

Gesher

PITCH • 60 SECONDS

Vertical AI for Australian engineering.

The engineer asks. Gesher reads the source. It drafts the cited report —
and never invents.

app.gesher-eng.com

THE SHORTAGE

**By 2040, Australia will be
~200,000 engineers short.**

And the engineers we have spend their days hunting through standards and specs — not engineering.

Source: Professionals Australia, 2023 • Engineers Australia, 2024

THE DEMAND

The build is funded. The workforce to deliver it isn't.

Australia has committed a A\$242 billion five-year public infrastructure pipeline — inside more than a trillion dollars of public and private investment. Every road, rail line and grid connection in it runs on engineering documentation that has to be right. Yet the sector is already 141,000 workers short of delivering it.

WHY NOW

Engineers have already reached for AI — on their own.

Nearly half of Australian engineers already use generative AI at work — with no mandate and little training. They reach for it to search dense standards and draft the first version of reports: exactly the grind that eats their week. The demand isn't coming. It's here.

43% already use it • 72% say it lifts productivity • 73% call it a critical skill — Engineers Australia, *The impact of AI on the engineering profession*, 2025 (n=2,197)

THE TRUST GAP

They use it. They don't trust it.

Engineers know these tools are unreliable — and that in a sign-off profession, a wrong clause or an invented reference is *their* liability, not the software's. Nine in ten say AI will always carry risk; their single hardest problem is knowing whether an answer is actually right. That gap is the job Gesher does.

90% say GenAI will always carry risk • 82% say it always needs human oversight — Engineers Australia, 2025 (n=2,197)

TOLD BY THE PEAK BODY

A civil firm trained ChatGPT on flood overlays and stormwater codes — then concluded it *still* needed experienced engineers to validate the results.

That's the whole game: the engineer's judgement, multiplied — not replaced.

Source: Engineers Australia AI report, 2025 — documented case study

HOW IT WORKS

Ask. Geshher reads the source. It drafts — cited.

01 · ASK

Ask in plain language

Like putting a question to a senior engineer.

02 · READ

Reads the real source

The actual AU standards, specs & guidelines.

03 · CITE

Drafts, fully cited

Every claim traced to source. You sign off.

Never invents — that's what lets an engineer sign it.

Built for Australian engineering. Cited, never invented.

	Generic AI	Gesher
Australian standards & specs	Guesses from the open web	Reads the actual AU canon
Every claim cited	Rare — or fabricated refs	Cited to source, always
An engineer can sign it	No	Yes — human signs off

The moat: AU depth + trust a signing engineer stands behind

THE OPPORTUNITY

Engineering is one of the least digitised industries on earth.

Only about 12% of Australian businesses use AI — and construction and engineering sit near the very bottom, a fraction of the 38% in tech and media. McKinsey has ranked construction the second-least-digitised industry of all, behind only agriculture. Australia's engineering-consulting market alone is A\$64 billion a year. The laggard is the opportunity.

Sources: ABS, 2026 (12% all-industry vs 38% top sector); McKinsey Industry Digitization Index; IBISWorld, 2025 (engineering consulting A\$64bn/yr) · global AI-in-construction ~US\$4bn (2025) → >US\$28bn mid-2030s

THE MARKET

Legal AI already proved the model.

Give a regulated, sign-off profession an AI that cites its sources, and it becomes indispensable. Legal AI did exactly that — building multi-billion-dollar companies on the same trust bar engineering demands. Domain-specific AI is moving from a sliver of the market to the majority within three years. Engineering is the next vertical — and it has barely begun.

Harvey ~US\$11B valuation; Casetext acquired for US\$650M; domain-specific AI ~1% (2024) → >50% (2027) — Gartner; CNBC / Sacra, 2026