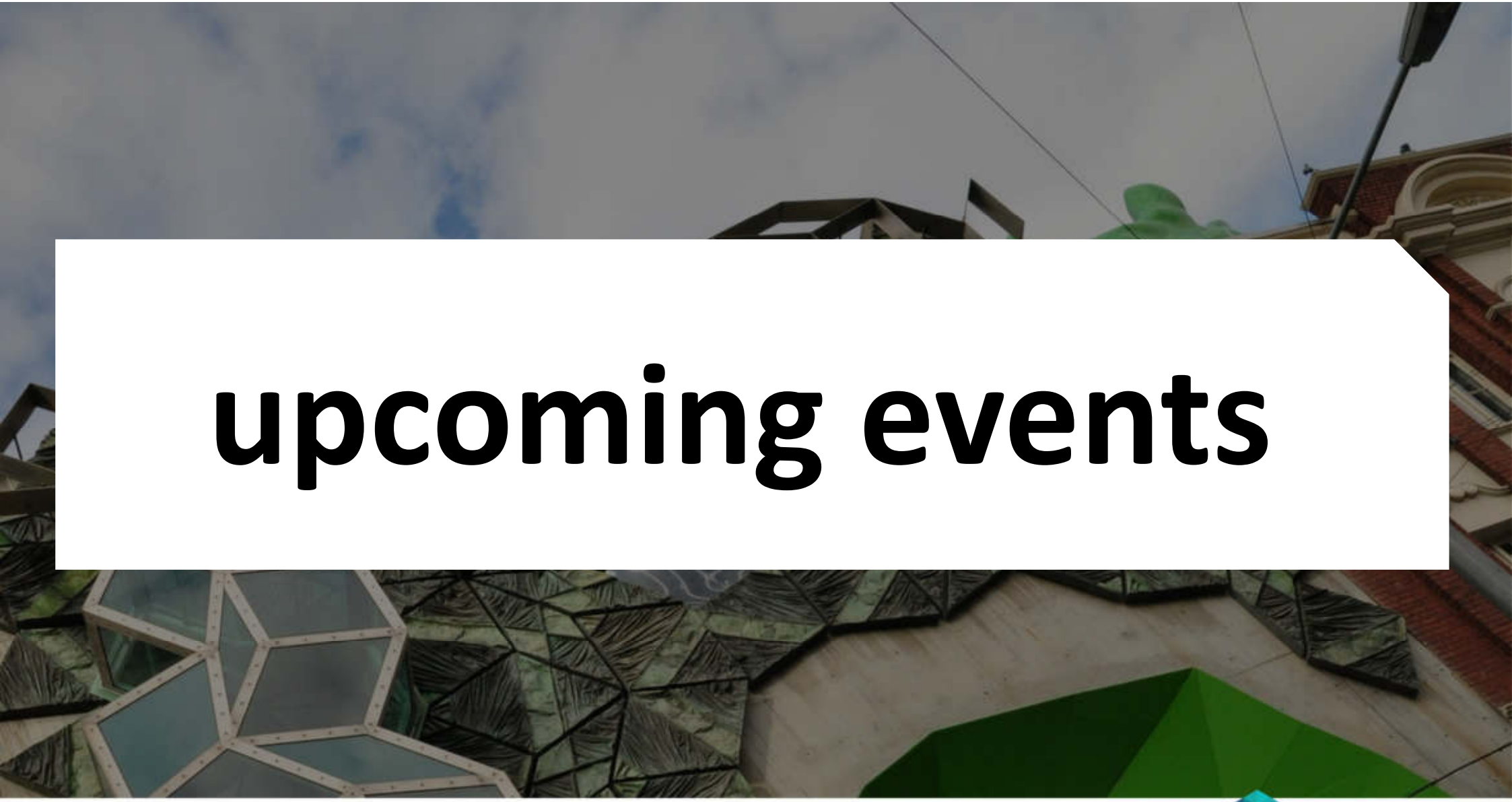

upcoming events

Technology Innovation in the Built Environment

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BILT ANZ

DBEI DIGITAL BUILT ENVIRONMENT INSTITUTE
Advancing people, processes, and technology

