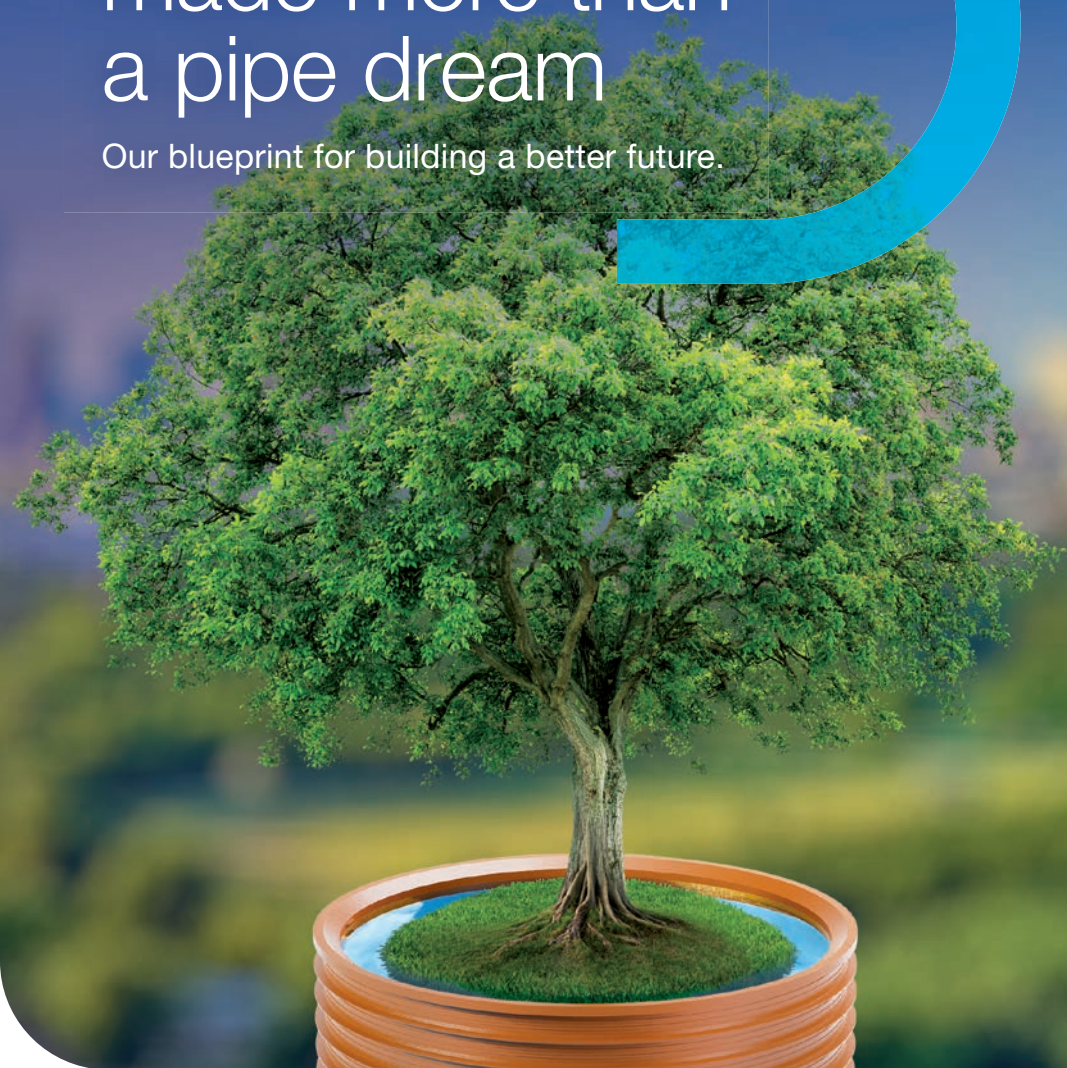


# sustainability made more than a pipe dream

Our blueprint for building a better future.



