Carbon Reduction

Making changes for the better

Climate change is one of the defining challenges of our time. We are committed to reducing our own emissions through the setting of Science-Based Targets (SBTs) and we will play a full and active role within the industry to drive innovation around carbon reduction.

Low-carbon homes

For the benefit of our customers and the environment, we're doing everything we can to deliver energy-efficient homes. From 2025, our homes will produce 75 – 80% less carbon emissions than those delivered under current regulations.

Investing in innovation

Through collaboration and test trials, we're working on a variety of technologies to help reduce carbon emissions from our homes. This includes working with Salford University on the Energy House 2.0 project.

Carbon footprint

As a company, we are proud of our performance to date, but it's important that we set our standards even higher so that we meet the challenges of our time. Our new strategy will embed sustainability as a core value within Bellway, ensuring we continue to lower our carbon footprint.

Progress to date

- We have reduced our emissions per home sold by 24% – beating our initial target of 10% two years ahead of target.
- Our extended use of renewable energy to plots under construction has increased the proportion of green electricity we use to 69%.
- Extensive work is already underway to redesign our homes to meet the new energy efficiency standards.
- We are building various exemplar homes in advance of the new building standards which includes monitoring performance and running costs for the long term benefit of our customers.

Key Targets

- 46% – We aim to reduce absolute Scope 1 and 2 emissions by 46% by 2030 (awaiting validation by Science Based Target initiative).
- 100% – Our company car fleet will be 100% electric vehicle or hybrid by July 2025.
- 55% – We're aiming to reduce our Scope 3 emissions (t per m2 floor area) by 55% by 2030 (awaiting validation by Science Based Target initiative).
- 100% – 100% of the electricity we purchase will be from renewable sources by December 2023.
- 2022 – Before the end of July 2022, we will complete the laboratory-built Salford University Energy House 2.0.

Headline target

Reduce Scope 1 & 2 emissions by 46% by 2020; Reduce Scope 3 emissions by 55% by 2030

External KPIs	External targets
• Tonnes of carbon (Scope 1&2)	• Reduce 'absolute' Scope 1 and 2 emissions by 46% by July 2030, validated by SBTi (see separate carbon presentation for details)
• Tonnes of carbon (Scope 3)	• Reduce Scope 3 emissions (t per m2 floor area) by 55% by July 2030, validated by SBTi (see separate carbon presentation for details)
• % of electricity purchased that is REGO certified	• 100% electricity purchased that is REGO certified by December 2023
• Number of timber frame units completed	• Increase number of timber frame units built in Northern Divisions
	• Deliver training to relevant site teams in 2022
	• Research embodied carbon benefits of timber frame vs tradition brick
• Number of sites with homes fitted with Google smart thermostats	• Install Google Smart Home technology in all homes on 2 sites by December 2022 and assess energy saving benefits
• No. plots fitted with monitoring equipment	• Fit monitoring equipment at three exemplar sites and Energy House projects and compare running costs / energy consumption between units by December 2022
• Running costs / energy consumption comparisons	

Headline Target

Better with Bellway