Data ²	2018 BPCF Indicator	Supreme 2019-20 Target
Quality	Sites operating a QMS certified to ISO 9001 (%)	100	100	100	100	100	93	Remain at 100%
Environmental	Sites operating an EMS certified to ISO 14001 (%)	100	100	100	100	100	90	Remain at 100%
Responsible Sourcing	Sites certified to BES 6001 (%)	0	0	100	100	100	76	Remain at 100%
Total Energy Use	kWh/tonne	25.3	27.57	29.29	33.02	33.39	44.49	Maintain below BPCF target
Total Carbon Dioxide (CO ₂)	kg CO ₂ /tonne	8.7	8.84	8.67	8.85	8.64	10	Maintain below BPCF target
Mains Water	litres/tonne	75.46	131.19	88.61	85.7	80.8	71.7	Targeted reduction to meet BPCF target
Waste to Landfill	kg/tonne	4.8	2.17	0.41	0.36	0.17	0.25	Targeted reduction to meet BPCF target
Transport of Delivered Product	Average km/delivery	138	136.8	138.6	132.2	136.4 ³	102.2	Exceed BPCF target
	Average tonne/delivery	20.9	20.48	20.95	18.97	20.33 ³	18.32	Exceed BPCF target
Employee Training	hrs/FTE	15.9	31.3	20.4	8.3	2.2	22.8	Exceed BPCF target
Local Communities	Sites operating local community liaison schemes (%)	0	0	0	0	0	22.9	[Assessments indicate scheme not required]
	Environmental (site) convictions for air and water emissions	0	0	0	0	0	0	Maintain at zero
	Sponsorship/ charitable donation (£)	0	£406	£280	£6,647	£2,924	N/a	No target
Health & Safety	Sites operating a HSMS (%)	100 (not certified to OHAS 18001)	100 (not certified to OHAS 18001)	100 (not certified to OHAS 18001)	100 (not certified to ISO 45001)	100 (not certified to ISO 45001)	Not declared	Remain at 100%

Data ¹ - Independently verified data by BPCF

Data ² - At time of publication, not verified by BPCF

³ - At time of publication, data was estimated

Greenhouse Gas Report 2019

Reporting Period

1st January 2019 to 31st December 2019

Organisational Boundary

We have used the financial control approach.

Operational Scopes

We have measured our Scope 1 and 2 emissions. We have not carried out sufficient measuring of Scope 3 emissions to report on.

Base Year

We have a fixed base year of 2014. We chose this year as it was the first year for which we considered we had reliable data and it was typical in respect of our operations.

External Assurance Statement

As part of Ibstock PLC, Supreme's data has been collated with the other members of Ibstock PLC, and we have received an independent external assurance statement from Lucideon CICS Limited. The assurance statement is available on request.

Carbon Offsets

We have not purchased any carbon credits (which reduce our GHG emissions).

GHG emissions summary for 2017

Metric	Unit of Measure	2014 Data (base year)	2015 Data	2016 Data	2017 Data	2018 Data	2019 Data	Supreme 2018-20 Target
Scope 1								
Gas Oil Process Consumption	tonnes CO ₂ e	976.5	845.1	993.5	1053.1	1295.1	1112.1	Reduce by 10% (to base year)
Kerosene Process Consumption	tonnes CO ₂ e	136.1	109.5	137.3	168.6	171.4	224.9	Reduce by 10% (to base year)
Leased Transport (Diesel)	tonnes CO ₂ e	Not calculated	125.5	140.6	140.3	146.3	166.2	No current target
Scope 1 Total	tonnes CO₂e	1112.6	1080.1	1271.4	1362.0	1612.8	1503.2	
Scope 2								
Purchased Electricity	tonnes CO ₂ e	1182.7	968.6	924.4	813.0	642.1	523.7	Reduce by 10% (to base year)
Scope 2 Total	tonnes CO₂e	1182.7	968.6	924.4	924.4	924.4	523.7	
Scope 3		Not calculated	Not calculated	Not calculated	Not calculated	Not calculated	Not calculated	Ongoing review to measure Scope 3 emissions
Total Gross Emissions	Global tonnes of CO₂e	2295.3	2048.7	2195.8	2286.4	2537.2	2027.0	Reduce by 10% (to base year)
Outside of Scopes								
Forecourt Diesel (average biofuel blend)	tonnes CO ₂	Not calculated	4.2	3.3	3.6	3.2	5.6	No current target
Outside of Scopes Total	tonnes CO₂	Not calculated	4.2	3.3	3.6	3.2	5.6	