30 MAY – 01 JUN | MELB

- 90+ classes, labs and discussions
- Over 80 speakers over 3 days
- Relevant to architects, engineers, quantity surveyors, builders, facility managers and owners
- Topics including Virtual Reality, Digital Engineering, Reality Capture, DfMA, Virtual Design and Construction, Building Information Modelling, and Integrated Digital Delivery.

www.dbei.org

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Locate24
THE NATIONAL GEOSPATIAL CONFERENCE
International Convention Centre, Sydney | 7-9 May

ABOUT PROGRAM SPONSORSHIP SUBMISSIONS YEPS LO

Locate is the national conference of the Geospatial Council of Australia

As Australia's premier geospatial conference, Locate provides guests with a unique opportunity to learn about the latest trends and applications in geospatial technologies.

locate.geospatialcouncil.org.au

7-9 MAY | SYDNEY

Technology Innovation in the Built Environment

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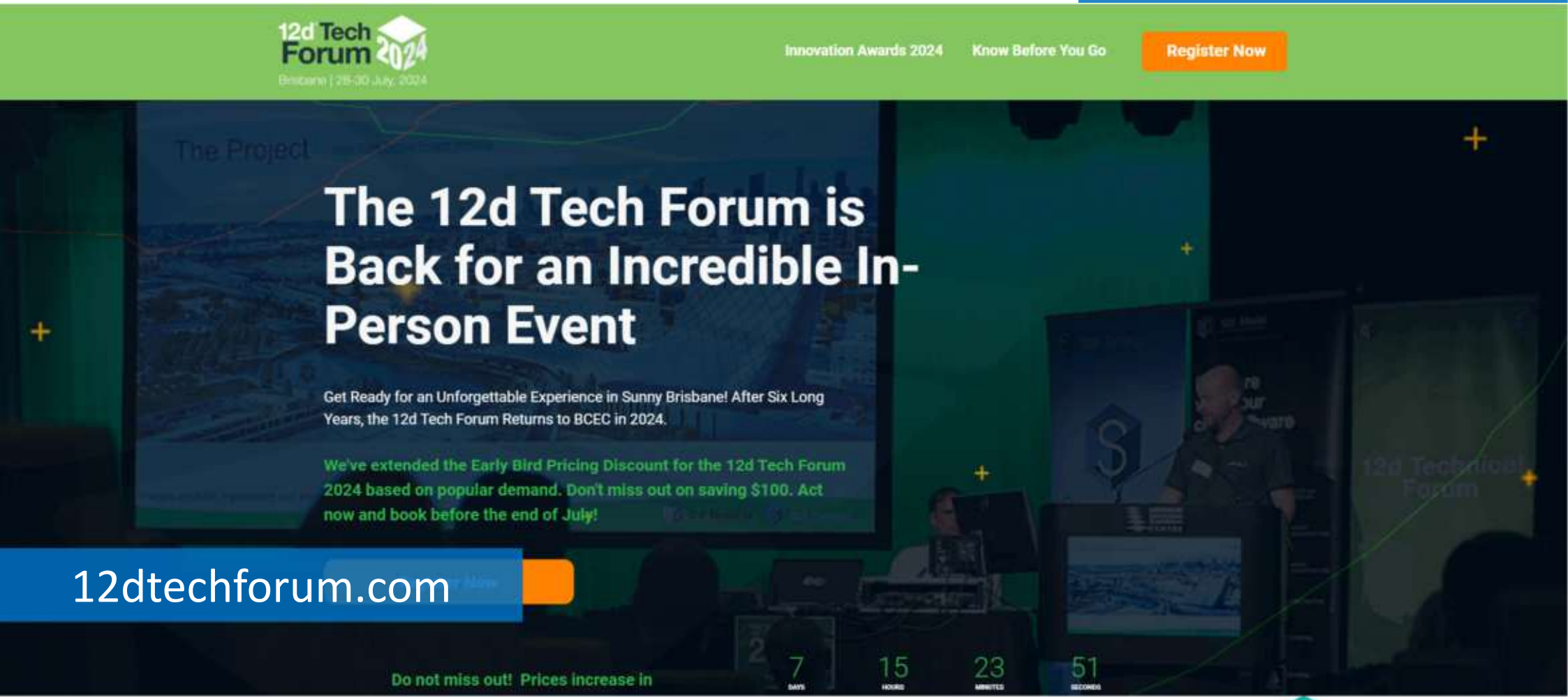
28-30 JUL | BRISBANE



