

Green plan for:

BRIDGER | CARR
A r c h i t e c t s

Contents

- About Bridger Carr Architects
- What makes us different?
- Our Vision
- Our Ethical Philosophy
- Our Green Plan
- Supporting our wider society
- Supporting our clients to net-zero
- Committal to continuous improvement
- Carbon Impact
- Visions, objectives and targets
- Monitoring and reporting



Welcome to Bridger Carr Architects Green Plan.

We are Andy Bridger & Deborah Carr; Bridger Carr Architects.

In 2012 we founded our practice following many years of working together on specialist healthcare schemes. Our practice is defined by our experience and expertise in delivering highly complex buildings for multi-faceted Clients in live working environments.

As a nationally recognised specialist in healthcare architecture, specialising in acute healthcare work, we recognise our responsibility to our clients, patients, wider community and, of course, our planet.

This document outlines our philosophy towards Sustainability and how we are doing our bit to support the NHS and healthcare providers towards a healthier, happier, Net-Zero future, and beyond.

Key Facts:

- We've worked together since 2006
- Focused on the North, specifically Yorkshire
- 100% of our customers are repeat business
- Committed to emission reductions by at least 5% per annum

What Makes Us Different?

- **Organic Growth**

The business was conceived by its two Directors and has grown over more than a decade into a financially self-sufficient, robust and well-respected operation.

- **Director-level Expertise at Every Stage**

A wealth of knowledge and expertise dedicated to every project. We work on being in partnership with our clients.

- **End-to-end Design & Delivery**

We reimagine every department within the hospital from ideation through conception and realisation.

- **Quality Assured**

Quality underpins all that we do

We are committed to ISO 45001

Work within the NHS SBS Framework

- **Proudly Independent**

As an agile, independent business, who understands the pressure under which the NHS operates, we deliver quickly and efficiently.

- **We Realise the Impossible**

We solve complex problems. Even if a space is difficult, we make it possible. We look beyond the problem to create solutions that work in the real world.



Andy Bridger and Deborah Carr, Founders of Bridger Carr Architects

Our Vision

At Bridger Carr, we are aiming to create therapeutic and sustainable patient environments that enhance recovery, supporting the NHS and healthcare providers across the UK to realise a healthier and happier future for all.

We are hoping to achieve this through a two-pronged approach.

1. PATIENT-CENTRED DESIGN

- We improve the patient environment to support the delivery of care, assisting recovery and improving health outcomes
- Every year there are more patients being cared for. If they recover quicker, they have less time in hospital and more beds become available
- The environments we design are calmer and more therapeutic, reducing anxiety, expediting recovery. It might be as simple as a yellow door, or external emulating lighting, but we know it makes a huge difference

2. OUR ETHICAL PHILOSOPHY

- This sets out the initiatives that are supporting us to create a modern patient focused healing environment and deliver on our vision
- These initiatives are focused in different areas:
 - a. How we Operate
 - b. Our Green Agenda
 - c. How we affect Wider Society

Our Ethical Philosophy

How we operate:

Breathing New Life into Old Estates

- Focused on bringing old buildings to life via considered refurbishment projects We will always reuse a client's estate rather than further burden landfill Part of that is improving the energy efficiency of the estate for every scheme

We Think Ahead

- Future-proof design, producing flexible buildings that anticipate future needs
- The onus is on breathing life into existing structures and galvanising them for future use, meaning upgrades will be easier, reusing and reducing waste
- We understand that, as technology changes in the Healthcare environment, the built environment needs to be flexible to adapt to those evolving needs

Local Employment

- We encourage local employment and innovation through our specification of local products and suppliers, such as the Leeds-based stainless steel sanitary manufacturers PLAND, Harrogate-based manufacturer Biopod IPS systems and Leeds-based Yeoman Shield wall protection.

Sharing Knowledge

- We share our specialist knowledge across Trusts to ensure we are contributing to enhancing patient outcomes across the region
- We set standards for the patient environment.

