



Carbon First

by **Jacobs**



Carbon decision making, **transformed.**

Carbon First is an award-winning platform that enables you to identify strategic opportunities for reducing whole-life carbon in the early planning and design phases of infrastructure projects or programmes of work.

Here's how it works:

▶ Start your project

Build up your project quickly and effortlessly by choosing the key components. You don't need a detailed design or bill of quantities.

▶ Identify hotspots

The platform provides a high-level carbon baseline within a few minutes. You can then analyse the key hotspots across the whole project life cycle.

▶ Define your strategy

Finally, explore multiple lifecycle scenarios in real time so you can start effective carbon reduction conversations throughout your supply chain.

Carbon First offers almost unlimited carbon data analysis.

It can be re-run for any combination of schemes, options or design changes, and the interactive dashboard provides a variety of visual-based carbon baselines, reduction opportunities, and project comparisons.

The potential minimum carbon saving is **10%** of a scheme. The carbon market price is currently a minimum of £10 per tonne, but that's going to increase **significantly** in the next 5 years. If you expect **5,000** tonnes of CO₂e in your project, you can save at least **£50,000**.

The earlier Carbon First is used, the bigger your savings and the lower your costs.

Carbon First can reduce carbon assessment time by

90%

and offer potential carbon savings of up to

50%*

*According to results achieved across several highway project lifecycles

This is how it benefits you:

► Highly visual and interactive

It's a web-based, easy-to-use platform that provides visual outputs on an engaging dashboard so you can compare design options.

► Fast-working and comprehensive

Carbon First compares embodied and operational carbon impacts in minutes across a broad range of industry assets.

► Collaborative and immediate

By identifying carbon reduction opportunities in real time, it empowers meaningful dialogue with internal stakeholders and supply chains.

► Versatile and iterative

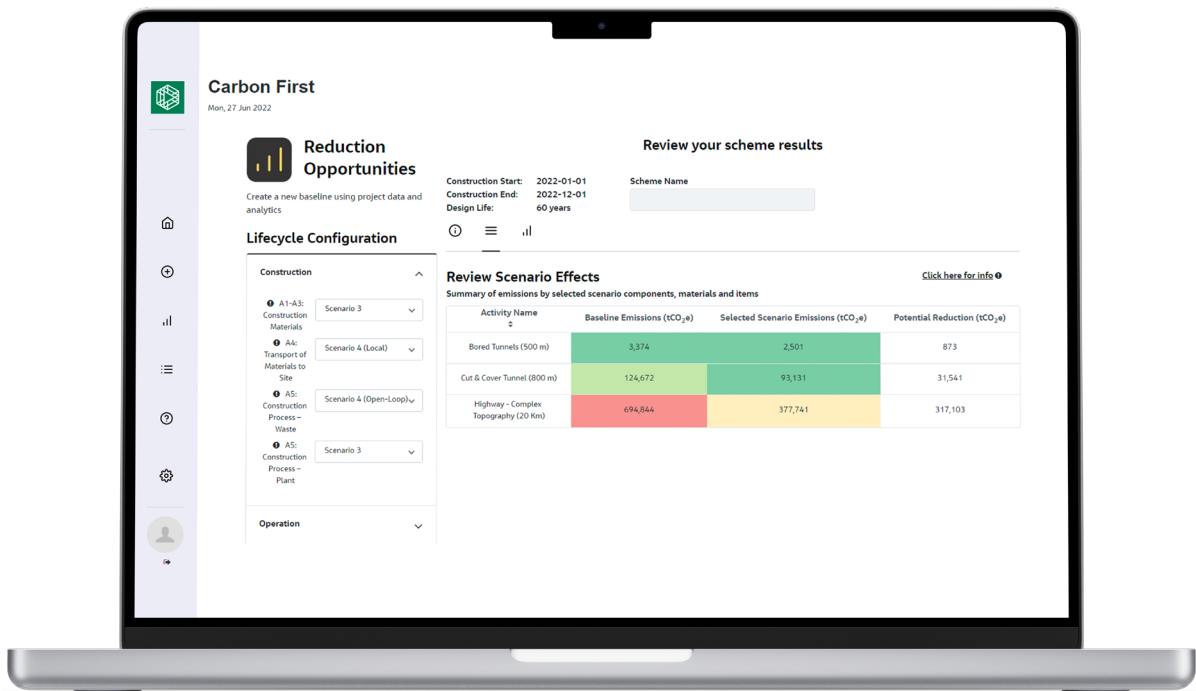
Carbon First provides unlimited opportunities to explore and re-run carbon reduction scenarios covering your whole project or programme cycle.

► Acts early on net-zero and sustainability ambitions

Carbon First incorporates carbon as a powerful decision support metric at the earliest project stages to identify the best solution for a project, scheme or across a portfolio.

► Assists with regulatory and planning needs

By turning carbon into a tangible metric, it provides data for strategic and compliance needs.



Ready to transform carbon decision making on your next project?

Visit here for more info: jacobs.com/CarbonFirst

Speak to our team to see a live demo: carbonfirst@jacobs.com

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