



Spotlight on...
carbon reduction

**CONSIDERATE
CONSTRUCTORS
SCHEME**

Case Study: Morgan Sindall

10 Tonne Carbon Challenge

An initiative set up as part of our effort to mitigate climate change by reducing the carbon impact of what we build and how we build.

OUR GOAL - TO INSPIRE OUR PROJECT TEAMS TO REDUCE CARBON.

Why was the challenge set up?

- Encourage greater innovation
- Create transparency of data in the supply chain
- Motivate and engage our projects
- Gather best practice
- Engage the supply chain to use CarboniCa

CASE STUDY EXAMPLES - WESTVALE PARK PRIMARY ACADEMY



Saved 798 tonnes of carbon by:

- Working with Streif UK, the team switched from a traditional steel frame build to offsite manufactured timber panels
- The team used our in-house carbon calculator, CarboniCa to record the saving

CASE STUDY EXAMPLES - WIRRAL GROWTH COMPANY



Saved 2268 tonnes of carbon by:

- Reducing the amount of SFS and concrete and used EAF produced steel in the frames
- Sourcing lower carbon concrete and rebar and switching to HVO fuel
- Using CarboniCa for calculation

WHY IS THIS CHALLENGE UNIQUE?

Tackling climate change isn't just about solutions, it's about people.

We are proving that getting people engaged – our colleagues, our designers, our supply chain, our customers – creates real, robust, evidenced carbon savings.

We can't control everything, but we can inspire change. The 10 Tonne Challenge highlights that together we can make a difference!