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Women in BIM Conference Sydney

Snapshot

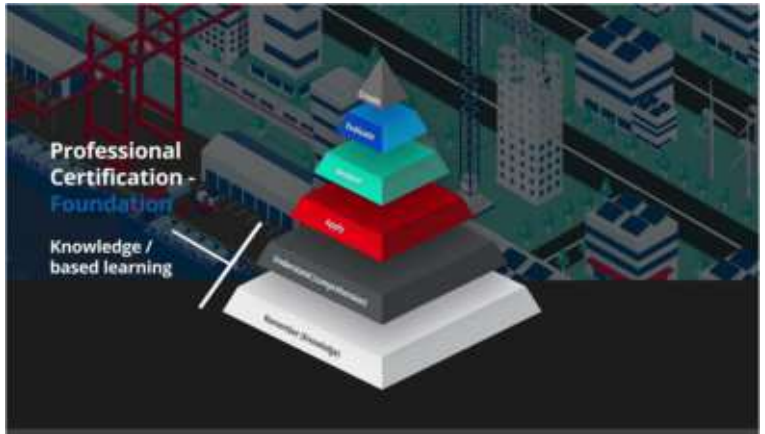
WIB Conference was a huge success with 180 attendees (women & men) supporting on the day.

Not a Women in BIM **Member** or **Ally** yet? Then you need to join the community, where you can make lasting business partnerships within the wider digital built environment, as well as gain new knowledge and skills and support diversity and inclusion.

Join WIB as a member or ally

Industry stuff

buildingSMART International



The BuildingSMART Professional Certification Program (PCERT) is quickly gaining international credibility as a mechanism to demonstrate competency in BIM-Digital Engineering. To date globally the statistics are impressive as international governments are using PCERT as a way to demonstrate capability of tenders. In Australia we are working with government agencies to adopt PCERT as a way a supplier can demonstrate competency in BIM. We will soon announce some exciting updates to the program for 2024.

Update: IFC 4.3 Working Group

IFC 4.3 (for Infrastructure) has been sent to the International Standards Organisation (ISO) for a final vote. All of the comments from the ISO review have been closed out. It is expected that the results of the voting should come back before the end of the year and there should be a finalised ISO standard for IFC4.3.

Exciting Partnership Announcement:

