

PPN 06/21

CARBON REDUCTION PLAN

Supplier Name
Holcim UK Limited

Publication Date
June 2025

This Carbon Reduction Plan captures the operations of Holcim UK Limited and all its subsidiaries.

INTRODUCTION

Holcim UK is one of the UK's leading construction materials suppliers. We're at the frontline of the construction industry, producing and supplying an array of construction materials. With over 200 sites and 4,000 dedicated employees, we're home to everything from aggregates, asphalt, ready-mixed concrete, cement, mortar and precast concrete products. On top of that, we produce, import and supply construction materials, export aggregates and carry out national road surfacing and contracting services.

We are very conscious of our impact on the environment and are transitioning our business to play a significant role in the decarbonisation of the construction sector. Sustainability has long been at the heart of our business, from our values to our vision and is one of our strategic pillars and our people are leading a transformation of the construction industry to a more sustainable future.

**WE HAVE A
WELL DEVELOPED
SUSTAINABLE
PRODUCT RANGE**

ECOCycle

Products contain 10% to 100% recycled construction demolition materials with no compromise on performance.

ECOPlanet

Green cement, reduces cement emissions by 30%.

ECOPact

The world's broadest range of low-carbon concrete.

OUR COMMITMENT TO NET ZERO

We are a progressive, future-facing business focused on making sustainable construction a reality.

Our Sustainability Strategy has three focus areas - decarbonisation, circularity and nature - central to driving our business, providing clear milestones and measurable results along the way.

DECARBONISATION



Becoming a **Net Zero** organisation by 2050

CIRCULARITY



Over **40%** turnover from sustainable products by 2030

NATURE



Supporting a **Nature Positive** future

It is accepted that climate change is happening as the world is facing significant global challenges, including those related to the climate. We are reviewing every aspect of the way we do business and we are working with our customers and industry partners to accelerate green construction in the UK.

In 2023 we launched a 1.5°C Science-Based, [Net Zero Roadmap](#) setting short and long-term reduction targets across all of Holcim UK's operations. Detailed performance data against these targets can be found in our [annual sustainability reports](#) alongside further information and case studies on the work we are doing to achieve these targets.

Continued

Our plans are fully aligned with our owner Holcim Group, who were the first building materials supplier in the world to sign up to the Science Based Targets initiative's (STBi) 'Business Ambition for 1.5°C' demonstrating a genuine desire to achieve real and lasting change in protecting the environment.



BASELINE EMISSIONS FOOTPRINT

WE PROVIDE OUR BASELINE EMISSIONS FOR 2020 ALONGSIDE OUR LATEST 2024 EMISSIONS

* Figures revised from 2020 report to include a broader set of scope 3 emissions:

- Category 1 Purchased goods and services
- Category 2 Capital goods
- Category 3 Fuel- and energy-related activities
- Category 4 Upstream transportation and distribution
- Category 5 Waste generated in operations
- Category 6 Business travel
- Category 7 Employee commuting
- Category 8 Upstream leased assets
- Category 9 Downstream transportation and distribution
- Category 10 Processing of sold products
- Category 12 End-of-life treatment of sold products

Where are we now?

An important part of understanding how we can reduce emissions is to measure what is currently emitted from our operations, on the basis that “what gets measured gets managed”. We have calculated our emissions using the Department of Environment, Food and Rural Affairs (DEFRA) conversion factors.

Baseline Year: 2020

Additional Details relating to the Baseline Emissions calculations

Our baseline year is 2020 as we have not previously calculated our scope 3 emissions as required by PPN 06/21.

Our upstream emissions include fuels and raw materials used in the manufacturing of our products from external suppliers. Our downstream calculations also include inter unit transfers of our aggregates and cement supplied to our own factories.

Baseline year emissions

Emissions	TOTAL (tCO ₂ e)
Scope 1 Includes liquid fuels, gases, waste derived fuels (WDF)	1,126,088
Scope 2	67,171
Scope 3 Including scope 3 categories 1-10 & 12	972,383*
Total Emissions (tonnes)	2,165,642

2024 emissions

Emissions	TOTAL (tCO ₂ e)
Scope 1 Includes liquid fuels, gases, waste derived fuels (WDF)	552,861
Scope 2	46,004
Scope 3 Including scope 3 categories 1-10 & 12	1,152,465
Total Emissions (tonnes)	1,751,330

CARBON INTENSITY

We measure our carbon using an intensity metric whereby we measure the kilograms of CO₂ equivalent per tonne of product.

