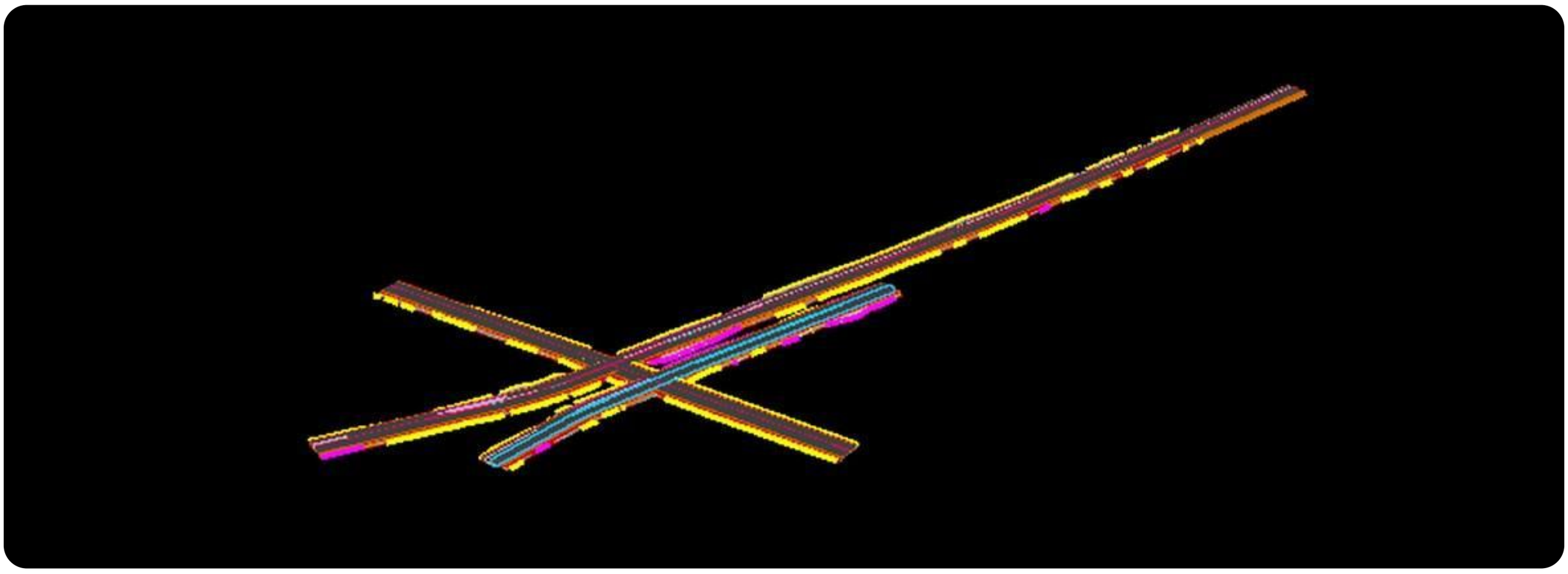


Founders' Honors 2026

iTwin® AI project lifecycle intelligence platform

Project summary

Organization:
WSP Global Inc.

Solution:
Roads and highways

Location:
Bangalore, Karnataka, India

Project phase:
Completed and operational

Expected completion date:
March 21, 2026

Key results

- **75% reduction in data extraction time in validation testing.**
- **USD 8.7 million cost estimate returned in under 10 seconds.**
- **97.8% model quality score achieved from the same test model.**

Project

Infrastructure project teams often work across fragmented tools, making it difficult to gain a unified view of project data and connect insights across the lifecycle. While digital models can contain rich project intelligence, accessing that information often requires specialized technical and BIM expertise, limiting the value of digital twins for non-technical stakeholders. WSP Global's Digital Engineering & Technology team in Bangalore addressed this gap, making project information accessible to more people without software installation or query-language skills.

Results

Validation against a DGN test iModel® road corridor reduced extraction time by 75%, while a USD 8.7 million estimate across five pay types returned in under 10 seconds. The test also generated a 16.6 metric ton embodied carbon report and a 97.8% model quality score. One deployment serves road, bridge, building, and water projects without reconfiguration, turning hours of extraction into seconds of insight for stakeholders without BIM expertise.

