



# SUSTAINABILITY UPDATE





### INTRODUCTION FROM THE CEO

# WELCOME TO OUR SUSTAINABILITY UPDATE

**At Forterra our purpose is to keep Britain building. Our products help to create homes, communities and infrastructure which will last for generations. The continued achievement of this goal will only be possible through attaining the highest standards of stewardship of our natural resources, care for our planet, and the support of our employees and society.**

I'm pleased to report that over the last five years our carbon emissions intensity (per tonne of production) has reduced by 10%, with corresponding reductions in mains water usage, and waste to landfill of 27%, and 57% respectively.

It is now over ten years since our flagship Measham brick facility in Leicestershire was commissioned. Measham produced more than 100m Ecostock bricks in 2019 and these are now at the forefront of our offer. Our commitment to investing in highly energy efficient facilities is continuing with our new Desford brick facility, due to commence commissioning in 2022.

The humble clay brick has stood the test of time due to its versatility, reliability and robustness as a cladding material built to last. But we also recognise our markets are evolving and seeking increased offsite solutions via modern methods of construction, focused on low wastage and efficient speed of build. In 2019 we launched a number of offsite walling products including our SureBrick façade system, integrated brick faced concrete panels, and the Quickwall system, providing alternative solutions to traditional construction.

Turning to our operations, we have now completed the conversion of our entire aircrete block operations to enable the use of conditioned fuel ash, a reclaimed material stockpiled across UK power stations which ensures that we continue to minimise the use of virgin materials in one of our most sustainable products.

The support of our employees and local communities is critical to our achievements. In 2019 our investment in the next generation of our people saw apprentice and graduate numbers rise further to 38, and 55 employees have now undertaken our expanded leadership development programme. Our community and charity focus has included skills collaboration with 10 brick colleges, and the support of a community build project in Malawi.

The Covid-19 pandemic has brought huge challenges to the business. However, I can reflect with pride on both our commitment to the health, safety and wellbeing of our employees over this difficult time, and also our collective spirit and drive in adapting to this changing environment.

I believe that now, more than ever, is the right time to increase our ambitions and accelerate our progress on sustainability. Introduced in the 2019 annual report, our three sustainability pillars of People, Planet and Product will guide our future decision making, and I have recently commissioned specific task-force groups focused on key priorities of renewable energy investment, carbon emissions, and plastic packaging reduction.

I look forward to communicating our new challenging targets in more detail in early 2021, and hope you enjoy the following pages of this update which further highlight some of our sustainability credentials and recent achievements.

Stephen Harrison  
Chief Executive Forterra plc



## KEEPING BRITAIN BUILDING

# PEOPLE

We care about the **health, safety** and **wellbeing** of **our people, their families** and the **communities** we work within.



WE HAVE INVESTED IN OVER  
**3800**  
HOURS OF HEALTH  
& SAFETY TRAINING

OUR GRADUATE, APPRENTICE  
AND FURTHER EDUCATION  
DEVELOPMENT PROGRAMMES  
CURRENTLY SUPPORT  
**38**  
STAFF  
MEMBERS

WE HAVE SUPPORTED OVER  
**50**  
COMMUNITY AND  
CHARITY PROJECTS

WE HAVE DONATED OVER  
**80,000**  
BRICKS TO VOCATIONAL  
COLLEGES,  
SUPPORTING THE  
NEXT GENERATION  
OF SKILLED  
WORKERS

OUR BEST PRACTICE AWARDS  
CONTINUE TO RECOGNISE THE  
DETERMINATION OF OUR PEOPLE  
TO CONTINUALLY IMPROVE

“ Did you realise... over 300 of our employees have more than 25 years service ”



KEEPING BRITAIN BUILDING

# PLANET

We aspire to positively impacting our planet, **creating a better environment for future generations** to inherit.



WE ARE COMMITTED TO REMOVING ALL UNNECESSARY PLASTIC PACKAGING FROM OUR PRODUCTS, TARGETING ONE THIRD OF OUR BRICK SHIPMENTS DURING 2021

**1/3<sup>RD</sup>**



OUR THERMALITE BLOCKS NOW USE RECLAIMED ASH, REDUCING OUR RELIANCE ON FUTURE CARBON PRODUCING POWER GENERATION



UPGRADING OUR FLEET TO **EURO 6** AND IMPLEMENTING IMPROVED TELEMATICS TO REDUCE MILEAGE AND CARBON EMISSIONS

SINCE 2015 WE'VE RESTORED LAND IN FOUR OF OUR QUARRIES TO PROVIDE NEW HABITATS FOR WILDLIFE



INTRODUCING SIGN ON GLASS AND E-ORDER ACKNOWLEDGMENTS HAS REMOVED OVER

**170,000**  
PRINTED DOCUMENTS



“ Did you realise...our active quarries cover over 385 acres and we're committed to restoring this land for future community use ”



KEEPING BRITAIN BUILDING

# PRODUCT

Our products build and **enhance communities**, we continue to **develop new innovative** and **sustainable solutions**.




WE'RE INTRODUCING  
**NEW FAÇADE SOLUTIONS**  
FOR SAFE USE ON  
HIGH-RISE BUILDINGS

WE'RE TAKING CONSTRUCTION  
OFFSITE WITH OUR  
**BRICK FACED  
PRECAST  
PANELS**



WE ARE INVESTING  
**£95M**  
IN NEW BRICK FACILITIES WITH  
IMPROVED ENERGY EFFICIENCY



WE LAUNCHED  
**QUICKWALL**  
AN AESTHETIC OFFSITE  
SOLUTION FOR FLOOD  
DEFENCE PROJECTS



WE ARE  
ACTIVELY  
ADAPTING OUR  
CORE PRODUCTS  
TO REDUCE THEIR  
**CARBON  
IMPACT**

“ Did you realise... our aggregate blocks annually utilise in excess of 100,000 tonnes of recycled process waste from other products manufactured across the group ”



KEEPING BRITAIN BUILDING

Forterra is a leading manufacturer of a diverse range of clay and concrete building products, used extensively within the construction sector, and employs over 1,800 people across 18 manufacturing facilities in the UK.

It is the second largest brick and aircrete block manufacturer in the country and the only producer of the iconic London Brick. Other trusted brands from Forterra include Thermalite, Conbloc, Ecostock, Butterley, Cradley, Red Bank, Bison Precast, Jetfloor and Formpave.

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