**wavin**

# Making the sustainable, attainable

Sustainable thinking is good. Sustainable action is better. Better for the communities that we live in. Better for the planet that we share.

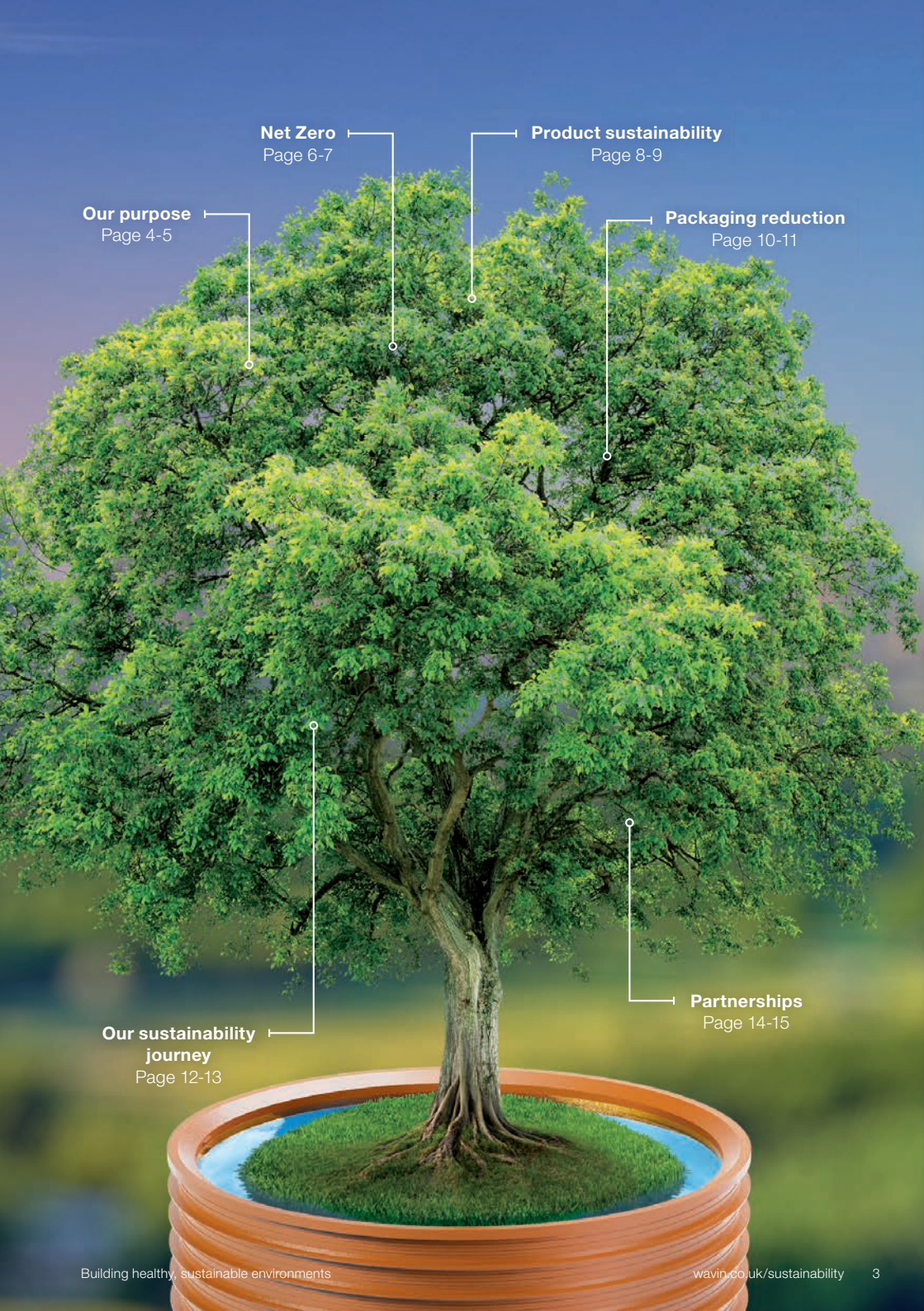
As a market leading contributor to the built environment, our sights are firmly set on leading our industry in sustainability by 2025. We're backing this ambition with real investment, real action, real outcomes and real leadership. Ultimately, our goal is to achieve Net Zero Carbon emissions by 2050.

