

Building a better world

Environment Strategy 2021



From our CEO

At Taylor Wimpey we aim to build great homes and thriving communities.

We're proud to create places that will be enjoyed by generations of people for decades and even centuries to come. Yet today we recognise that future generations face an uncertain future – our planet is in trouble.

A crisis we can't ignore

From climate change to biodiversity loss, the scale of the environmental crisis has never been more apparent. Global temperatures are rising, ecosystems are breaking down and our wild places are littered with plastic waste. We are seeing these changes happen in front of our eyes and the science tells us that we all need to act and to act quickly.

We want to be part of the solution.

Building a better world

With the launch of our environmental strategy we will play our part in creating a greener, healthier future for our customers, colleagues and communities.

We will join the global fight to stop climate change, improve access to and enjoyment of nature for our customers, and use fewer and more sustainable resources. We are committing to challenging targets and to working together with others to bring about change.

What we will do

We will cut our own environmental footprint, reducing emissions and waste, conserving precious resources and regenerating the natural environment on our developments. Our ambitious science-based carbon reduction target will ensure we align our progress with the international Paris Climate Agreement.

We will engage our supply chain, influencing positive change beyond our business and reducing the significant environmental impacts associated with the goods and services we buy.

We know that people today want to live more sustainably but that this isn't always easy to do. Through the changes we make to our homes and developments, we will enable our customers to achieve their aspiration of a greener and healthier lifestyle.

A challenge and an opportunity

Delivering our targets will be challenging and require action from every colleague across our business as well as collaboration with our peers, NGOs and government. Yet we know that it will make us a stronger business and help us to create even better places to live for our customers.

Together we can help build a more sustainable future.

Pete Redfern
Chief Executive





Our vision

“Our world – our home – is in trouble and we aren’t standing on the sidelines watching. We want to be part of the solution – working together to minimise the impact we have on climate change and protecting our planet for future generations. We’re committing to challenging, measurable targets based on science, to making changes in the way we work and to reducing our footprint. By thinking globally and acting locally, we will play our part to create a greener, healthier home for us all.

Let’s build a better world together.”

How will our strategy benefit our business?

Our strategy will make us a stronger business today and for the long term.

It's the right thing to do

The science is clear – we all have to act now to prevent catastrophic climate change and biodiversity loss. As a responsible business, we want to play our part in creating a sustainable future for everyone.

Creating great places to live

Our environment strategy will help us meet changing customer expectations. It will see us reduce the environmental footprint of our homes and enable customers to live a greener lifestyle. By creating space for nature on our developments we will make them more attractive places to live and support our customers' physical and mental wellbeing.

Our recent customer research found that 43% of people consider the environment an important factor when choosing who to buy a new build home from with issues such as energy and water efficiency, and access to green space particular priorities. The research also showed that 42% of people were more focused on environmental issues as a result of the pandemic.

A great place to work

Environmental issues matter to our colleagues. We want them to feel proud of the work we're doing to protect the environment and to have a chance to contribute. We know that a growing number of people look for jobs with purpose and prefer employers whose values they respect. Our strategy will help make us an employer of choice.

Meeting stakeholder expectations

Local authorities across the UK have declared a climate emergency. They want to work with housebuilders who can help them to create sustainable places to live. Centrally, the UK Government has set a goal to have a net zero emission economy by 2050. Investors increasingly look for companies who are acting to shape a more sustainable world and mitigating environmental risks. With our strategy, we can help these stakeholders to meet their objectives.

Improving efficiency and reducing costs

Many of the changes we are making will help us to operate more efficiently, use fewer resources and avoid waste. This will save our business time and money.



What are we focusing on?

Our strategy focuses on climate change, nature, and resources and waste. We have set ambitious quantitative targets to help drive progress in each area up to 2030.

Climate change is the most urgent environmental issue for our sector. We have a significant carbon footprint through our operations and an even greater impact through the goods and services we buy and the energy used in our homes once customers move in. Our business will feel the physical impacts of a changing climate and be affected by climate change regulation. We also have an opportunity to help our customers to live a lower carbon lifestyle through the way we design our homes and developments.

Nature is in serious decline in many parts of the UK. Housebuilding can contribute to loss of biodiversity but by creating high quality spaces for nature on our sites we can reverse this trend. A growing body of research shows that being close to nature is good for our physical and mental health, so increasing nature on our sites will make them better places to live for our customers. Our work on biodiversity will also help us to meet changing regulatory and planning requirements.

To build our homes we use large quantities of materials and **resources** and produce significant volumes of **waste**. This comes at a cost to our business and the environment. By working with our suppliers and colleagues to cut waste and select sustainably sourced materials we can improve efficiency and reduce risks to the business.

Our approach to sustainability also encompasses work on a range of social and economic issues. You can read about these aspects, including our investment in affordable housing and our support for youth employment through apprenticeships in our Sustainability Report, www.taylorwimpey.com

Supporting the UN Sustainable Development Goals

We've reviewed the UN Sustainable Development Goals to help us set our environmental targets. We can have most impact through our strategy on the following targets: 3.9, 6.4, 7.2, 7.3, 8.4, 11.2, 12.2, 12.5, 12.8, 13.1, 13.2, 15.2, 15.5, 15.9.



