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Mainer Associates

CarbonCentric App





SPECIALIST SUSTAINABILITY CONSULTANCY



Built with precision and innovation in mind for carbon measurement, our new cutting-edge App reshapes the way we approach building projects, introducing a new era of responsible development.

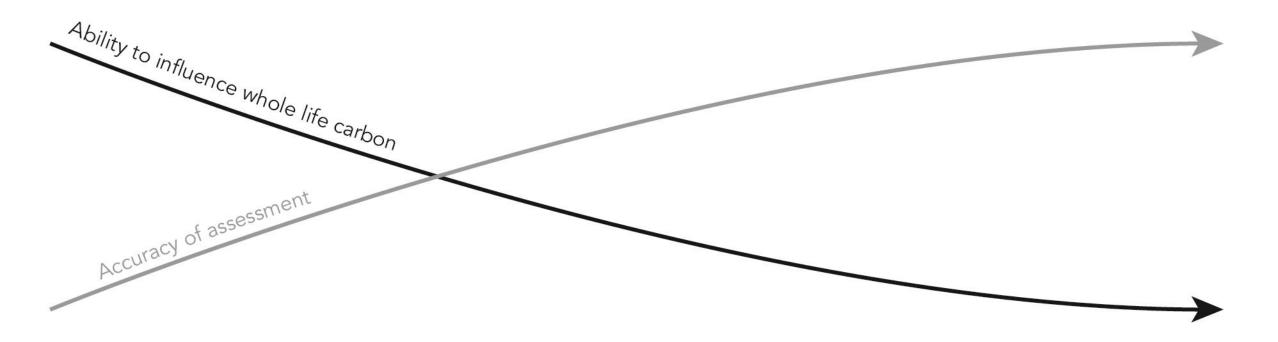
The Carbon Tool App provides real-time insights and preliminary results through a comprehensive carbon score, empowering intervention and guidance at any stage of the project, even before a single brick is laid.

Enabling better informed and more decisionmaking, adaptability, accuracy, as well as more coherent and aspirational carbon management, tailored to the client's budget and targets.

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Organisations must communicate avoided Scope 3 emissions by showing reductions to the predicted total, through reporting actual emissions over time for projects they are involved with.





Strategic design phase	Concept design phase	Technical design phase	Construction phase	Post-completion phase	In-use phase	End-of-life phase
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Data Collection - Tender to Completion



Process with the App

A **centralised approach** of obtaining accurate and realtime data on what has been (& will be) procured/installed on-site.

This ensures an **easy & effective liaising process**, communicating with sub-contractors on the client's behalf.

The app enables Mainer to collate data with the desired granularity/detail and narrative for the client, with **greater efficiency**. For instance, if the client requests to compare predicted emissions to actual emissions, the client could login and review such information.

Quantified carbon emissions can also be 'timelined' as the construction project progresses, rather than a providing a 'snapshot' of total emissions when each report is issued, as previously done.

This helps the client understand the 'WLCA assessment completeness' of the project.

Process without the App

Cannot provide a real-time carbon emissions score and compare against predicted emissions (what is yet to be installed)

A longer, more fragmented liaising process, whereby the client may provide data to different colleagues through information requests, long email-threads, and frequent catch-up meetings.

On occasions, the data provided previously has not always been detailed nor conducive enough for Mainer to calculate carbon emissions with complete confidence, including:

- Generic product descriptions
- Default transport distances
- Recycled content

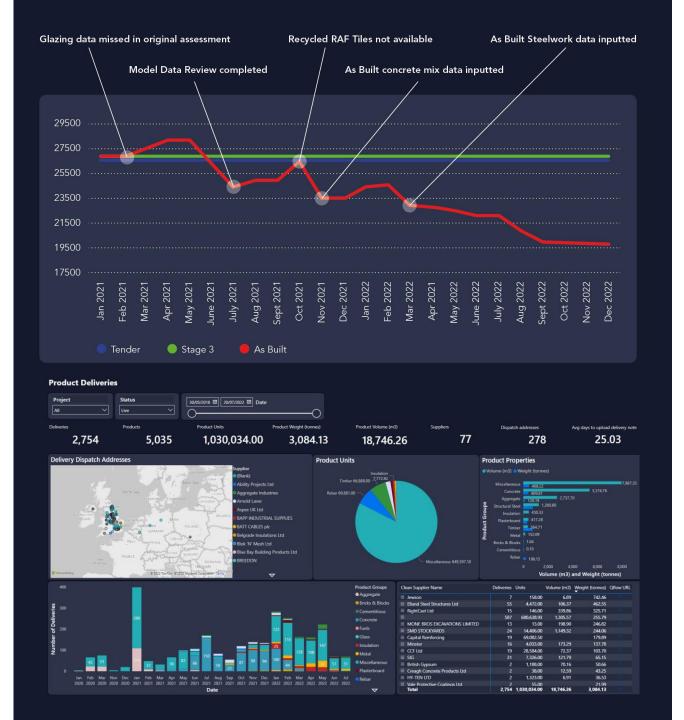
Although normal at early design stage, this often yields a WLCA report that contains **greater uncertainty scores** when feeding this back to the client.



The Carbon Centric App ensures systematic swift & simple data collection using a centralised approach obtaining accurate and real-time data.

The App allows for greater data transparency and can help deliver a much more comprehensive embodied carbon assessment.

It reduces the chance of misrepresentation on the true sustainability performance of a project, as well as mis-guided decisionmaking on assumptions.



Thank you



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