Working with our customers, users and suppliers, we'll design out carbon from every product and process that we're responsible for. Our focus throughout will be to build healthier, more sustainable environments for all.

Our sustainability journey is well and truly underway at Wavin.

**Let's work together to help build a better future for generations to come.**





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# Our purpose

## Building healthy, sustainable environments

There are four pillars driving our sustainability journey, selected to reflect where we can contribute to the United Nation's published Sustainable Development Goals. These pillars form the foundation of our purpose: to build healthy, sustainable environments.

While we build and create value through our products and services, we do so in a mindful way – by using as much recycled material as possible, reducing energy consumption and waste, and keeping a close eye on our footprint. In other words, doing our utmost to create a sustainable future.



The four pillars form the foundation of our purpose: **to build healthy, sustainable environments**



## Safe and efficient water supply

Future generations face a 40% shortfall between water supply and demand. Alongside other experts, Wavin is working to deliver safe and clean water security through enhanced rainwater reuse, the digitalisation of water management and more secure and durable piping.

## Better sanitation and hygiene

Outdated sewer systems are overwhelmed by a triple whammy of urbanisation, population growth and climate change. We're working towards a healthier future with long-lasting sanitation solutions that deliver greater capacity, fewer leaks, less clogging and better monitoring.



## Climate resilient cities

Smarter systems are needed to meet the five big challenges our cities face: floods, droughts, heat stress, ground water depletion and surface-water pollution. From roof to river, we are helping with connected water capture, attenuation, cleaning, reuse and transportation solutions to make cities climate resilient.



## Better building performance

Constrained by time, cost and product sourcing challenges, many of today's buildings fail to deliver on their expected performance. Through improved digital modelling, we can help our partners predict time and resource needs throughout the building process and provide intelligent solutions for better urban living.





# Our commitment to Carbon Net Zero

We are committed to reaching Carbon Net Zero in 2050, in line with the government target, and are proud to have been awarded the status of Construct Zero Industry Business Champion by the Construction Leadership Council.

We look forward to playing our part with other Construct Zero Industry Business Champions to help build a bigger cross-industry movement that will share knowledge and learnings related to carbon reduction programmes.



Scan the code to watch  
our sustainability video

**Business  
Champion**

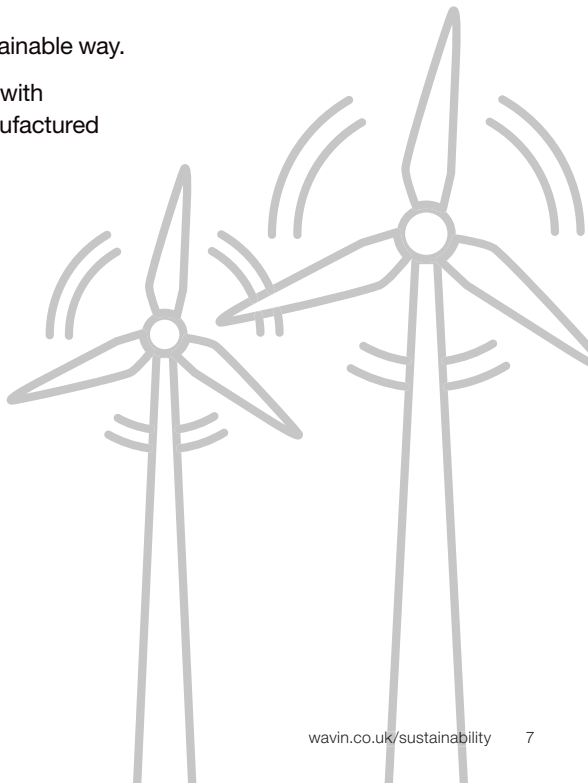
**ConstructZERO**  
The Construction Industry's Zero carbon change programme