Our targets in brief

Our strategy focuses on three key areas and will see us make changes across our operations, supply chains and customer homes.

Building a better world

Climate change

Defend the planet and our future by playing our part in the global fight to stop climate change.

Key target

Achieve our science-based carbon reduction target:

- Reduce operational carbon emissions intensity by 36% by 2025.
- Reduce carbon emissions intensity from our supply chain and customer homes by 24% by 2030.

Key metric

- Greenhouse gas emissions per 100sqm completed homes (scope 1, 2 and 3) Tonnes CO₂e/100m².

Nature

Improve access to and enable enjoyment of nature for customers and communities by regenerating the natural environment on our developments.

Key target

Increase natural habitats by 10% on new sites from 2023 and include our priority wildlife enhancements from 2021.

Key metrics

- Percentage increase in natural habitats on new sites.
- Percentage of new sites with our priority wildlife enhancements and number of enhancements implemented.

Resources and waste

Protect the environment and improve efficiency for our business and our customers by using fewer and more sustainable resources.

Key target

Cut our waste intensity by 15% by 2025 and use more recycled materials. By 2022, publish a towards zero waste strategy for our sites.

Key metric

- Tonnes of construction waste per 100m² build.

Climate change

Our approach

We have been working to reduce our greenhouse gas emissions for many years and, since 2013, we have achieved a 30% cut in emissions intensity from our operations. However, with the world needing to reach net zero emissions by 2050, we now need to go further. We will make significant cuts in our operational emissions by 2025 and increase our focus on reducing emissions associated with our supply chain and our customer homes in use.

We will also help our customers to reduce their own carbon footprint by the changes we make in our homes and by enabling more sustainable transport options.

Our climate impact

Our total carbon footprint, including from the homes we build and the goods and services we buy, was 2 million tonnes of CO₂ in 2020



1%
Our operations

Emissions from construction sites, offices, transport (scope 1 and 2 emissions)



40%
Customer homes

Future emissions from customers living in our homes and developments (scope 3)



59%
Supply chain

Emissions from raw materials, extraction, processing, manufacturing, transport (scope 3)

**That's 210
tonnes per
home we build**

Our targets

Our science-based target

Achieve our science-based carbon reduction target:

- **Reduce operational carbon emissions intensity by 36% by 2025.**
- **Reduce carbon emissions intensity from our supply chain and customer homes by 24% by 2030.**

By adopting a science-based carbon reduction target we will reduce our footprint in line with the Paris Climate Agreement. Our targets have been approved by the Science Based Targets initiative which has confirmed that our operational target is consistent with reductions required to keep warming to 1.5°C. Our scope 3 goal meets the SBTi's criteria for ambitious value chain goals, in line with current best practice.

We will track our progress using an intensity metric, enabling us to reduce emissions as our business grows and we deliver homes to more customers.

Reducing energy use and switching to renewable sources

Reduce operational energy intensity by 32% for UK building sites by 2025.

Purchase 100% REGO backed green electricity for all new sites.

We will reduce some emissions at source by improving our energy efficiency as well as switching to renewable electricity.

Reducing emissions from our supply chain and customer homes

Reduce embodied carbon per home by 21% by 2030.

Reduce emissions from customer homes in use by 75% by 2030.

Our increased focus on scope three emissions will see us cut greenhouse gas emissions associated with materials and the products we buy (embodied carbon) and make our homes more energy efficient for customers.

Tackling emissions from transport

Reduce car and grey fleet emissions by 50% by 2025.

Make it easier for 40,000 customers to work from home and enable more sustainable transport choices through 36,000 EV charging points and 3,000 additional bike stands by the mid 2020s.

We'll tackle our own emissions from transport and also help customers to reduce their impact.

Adapt our business to a changing climate

Update our policies and processes to reflect the risks and opportunities from a changing climate by 2022.

We'll make sure our business is prepared for the impacts of climate change and do what we can to mitigate the impact on our customers.

Progress so far

- 30% reduction in carbon emissions intensity since 2013.
- 39% reduction in absolute carbon emissions since 2013.
- 58% green electricity purchased.
- 'B' rating in CDP Climate Change.



Nature

Our approach

We already integrate wildlife enhancements and habitat improvements on many of our sites. However, biodiversity loss in the UK is so acute that we need to do more and to use our sites to protect, enhance and increase biodiversity. We will integrate habitat improvements and wildlife enhancements across all our sites, meeting the new biodiversity net gain regulatory requirements and going further.

We will create opportunities for customers to engage with nature on our sites and through partnerships with nature organisations. Our goal is for our efforts to both benefit biodiversity and support residents' wellbeing and customer satisfaction.

Creating a positive impact

With the launch of our strategy we will:



Allocate space for nature



Partner with conservation organisations to develop our approach



Integrate wildlife friendly features, like ponds



Landscape our sites with wildlife friendly plants



Include enhancements such as hedgehog highways



Engage customers on nature



Our targets

Habitat and species improvements

Increase natural habitats by 10% on new sites from 2023 and include our priority wildlife enhancements from 2021.

