

Before You Dig Australia (BYDA) has developed a next-generation GIS-based digital planning tool that delivers significant time and cost savings to the construction sector. Replacing outdated PDF plan packs with live, interactive mapping, the platform gives planners, engineers, and contractors immediate access to accurate, up-to-date utility information—reducing delays, rework, and strike-related incidents.

A recent Proof of Concept, tested across one of Australia's most complex utility corridors—from Sydney CBD to Western Sydney Airport—demonstrated the tool's ability to streamline design workflows. By integrating with common design platforms like CAD and BIM, the solution eliminates the need to manually interpret static plans, dramatically speeding up the planning process.

Construction industry stakeholders reported reduced project risk, faster approval timelines, and enhanced coordination with utility providers. The pilot confirmed strong market demand, validating a scalable, subscription-based model designed to meet the industry's growing appetite for digital-first solutions.

Backed by major utilities and engineering firms, the platform also enhances safety, fosters early collaboration, and provides a foundation for national rollout.

This presentation will share key insights from the pilot, including industry feedback, return-on-investment data, and BYDA's roadmap for scaling this transformative tool across Australia's infrastructure pipeline.