Our Green plan

Carbon Neutral Strategy

- We've started our carbon-neutral strategy by creating our own Carbon Reduction Plan
- We have started to monitor, measure and report on our emissions – annual reporting
- We will be working on the emission reductions in key areas:
 - Our business waste is only office waste, and we have waste management systems in place for recycling
 - We do not print as a matter of course as all plans are issued and presented digitally and we use digital devices for checking and site mark-ups etc.
 - We work from home to reduce travel
 - Our office is by Leeds station, so we commit to travelling by train

We are also committing to

Trees for Climate Programme

- We have planted the equivalent of 2 hectares which is for hedgerows, wood pasture and woodland
 - *Do we have an equivalent CO2 absorption figure we can quote?*
- The aim is to improve the habitat for flora and fauna to flourish which will in turn have a beneficial effect of the agricultural land
- Enjoying the forest also contributes to positive mental health for the local community

Supporting our Wider Society

At Bridger Carr Architects we are very active in our wider society.

Giving Back to the Construction Community

- We offer a regular training position by building on links with the Architecture Degree course at Leeds Beckett University
- We offer a short-term paid internship to its students and are forming a strategic plan to continue this in the next academic year
- We are targeting one paid internship for every £150K turn-over each year

Supporting our Children

- Since 2018 Andy Bridger has been School Governor for Calder Learning Trust carrying out the responsibility for health, safety and estates, behaviour and exclusions and he advises the Trust on its environmental policy
- He brings expertise and commercial experience to the running of our schools and the welfare of our future generations
- Also, Deborah will promote the Architectural profession at her son's annual School Careers Fair

Leeds Urban Bike Park

- As keen mountain bikers, we have pledged to donate to a local bike scheme in Leeds
- Old Leeds Golf Course cross country track, is a local initiative supported by businesses
- Our donations will help maintain the track to ensure the community can enjoy it for decades to come



Supporting our Clients on the Road to Net-Zero

We understand the challenges that face our Clients in meeting carbon reduction targets,

- Working with customers to achieve their Net-Zero goals through sustainable architecture is fundamental to our processes in several key ways:
 - Engagement with sustainability professionals during early stages to ensure the project's sustainability credentials are optimised and recorded into the customer's own carbon footprint reporting mechanisms.
 - Specify materials that are ethically sourced, have a limited carbon footprint, reduce construction waste and end of life emissions, considering life-cycle costs and whole life carbon analysis reduction.
 - Implement Methods of Modern Construction into our designs to minimise material usage and waste, energy and water consumption, construction noise, dust, vibration and public nuisance.
 - Explore and promote sustainable design solutions and the integration of energy efficient schemes, air source heat pumps, low energy light fittings, and thermal envelop improvements. We recently assisted Harrogate District Hospital with its decarbonisation scheme, replacing single glazed windows and insulating roofs.

Standard Specification

- We standardise our specification to further reduce CO2 emissions and drive efficiencies
- For example: we use two types of ceiling tile with highly rated environmental standards
 - This reduces expense due to volume efficiencies, transport due to bulk orders and our rigorously researched choices are A or A+ rated for environmental standards

Carbon Impact

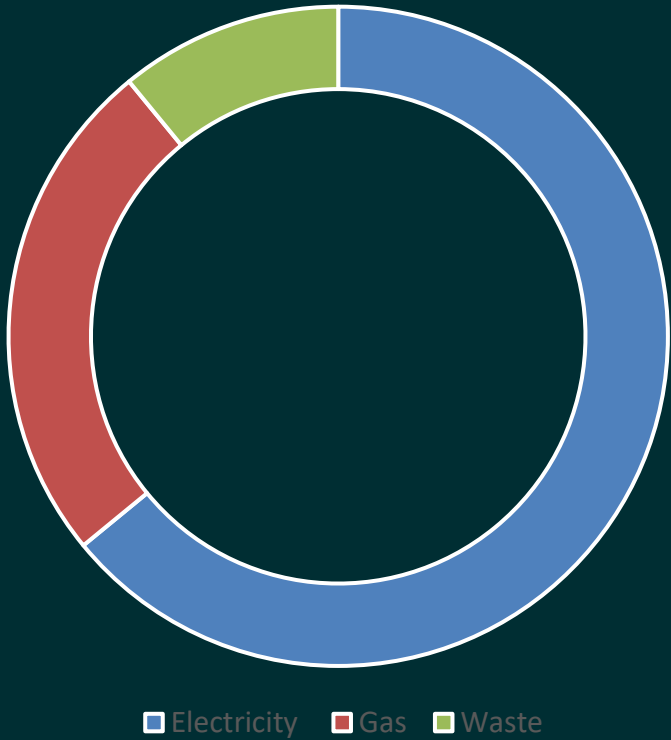
Perhaps not the level of detail we go into at the moment but a reduced snapshot summary

Example – snapshot summary of the emissions, link back to the most recent report and exec summary

From the assessment that we have undertaken, we have recorded our emissions data for Scope 1 & 2. This is in the table below.