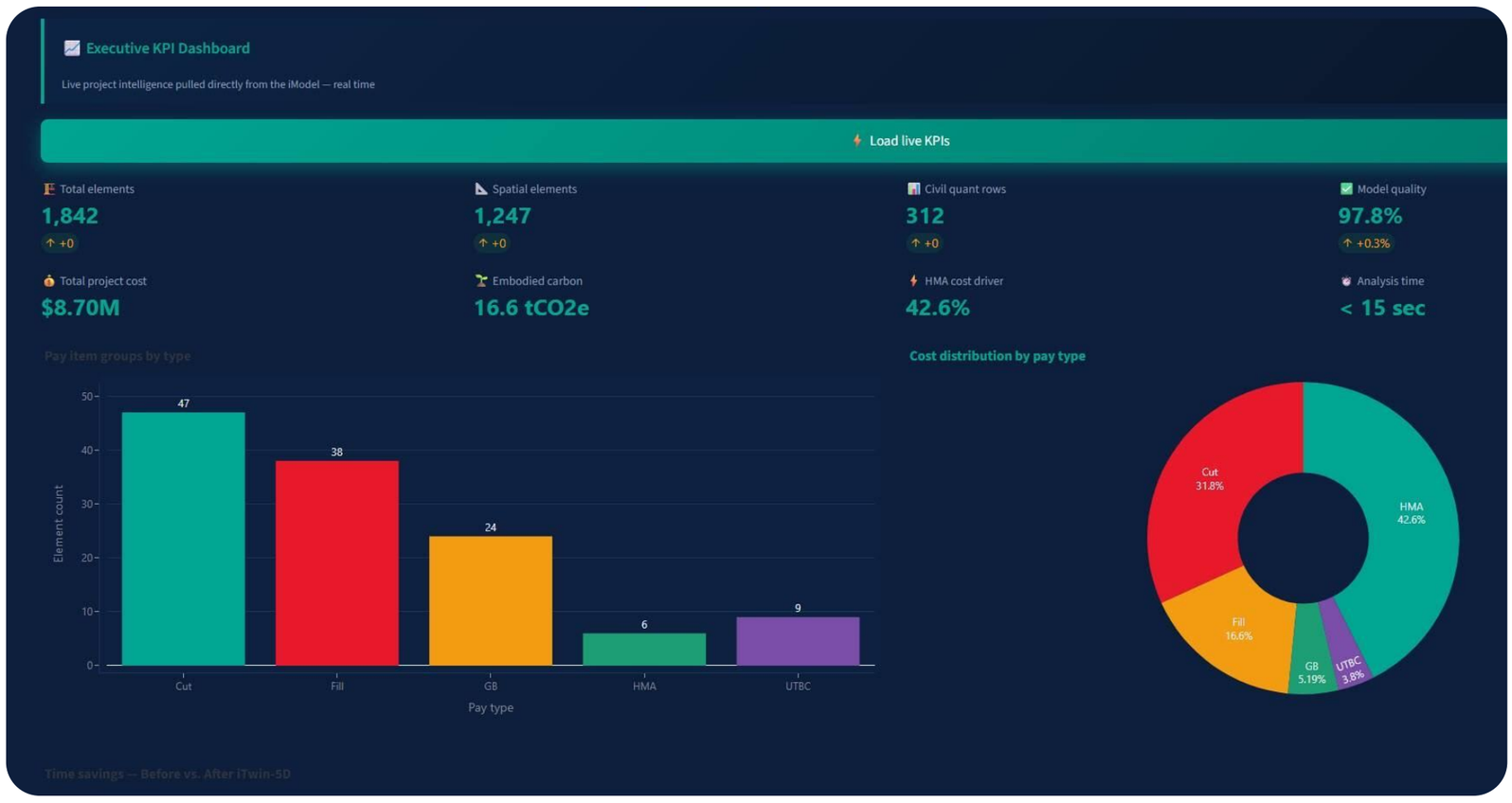
Bentley software

- iTwin
- OpenBridge®
- OpenRoads™
- ProjectWise®



Validation returned a USD 8.7 million cost estimate in under 10 seconds.

> For the first time, any engineer, project manager, or client can simply ask their Bentley iModel a question in plain English and get an answer in seconds.
>
> *— Vijaya Adigopula, Associate Director, Digital Engineering & Technology, WSP India*



The road corridor test model returned a 97.8% model quality score.

Solution

A browser interface on iTwin turned plain-English questions into live iModel queries.

- WSP connected live iModel data to a browser interface that needs no software installation.
- Plain English questions are converted into live iModel queries, with no query-language skills required.
- A 17-capability workflow spans design, construction, and operations.
- One deployment serves road, bridge, building, and water projects without reconfiguration.

Facts

- WSP's Digital Engineering & Technology team in Bangalore built a browser interface on iTwin that opens live iModel data to non-specialists.
- Validation on a DGN test iModel road corridor cut data extraction time by 75%.
- A USD 8.7 million estimate across five pay types returned in under 10 seconds.
- The same test produced a 16.6 metric ton embodied carbon report and a 97.8% model quality score.

Find out more at Bentley.com
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