



SUSTAINABILITY REPORT & KEY PERFORMANCE INDICATOR STRATEGY 2024

Directors Statement

Stowell Concrete is an independent family run business located in the heart of Somerset that specialises in the manufacturing of high-quality concrete products. With over 60 years of experience and deliveries across Great Britain, we have established a leading position within our industry and continue to grow. Our dependable service, dedicated philosophy and quality products make us proud of what we do.

We operate at three sites in the Southwest of England. In 2023, between these sites, we processed over 200,000 tonnes of aggregate and made over 240,000 tonnes of precast concrete.

We are very aware of how this impacts the local environment and are committed to minimising and mitigating our footprint on the environment. We are constantly striving to make improvements to our surroundings and local communities where we can.

Our aim is to try to achieve Net Zero Carbon Emissions by 2050 in partnership with the Mineral Products Association and we are already working towards this goal.

Vincent Stowell, Managing Director. 15th May 2024.

Our Products:

Stowell Concrete manufactures Blocks, Slab, Kerb, Block paving, Common bricks, Tumbled stone, Tbeams, Coursing bricks, Wetcast products, Solar Ballast Blocks.

What we have achieved so far up to 2024:

Recycling 90% of our process water at our Yatton works.

Replacing cement with Beneficiated Fly Ash (recycled product) in the following products: Blocks = 9.7%, Flag & Kerb = 18.6% and Block Paving & Bricks = 6.3%.

ISO14001 accredited to all our sites as well as UKCA accreditation for our products.

Installing Siltbusters at our Yatton and Holcombe works, that clean our process water before release.

Installing over 4,000 solar panels on two buildings in our Yatton works and at our Holcombe works.

Replacing 12% of our mobile plant with electric vehicles.

Replacing with LED lighting - 75% of our Yatton yard, 20% of our Holcombe yard & 10% of our Shiphams yard. 95% of our Yatton buildings, 70% of our Holcombe buildings & 20% of our Shiphams buildings.

We are currently working on obtaining our BES6001 accreditation.

Our future goals for 2024 onwards:

Research increasing recycled materials into our existing products without affecting quality or reliability.

Increase our solar power usage by installing solar batteries at our Yatton works during 2024 and invest in increasing our fleet of electric mobile plant across all our works.

Roll out our new Biodiversity Plan across all our Works by such means as planting more trees at our Yatton works and installing bird boxes and bat boxes at our Yatton and Holcombe works.

Work on creating EPD's for our products as well as continually looking to improve environmental performance throughout the life cycle of our products, in conjunction with the Mineral Products Association.

Research low carbon cement alternatives, hydrogen fuel and carbon capture.

Work with the Mineral Products Association to achieve Vision Zero Safer by Competence Health and Safety, within our workforce through training and education.

Assess our Suppliers against our Responsible Sourcing goals.

Roll out our Human Rights & Modern Slavery Policy and training to all our stakeholders during 2024.

Install a crusher at our Yatton works to recycle and re-use our waste concrete product in-house by 2025.

Specific KPI goals:

We have calculated and verified our Sustainability data for 2023 and have set new targets for 2025:

Fossil Fuels used per tonne of Product:

2021 = 1.96 kwh per tonne. 2023 = 2.25 kwh per tonne. 2025 Goal = 1.80 kwh per tonne.

Electricity used per tonne of Product:

2021 = 1.89 kwh per tonne. 2023 = 1.25 kwh per tonne. 2025 Goal = 1.0 kwh per tonne.

Energy Usage per tonne of Product:

2021 = 12.7 kwh per tonne. 2023 = 17.3 kwh per tonne. 2025 Goal = 12.0 kwh per tonne.

2021 = 3.85 CO² per tonne. 2023 = 3.49 CO² per tonne 2025 Goal = 2.80 CO² per tonne

Solar Energy Used across all sites:

2021 = 0% 2023 = 33% 2025 Goal = 50%

Secondary Aggregate per tonne of Product:

2021 = 0.3% 2023 = 0.6% 2025 Goal = 3%

Waste created per tonne of Product:

2021 = 12.0 kg per tonne. 2023 = 14.2 kg per tonne. 2025 Goal = 11.0 kg per tonne.

Packaging waste per tonne of Product:

2021 = 0.22% 2023 = 0.17% 2025 Goal = 0.15%

Mains water used per tonne of Product:

2021 = 56 litres per tonne. 2023 = 51 litres per tonne. 2025 Goal = 45 litres per tonne.

Employee Training – hours per employee:

2021 = 5 hours. 2023 = 7 hours. 2025 Goal = 9 hours.

Electric mobile plant purchased:

2021 = 3 vehicles 2023 = 5 vehicles. 2025 Goal = purchase 6 vehicles.

Lost Time Accidents:

2021 = 5 2023 = 4 2025 Goal = Zero

This report will be updated annually.