UTS and NSW Government Join Forces for Digital Engineering Education

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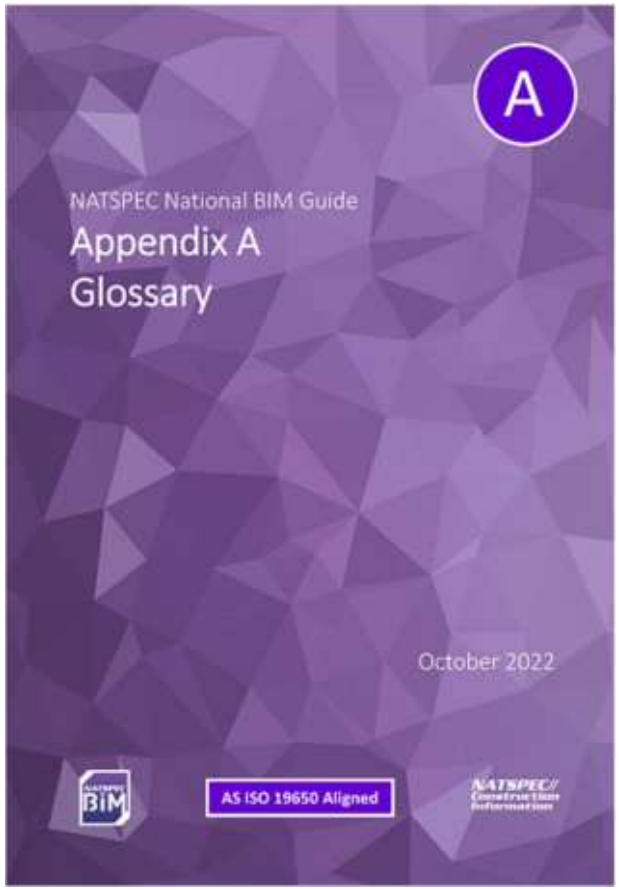
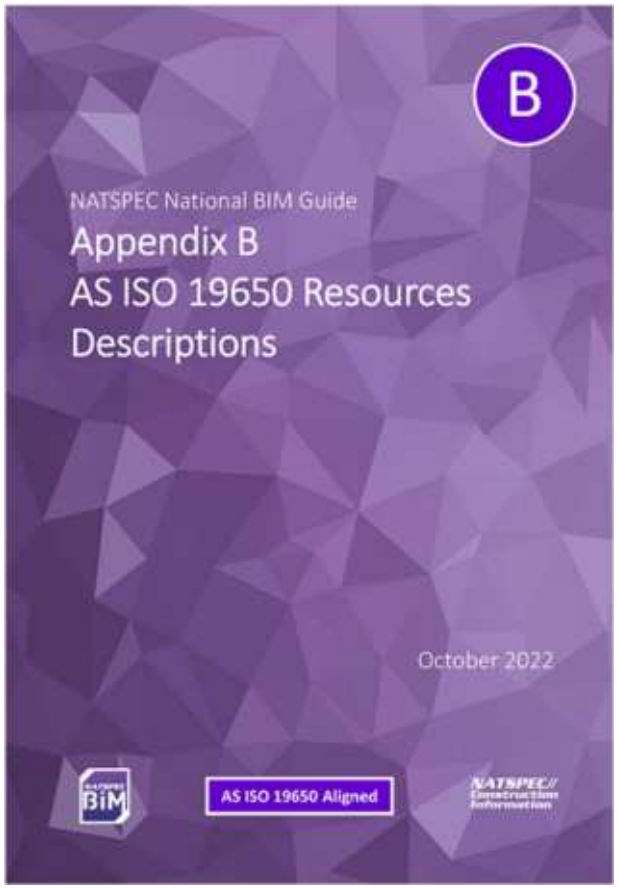
Key National BIM Documents