WE EXPRESS THIS
AS KGCO₂E/TONNE

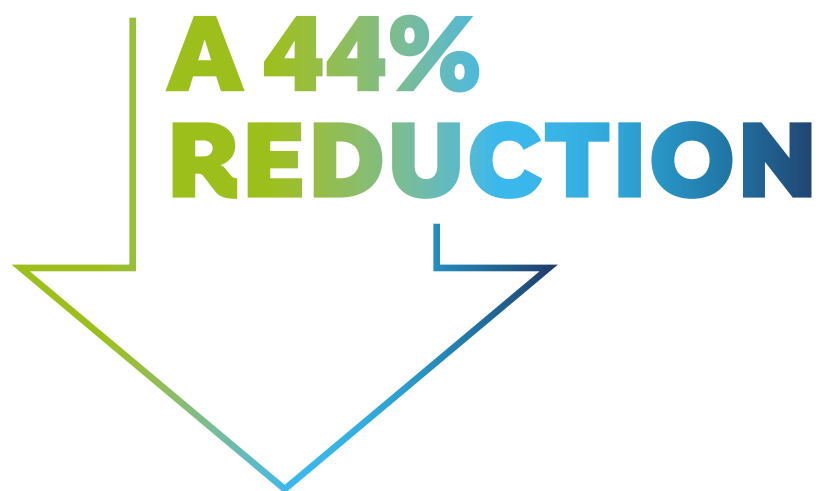
Our 2020 carbon intensity

27.41 kgCO₂e/tonne

Our 2024 carbon intensity

15.26 kgCO₂e/tonne*

* Scope 1 & 2 emissions



OUR APPROACH TO CARBON REDUCTION

We have set out our approach to carbon reduction in line with the emissions hierarchy but we have added our own dimension, ‘collaborate’ as working in partnership with our stakeholders is key to delivering our strategy.

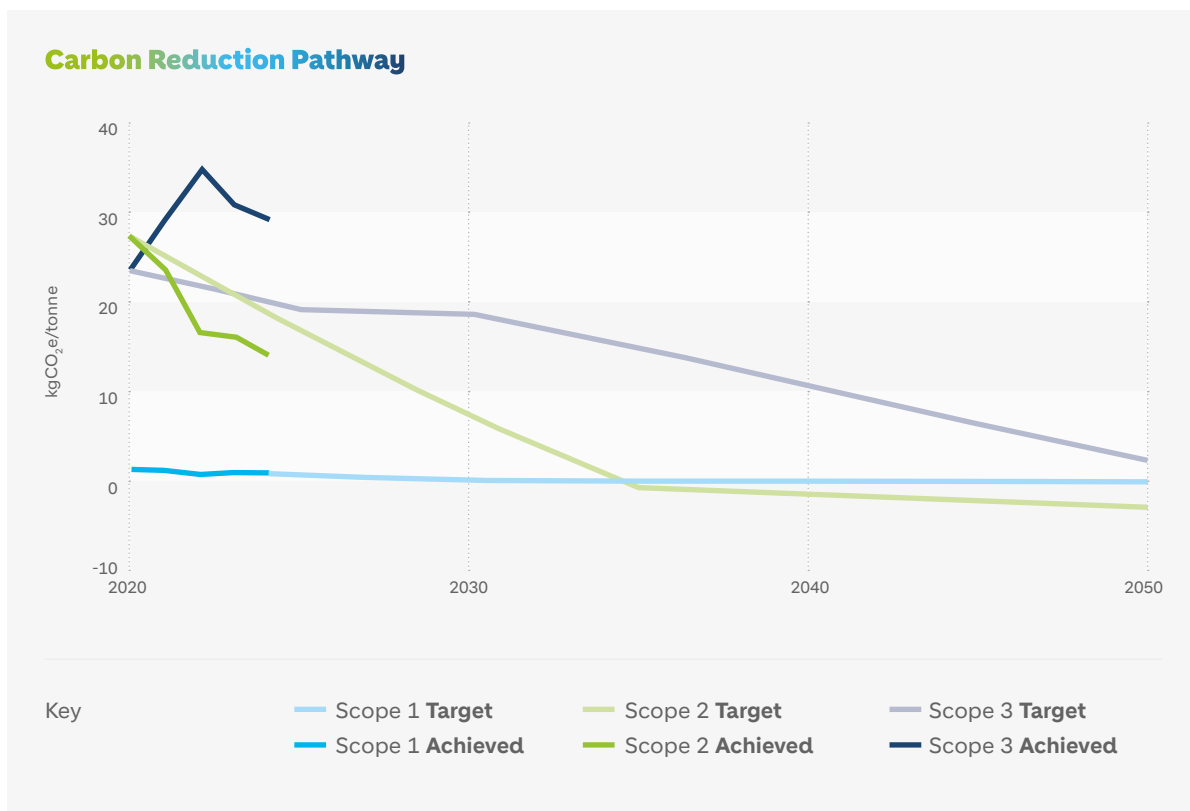
AVOID	We will review business decisions and work to avoid adding additional emissions, wherever possible.
REDUCE	We will apply efficiency principles across all of our operations.
SUBSTITUTE	We will adopt renewables and low carbon technologies where practicable.
COLLABORATE	We will collaborate with all relevant stakeholders to work to reduce carbon emissions, including industry partners, customers and clients, government bodies.

