



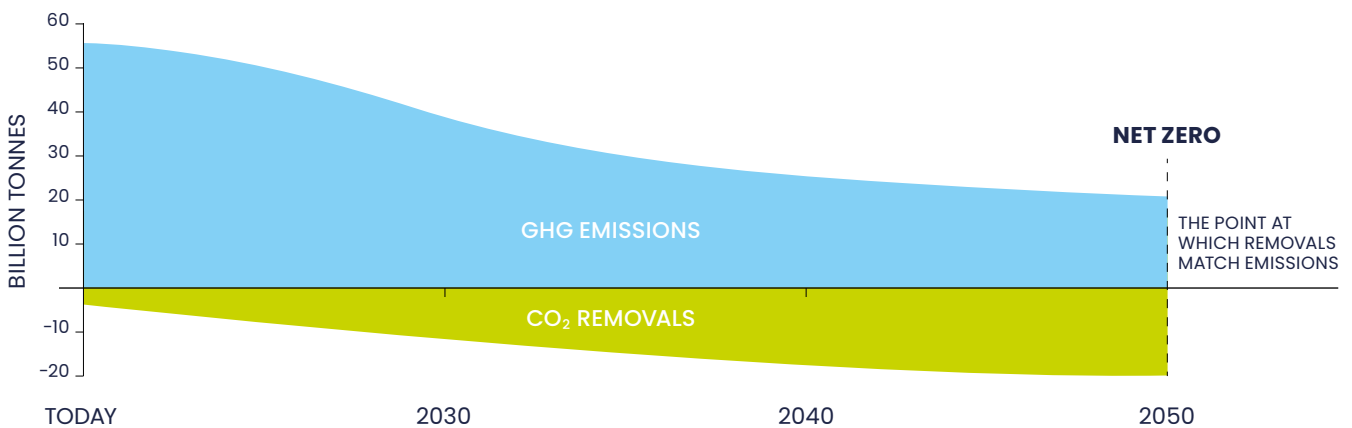
**FUTURE  
IN  
ACTION**  
COMMITTED TO NET-ZERO CO<sub>2</sub>

**OUR ULTIMATE GLOBAL AMBITION:**

# DELIVER NET-ZERO CO<sub>2</sub> IN CONCRETE BY 2050

## WHAT IS NET ZERO?

To limit global warming to 1.5°C we must reach net-zero carbon emissions no later than 2050.



## AND OUR INTERIM TARGETS TO BE ON THE RIGHT TRACK...

- To be below 475kg of CO<sub>2</sub> per ton of cementitious material, equivalent to a **40% reduction\***
  - To reduce the carbon content per cubic meter of concrete to 165kg, equivalent to a **35% reduction\***
  - To reach **55%** in clean energy consumption
- \*According to our 1990 Baseline

## ALIGNMENT AND VALIDATION

- Our 2030 goals have been validated by the **Science Based Targets Initiative (SBTi)** according to the Well Below 2°C Scenario
- Our 2050 goal aligns with the **Business Ambition** for 1.5°C
- We have joined the **Race to Zero** campaign from the United Nations
- And we are a founder member of **The First Movers Coalition**



# IN THE UK...

To achieve our goals, we are focusing our Future in Action program on four pillars:



## SUSTAINABLE PRODUCTS AND SOLUTIONS

**Vertua**

**VIA LOW** | zero



## DECARBONISING OUR OPERATIONS



**55%**  
Alternative Fuel Substitution Rate in 2020



**100%**  
Of our energy supply came from Renewable Energy



**37%**  
Reduction in net CO<sub>2</sub> emissions/tonne cementitious (2020 v 1990)



## INNOVATION AND PARTNERSHIPS



## PROMOTING A GREEN ECONOMY

We promote and advocate for a circular economy, primarily focusing on:



Waste directives for energy recovery



Low carbon cements



Clean energy



Recycling demolition waste



Government and multilateral funding



**228x**  
more waste consumed than sent to landfill