We will increase natural habitat areas on our sites, compared with before development begins. Our approach will encompass all our regional business including those in Wales and Scotland not covered by net gain regulation.

Wildlife enhancements

Include our wildlife enhancements on all suitable new sites:

- Hedgehog highways from 2021.
- Bug hotels (at least 20% of homes) from 2021.
- Bat boxes (at least 5% of homes) from 2022.
- Bird boxes (at least 80% of homes) from 2023.
- Wildlife ponds from 2024.
- Reptile and amphibian hibernation sites from 2025.

All new sites have planting that provides food for local species throughout the seasons.

New sites will have a wildlife enhancement plan to encourage wildlife to make a home on our developments. Enhancements will be included on all sites that are suitable for the target species and where technically feasible. We will track our progress and assess the impact of our interventions on biodiversity.

Encouraging engagement with nature

**Help customers engage with nature and create 20,000 more nature friendly gardens by 2025.
200 beehives on our sites by 2025.**

We will create opportunities for customers to learn about and experience nature through our partnerships, and by helping them to implement nature friendly gardening techniques.

Progress so far

- Around 2,000 biodiversity enhancements on our sites every year.
- Ecological impact assessment carried out for all sites.
- Our Home for Nature Toolkit helps our teams implement wildlife enhancements.



Resources and waste

Our approach

Housebuilding is a resource intensive industry, using significant volumes of water, energy and materials and producing a lot of waste. We want to reduce this impact, selecting more recycled and sustainable materials, improving resource efficiency at every stage and designing out waste. Over time, we aim to adopt more 'circular' approaches to resource use and move towards net zero waste from the construction of our homes.

We can't yet quantify the environmental impacts of all the materials and resources we use. We will be working with suppliers to gather more data in this area as a key step towards improving our performance.

Air quality on our sites and in customer homes is an increasingly important issue and we will be conducting research to better understand our impact. We need to make sure that customers have the information they need to maintain air quality in their new build home.

Our impact



Use of materials
such as timber, bricks
and plasterboard



73,300 tonnes
of construction
waste



7.9 tonnes of
construction waste
per 100m² built



454 million litres
of water used



97% of construction
waste is recycled



Packaging a
key source of
construction waste



Our targets

Designing out waste

Cut our waste intensity by 15% by 2025 and use more recycled materials. By 2022, publish a towards zero waste strategy for our sites.

Engage with suppliers to meaningfully reduce plastic packaging on our sites by 2025.

Help 20,000 customers to increase recycling at home by 2025.

Our initial focus is on reducing construction waste, prioritising materials such as single-use plastic and making changes in our customer offer to encourage household recycling. We will also publish a towards net zero waste approach to help us further reduce our impact.

We will monitor progress using a waste intensity metric, so we can compare performance year on year, even as our business grows.

Conserving water

Reduce operational mains water intensity by 10% on a 2019 baseline by 2025.

Make it easier for 20,000 customer households in water stressed regions to install a water butt by 2025.

We already integrate water efficient taps and appliances in homes and will now enable customers in key regions to reduce water use in their gardens too.

More sustainable materials

Measure the environmental footprint of the key materials in our homes and set a reduction target.

Working with suppliers we will identify the key environmental impacts from our materials use and work together to reduce these.

Indoor and outdoor air quality

Measure air quality in our homes and on our sites in 2021.

Give customers the information they need to maintain good air quality in their homes by the end of 2021.

We will develop our approach in this area, improving our understanding of air quality on our sites and in our homes and supporting customers to maintain good internal air quality.

Progress so far

We are already working with our suppliers and site teams in our efforts to reduce waste. Key actions include:

- Our Waste Dos and Don'ts guide and induction process for site teams.
- A waste league table for our regional businesses.
- 15% of the potential bonus for Site Managers linked to performance on waste reduction.
- Partnering with suppliers to reduce off-cuts by specifying pre-cut materials.
- Over 19,400 paint pots reused or recycled from our sites last year.



How we will implement our strategy

Our environment strategy has been approved by our Group Management Team, our most senior executive committee, and our Board of Directors.

Responsibility for implementing our targets lies with our heads of disciplines and leaders in our regional businesses, and progress will be reported quarterly to our Group Management Team. Our Legacy, Engagement and Action for the Future (LEAF) committee, chaired by one of our executive team members, will monitor our progress.

Our network of Sustainability Champions, one in each regional business, will help us to implement our strategy on the ground and gather data on our performance.

We will be rolling out training to help equip colleagues and suppliers with the knowledge, skills and confidence they need to implement our approach and achieve our targets.

We will report our progress each year through our [Annual Report and Accounts](#) and our [Sustainability Report](#).

Get in touch

We welcome your feedback on our approach to sustainability. You can contact us at: sustainability@taylorwimpey.com

More information is available on our website www.taylorwimpey.com/corporate/sustainability