EMISSIONS REDUCTION TARGETS

Our Net Zero Roadmap sets out in detail how we will achieve our vision to accelerate our journey towards Net Zero and achieve it before 2050. Within this document targets have been set for each of our business divisions in 5 year periods, with the first set due in 2025.

The document can be found on our website and should be referred to for further information on specific targets and emission trajectories. The below graph summarises this plan and shows how we are currently progressing toward it. With the sale of our Cookstown cement plant there has been a significant drop in our scope 1 emissions and a near equivalent rise in our scope 3 emissions as we import more cement from outside of our operations.

However, overall the trajectory of our total emissions is progressing as our strategy has set out.



CARBON ACTION PLAN

The quality and longevity of our products remain key priorities of our business but we also add to this list an increasing focus on decarbonisation and the use of recycled materials to significantly reduce embodied carbon within our products. We have made great progress so far and have a strong portfolio of sustainable products and services as mentioned above, further information can be found on our website.

CARBON REDUCTION INITIATIVES

Our Net Zero strategy works across five workstreams and within each there is a pipeline of projects being delivered. Highlights for 2024 and future plans are shown below.

Baseline year emissions		
Workstream	2024	Future Plans
Energy Efficiency & Demand Management	<ul style="list-style-type: none"> - We have participated in the National Grid's demand response schemes to support balancing of the electricity and gas grid. - Waste heat recovery systems were installed at three asphalt plants. 	<ul style="list-style-type: none"> - Continue to roll out waste heat recovery and demand response services across our estate. - Complete an energy management maturity assessment across the estate
Renewable Energy	<ul style="list-style-type: none"> - After completing a review of our estate for renewable energy, 2024 saw our first solar PV installations at Hulland Ward and Bardon Head Offices 	<ul style="list-style-type: none"> - The solar roll out is planned to continue in 2025 with further rooftop systems installed, alongside the ongoing development of larger ground mount systems.
Low Carbon Fuels	<ul style="list-style-type: none"> - LPG has nearly 40% lower CO₂ per litre compared to Kerosene. - Various biodiesels and fuel additives were trialled in our mobile equipment. 	<ul style="list-style-type: none"> - Further roll out of LPG usage and fuel additives - Increased use of EV trucks and wheel loaders - Growth of hydrogen supply network to enable use of fuel from 2027 onwards.
Alternative Materials	<ul style="list-style-type: none"> - The addition of Land Recovery helped us grow the use of recycled materials by 23% year-on-year 	<ul style="list-style-type: none"> - We will continue the growth of construction demolition materials to increase the circularity of our products. - We will bring to market new, novel materials with low or negative carbon emissions.
Carbon Capture Utilisation & Storage	<ul style="list-style-type: none"> - Completed an initial feasibility study for carbon capture at our cement plant - Launched Neustark technology that locks CO₂ into construction demolition materials. 	<ul style="list-style-type: none"> - Complete the first phase of full engineering design for carbon capture at Cauldon cement plant. - Launch Peak Cluster Ltd to deliver the planning and design for a CO₂ pipeline.

In addition to this we conduct a management systems approach to our every day operation and apply the principles of continuous improvement.

Holcim UK are certified to

ISO 14001: Environmental Management standard

ISO 50001: Energy Management standard

PAS 2080: Carbon Management in Infrastructure

BES 6001: Framework Standard for Responsible Sourcing

In addition to this we conduct a management systems approach to our every day operation and apply the principles of continuous improvement.

**DECLARATION
& SIGN OFF**

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and all significant Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been approved by the Holcim UK Executive Committee.

**SIGNED FOR
& ON BEHALF
OF HOLCIM UK
LIMITED**

Name	Anna Baker
Role	Sustainability Director
Signature	<i>A Baker</i>
Date	August 2025

**THANK
YOU**