The only alarming issue within our carbon impact is the electricity consumption. This is significantly high, but due to our reliance on electricity in our day-to-day activities our consumption is expected to stay at a similar rate even increasing as we begin to expand further as a company.

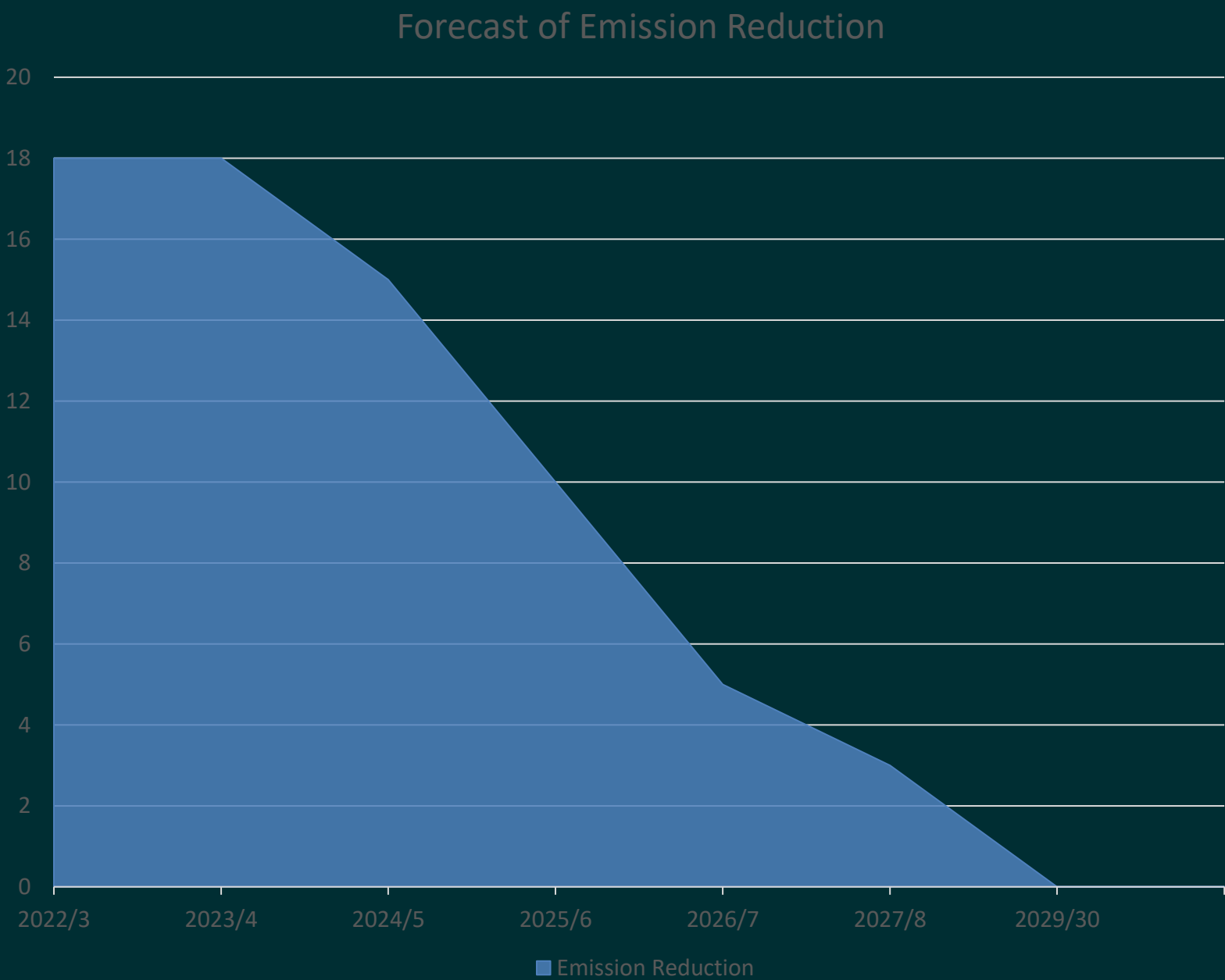
Total Impact in Year 2022/23



Visions, Objectives and targets

Need more info for this slide

- Perhaps a date of carbon neutrality being set
- Yearly targets being set



Monitoring and Reporting

- Will be filled out following the current baseline