We have a clear ambition to lead the industry in sustainability by 2025, and as part of this we have a clear commitment to helping to reduce emissions in the built environment. In line with government targets, we aim to be Carbon Net Zero by 2050. We have a clear strategy and roadmap to get to this destination, and our efforts have been recognised with us being named a Construct Zero Industry Business Champion in June 2021.

**In terms of recognition, Wavin UK's efforts in the following areas were highlighted:**

- Reducing carbon in our products, manufacture and distribution.
- Moving towards a fully electric car fleet.
- Manufacturing sites running on 100% renewable energy.
- 40% of forklift fleet using Bio LPG.
- Transporting products in the most sustainable way.
- Managing the full life cycle of products with around 30% of products currently manufactured from recycled material.
- Commitment to using a minimum of 30% recycled plastic in all packaging by April 2022, in line with the HMRC's Plastic Packaging Tax requirement.



# Product sustainability

At Wavin, we're committed to measuring the real-world impacts of our products and services throughout their life cycle. By assessing their carbon footprint and understanding what effect they have on the environment, we can seek more sustainable alternatives and continue to refine our blueprint for building a better future.



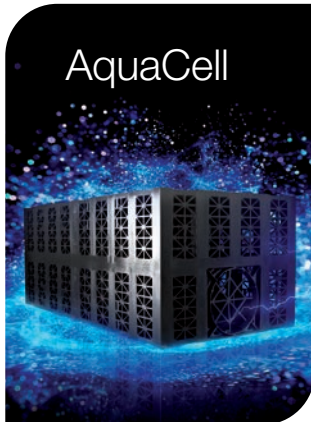
*We think of sustainability as a journey rather than a destination. We are fully committed to that journey, but recognise that it requires investment combined with action, challenge and change. The recent initiatives launched across our UK business are taking us one step closer to Carbon Net Zero, by cultivating better building and logistical performance and helping us all be more environmentally-minded.*

**Mike Ward, Managing Director at Wavin UK**



Next Generation Recycore Technology is the perfect demonstration of our commitment to make not just a greener alternative, but one with no reduction in performance and durability.

50% of our Recycore pipe is now made from a core of advanced, recycled microcellular material, so it uses less virgin plastic but still passes the same rigorous test standards for BS EN 13476-2 and even exceeds the 2,600 psi jetting standard.

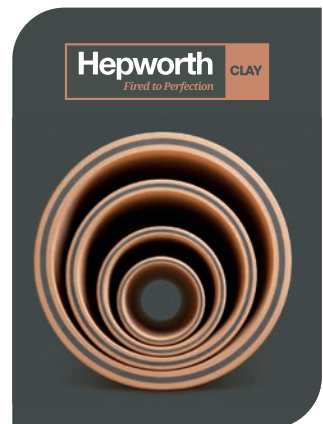


Wavin leads the way in stormwater management, working with engineers, specifiers and contractors to control the capture, transport and reuse of rainwater, and to help alleviate flood risk.

The AquaCell range of geocellular units, a key component of effective surface water attenuation, is now manufactured from 100% recycled material.

Hepworth Clay pipes are created from a 100% natural raw material that is strong, durable, inert and has total end-of-life recyclability.

Captured moorland rainwater is used to hydrate the clay in manufacture, and is the only substance added to the natural clay before the pipes are placed back in the earth as drainage. Our local quarries are expertly returned to flourishing natural and biodiverse habitats, alongside a tree planting programme to offset the carbon impact of quarrying.



