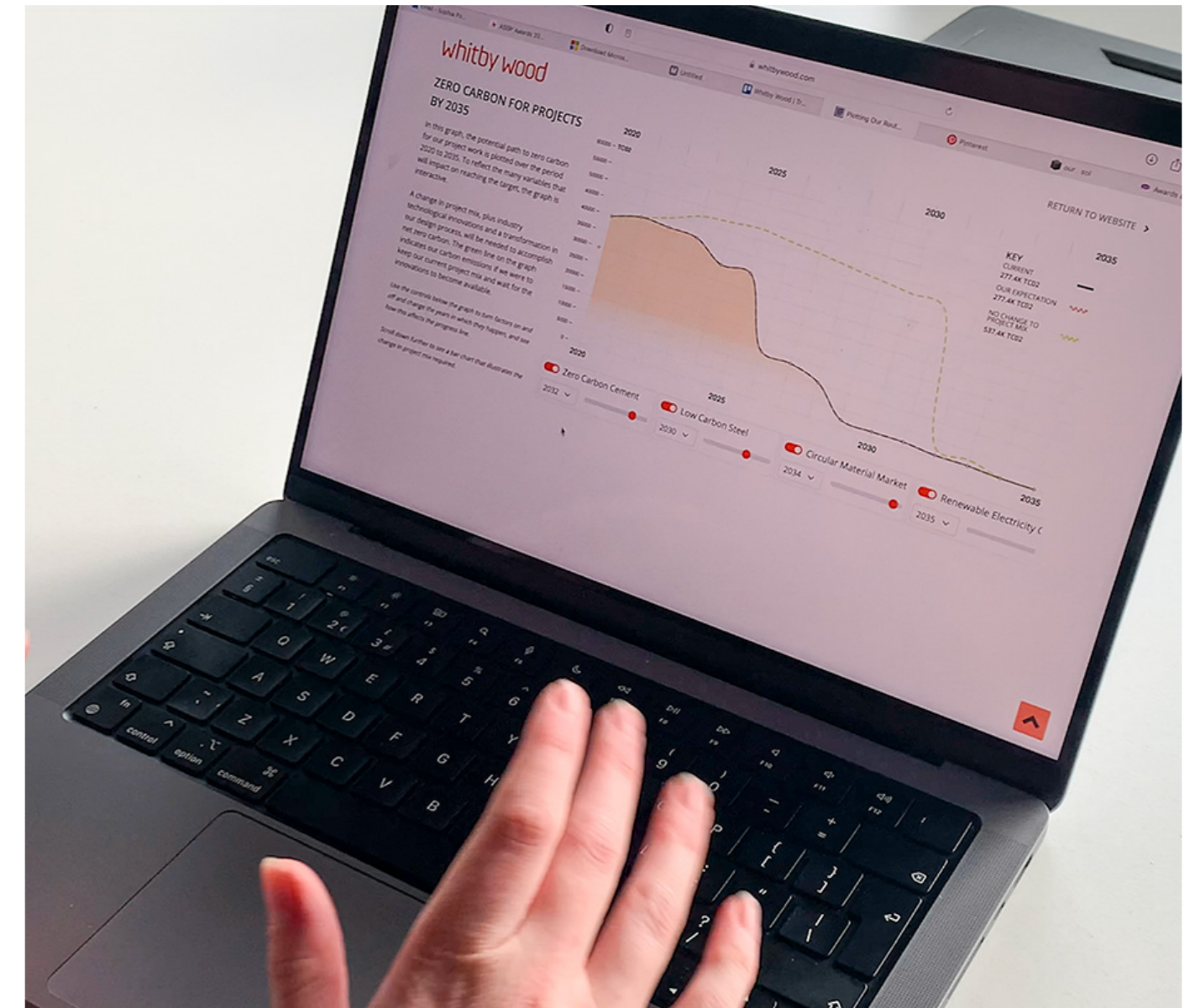
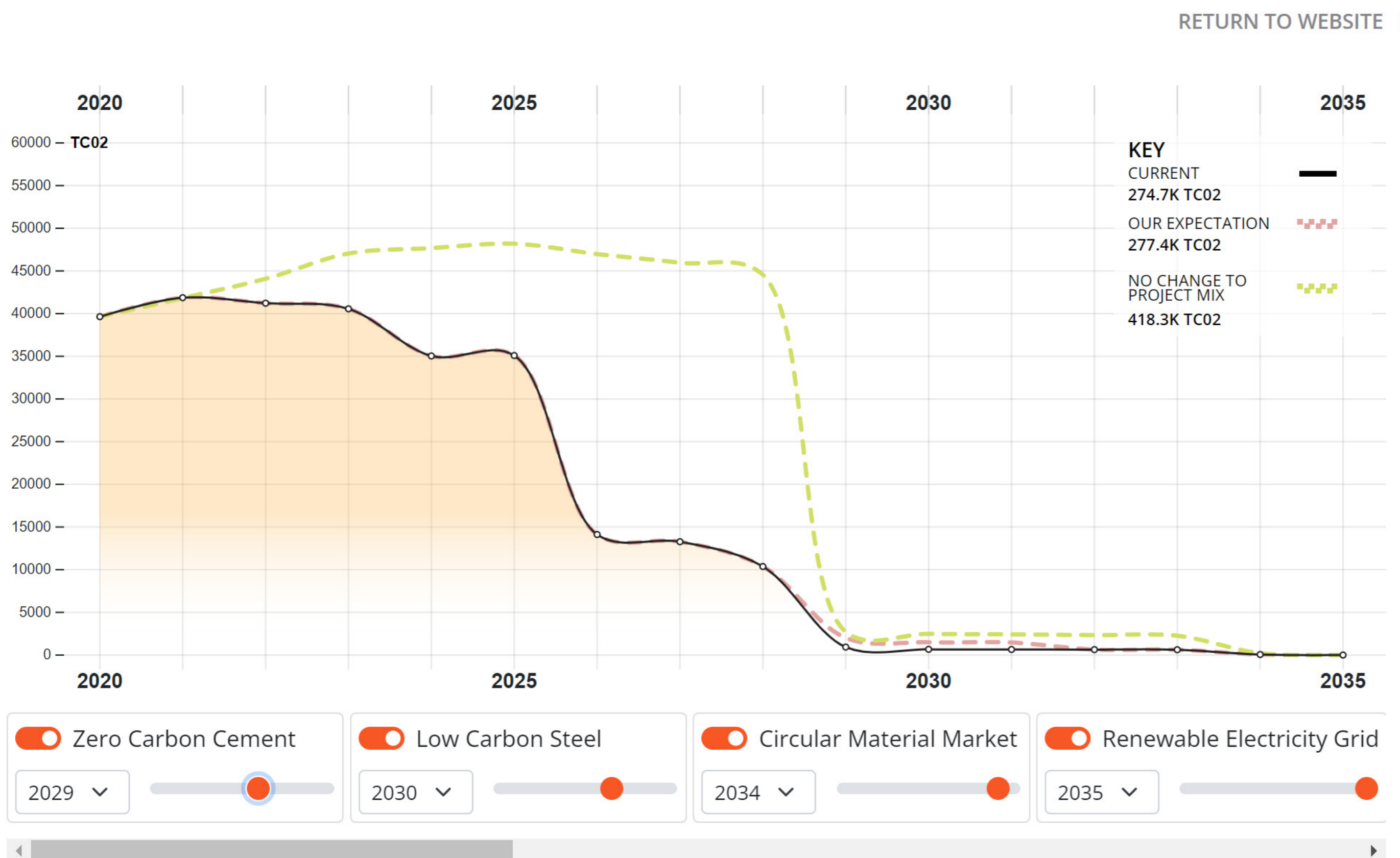


Whitby Wood Plotting our route to zero

Finalist

Initiative category



Watch the video submission



<https://youtu.be/7GPF4zN9WhY>

In this graph, the potential path to zero carbon for our project work is plotted over the period 2020 to 2035. To reflect the many variables that will impact on reaching the target, the graph is interactive.

A change in project mix, plus industry technological innovations and a transformation in our design process, will be needed to accomplish net zero carbon. The green line on the graph indicates our carbon emissions if we were to keep our current project mix and wait for the innovations to become available.

The controls below the graph can be used to turn factors on and off and change the years in which they happen, and see how this affects the progress line.

Whitby Wood's carbon footprint has two parts: that associated with business operations and that associated with their designs.

An interactive tool has been published that indicates the key areas of change, whilst allowing visitors to explore the impact of the many uncontrollable variables.

The tool has helped to identify ways to reduce carbon emissions in the running of the office hubs but a key finding was that the biggest impact involves evolving the approach to projects in practice, specification, detail and design. As part of the response, the embodied carbon equivalent of Whitby Wood's projects has been included and a database created containing project type and other critical information.

“The stark truth is that no one really knows how the UK will reach zero carbon in the coming years. But the responsibility is with us all and we need to take the initiative and plan ambitiously”

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