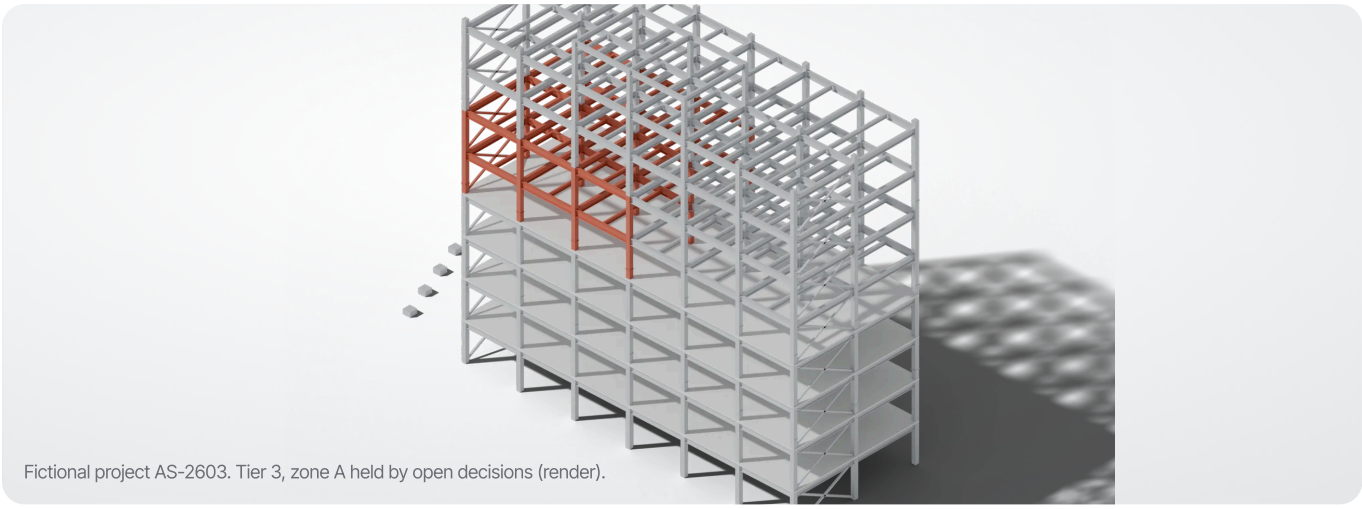
KIMERU: a concept study in steel decision and release control



Fictional project AS-2603. Tier 3, zone A held by open decisions (render).

THE PROBLEM

01

Japanese specialty contractors name late decisions (物決め) as the biggest cause of delay [1].

02

Late or changed decisions ripple into approval rounds, fabrication rework and erection dates [1][2].

03

Approval still relies on paper circulation and stamps, and responsibility for checks is unclear [1].

THE APPROACH

- Make the open decision the core object, with an owner and the steel it holds.
- Work each last responsible date back from erection, in working days.
- Show a release gate and float for every erection tier.
- Generate the weekly 定例 pack and keep an append-only change record.

WHAT JEMIRAE OFFERS

Today. Industrial and enterprise UX, web software development, workflow digitisation, integration planning.

With partners. An experienced steel works advisor for domain validation, and integration with CAD and production systems, which needs vendor cooperation.

Jemirae does not provide engineering, fabrication or inspection services.

PILOT PROPOSAL

- Scope: one building, one 節
- Length: 6 weeks, alongside your current 未決事項 list
- We would measure overdue decisions, release-date stability and approval round time

How we work: operational understanding first, then quality, reliability, clear communication and practical delivery.

Contact hello@jemirae.com · jemirae.com

Sources: [1] Nikkenren BIM Model Approval WG report, April 2023. [2] Nikkenren steel-frame BIM workflow, 2025.

Independent concept study by Jemirae. Not a client engagement. All companies, projects and data in the prototype are fictional.