# Packaging reduction



# Sustainability – it's all connected

As part of our commitment to reducing our carbon footprint, we have been looking at how we use packaging for our products sustainably, whilst still getting them to you safely and securely.

**With this as our focus we have:**

- Created a committed focus group whose purpose is to make all packaging more sustainable.
- Committed to using a minimum of 30% recycled plastic in all packaging by April 2022, in line with the HMRC's Plastic Packaging Tax requirement.
- Confirmed supply chain assurance from our packaging partners of their sustainability commitments.
- Pledged to remove the use of unnecessary waste.

**In addition, we are:**

- Researching continuously into new and innovative packaging solutions.
- Identifying where our packaging can be reusable.
- Continuously examining our packaging materials and sizing for efficiency and carbon reduction.

**In product packaging, we're committed to using a minimum of 30% recycled content by April 2022, which will reduce single-use plastic consumption in our assembly process by over 11 tonnes.**





# Our sustainability journey

We recognise that the pursuit of a better future is an ongoing commitment. One that will always require new ideas, fresh actions and the setting of further goals. These are just a few of the highlights, plans and steps we are making in our journey to lead our industry in sustainability by 2025.



Moving towards a fully electric car fleet.

## Sustainability strategy



As part of Wavin's global commitment to sustainability, we have established six programmes which are at the core of our efforts to supply solutions to some of the world's greatest challenges. **Discover more at: [wavin.co.uk/sustainability-programs](https://wavin.co.uk/sustainability-programs)**



30%

of products currently manufactured from recycled material.



## Community support

To ensure good education for local communities, Wavin has built seven schools close to production facilities in Latin America.



Each employee at our Hepworth Clay site in Hazlehead has a name-tagged tree planted on their behalf in adjacent woodland.



## Plastic road

In the Netherlands, Wavin has worked in partnership to build the first road made from 100% recycled plastic.

# Working in partnership

Effective partnerships are a key contributor to overall sustainability and taking control of our carbon footprint.

Wavin is an active member of numerous specialist bodies that focus on improving sustainability within our industry, and we take full responsibility for maintaining a sustainable supply chain.

## British Plastics Federation (BPF)

As an active member of the BPF Net Zero Group, Wavin has committed to working towards the targets set by Operation Clean Sweep to achieve zero pellet, flake and powder loss.

## Construction Leadership Council (CLC)

Appointed by the CLC as a Construct Zero Champion, Wavin is uniting with other champions to support the council's Performance Framework, sharing expertise and promoting positive action to drive carbon out of the construction sector.

## Construction Products Association (CPA)

Wavin is listed in the CPA's 'Decarbonisation Directory', having made the pledge to reduce carbon emissions. As part of the Orbia Group, we are an official member partner in the 'Race To Zero' with a full commitment to science-based targets.



*It's vital for us to think about sustainability at every turn, so it's a natural step for us to also make sure our trusted partners are on the same page when it comes to their own carbon footprint. We are truly in this together as a sector, and by ensuring we have an environmentally-focused supply chain, we can achieve industry-wide Carbon Net Zero in line with the targets.*

**Mike Ward, Managing Director at Wavin UK**





“ ”

*How wonderful  
it is that nobody  
need wait a single  
moment before  
starting to improve  
the world.*

Anne Frank

For an in-depth view of how  
Wavin is committing to  
sustainability, please visit  
[wavin.co.uk/sustainability](https://wavin.co.uk/sustainability)



Wavin is part of Orbia, a community  
of companies working together  
to tackle some of the world's most  
complex challenges. We are  
bound by a common purpose:  
To Advance Life Around the World.



**Wavin Limited**  
Registered Office | Edlington Lane | Doncaster | DN12 1BY  
Tel. 0844 856 5152 | [www.wavin.co.uk](https://www.wavin.co.uk) | [info@wavin.co.uk](mailto:info@wavin.co.uk)