

## Sustainability Performance Update 2018

In our last Environmental Report, we documented that a key success was the introduction of a number of sustainability KPIs aligned to our industry body, the Brick Development Association. Whilst our performance continues to improve through energy efficiency investment, the costs we pay for energy in particular green taxes, fixed and pass through charges, continue to rise significantly above inflation year-on-year.

The KPI we have set for a 5% reduction by 2020 of CO<sub>2</sub> per tonne of bricks set remains on target based on baseline year and at the end of 2018 we are circa 1% below the baseline target. As a business we have launched our Sustainability Roadmap 2025 and committed to a minimum of 15% reduction in CO<sub>2</sub> by 2025 based on a 2015 baseline year.

The KPI for a 10% reduction in metered water consumption by 2016 based on the baseline year of 2011 was not achieved. However, in 2018 we achieved a 13% reduction from the baseline year. Throughout the period we have invested time and resources into improving how we measure and record water usage, these improvements have led to a greater accuracy of reported figures. As a business we have launched our Sustainability Roadmap 2025 and committed to a minimum of 5% reduction by 2025 based on a 2015 baseline year.

The KPI for a 10% increase in recycled content by 2020 based on baseline year remains firmly on target and at the end of 2017 we are circa 16%.

The KPI for a 60% reduction in quantity of waste per 1000 tonne of bricks set by 2020 based on baseline year remains on target and at the end of 2018 we are circa 39%. As a business we have launched our Sustainability Roadmap 2025 and committed to Zero Waste to Landfill by 2022.

- Gas and production material tonnages are verified externally annually as part of the EU ETS (European Union Emissions Trading Scheme) or UK Opt Out Scheme.
- Electricity is checked annually as part of the requirements of CCA (Climate Change Agreement) which is recorded and managed by the BCC (British Ceramic Confederation).
- Water information is based on invoices.
- Waste is predominately estimated using information from waste companies and local knowledge.

### Environmental General

During 2018 all Ibstock manufacturing sites continued to be compliant with ISO 14001, ISO 50001, ISO 9001 and BES 6001 where we maintained our "Excellent" status. All of these systems are assessed by independent third party inspections. The responsibility for our energy and environmental systems lies with the Continual Improvement and Sustainability Director.

In 2018 we continued to maintain the supplier assessment scheme to assist us in maintaining high environmental and quality standards down the supply chain. The scheme is also being used to encourage those suppliers who do not currently hold relevant certification to implement formalised systems gaining accreditations where appropriate.

Over and above this we continue to monitor progress on the following:

Area	2017 Performance and Comments
Recycling and use of non-mains water	≥ 395,000 ltrs – this has increased by circa 4% in 2018 compared to 380,000 litres 2017 due to a better understanding of water flows and improved internal metering systems
Recycling of oils	≥ 47,000 ltrs – this can vary year-on-year depending on maintenance schedules
Recycling of wood	≥ 250 te - this can vary year-on-year depending on production needs
Recycling of metals	≥ 610 te - this can vary year-on-year depending on production needs
Complaints and incidents as part of ISO14001	22 complaints (10 - 2017) and 23 (20 - 2017) incidents were recorded against our factories. All were dealt with in accordance with our system requirements.
ISO 14001 internal audit performance	3.40 - The company uses a risk based approach to auditing. Using a scoring system of 0 to 5 with 0 being an unacceptable performance and 5 being the highest possible performance. This equates to a 1% setback compared to 2017.
Training	Total 5,262 days including apprentice training, leadership and internal H&S and environmental training. The total number was broadly in line with 2017 numbers.
Transport	Brick delivery average miles = 74.1 which is consistent with 2017. Company car driver training includes fuel efficiency and H&S. Car fleet limited to diesel < 130g CO <sub>2</sub> / Litre. Car fleet now includes several plug in Hybrid models and electric cars. Conference calls & remote auditing to reduce Company car miles.
Local community	4 active community liaison committees, 11 open days, 28 educational visits to factories (schools / colleges / universities), 31 others, this is a combination of local football teams, donation of bricks, money and other clay products. Ibstock has a number of woodland management plans' and 13 Biodiversity/Geodiversity plans in place.
Apprenticeships	On our current programme we have 39 apprentices, 9 new apprentices joined in 2018 including 3 female engineering apprentices. We have 8 signed-off in full-time positions (4 electrical and 4 mechanical).