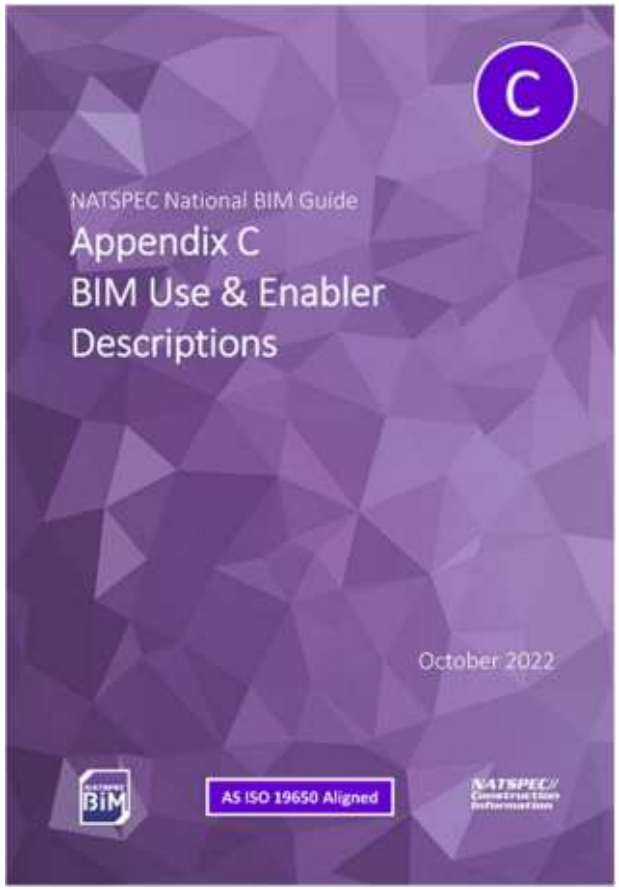
Consistent Language ISO 19650





Key National BIM Documents

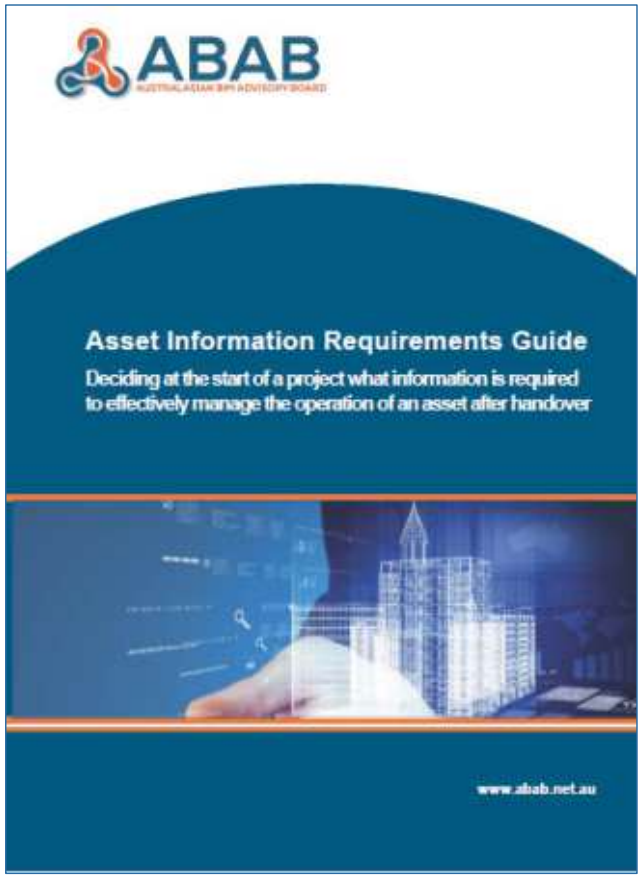
Clarity for Clients

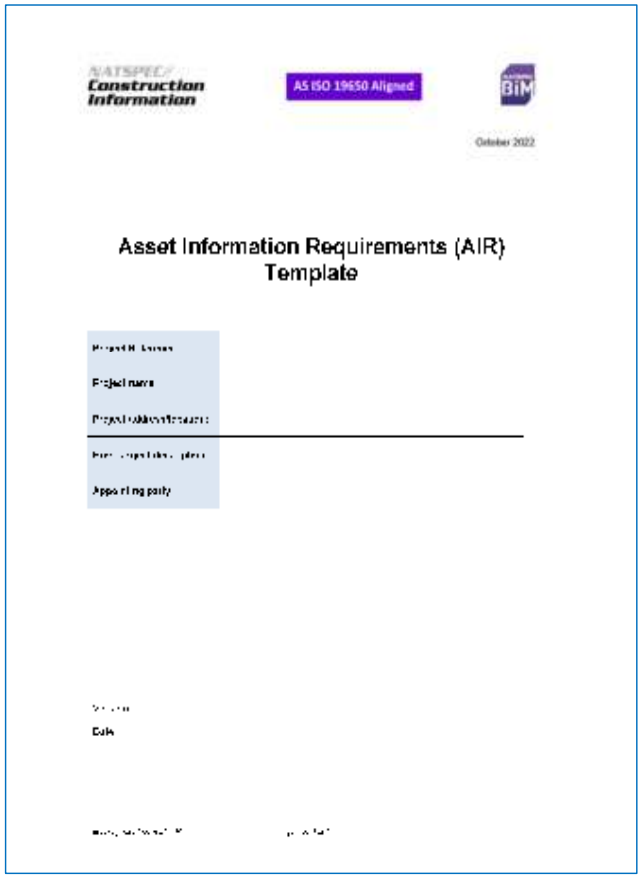


Technology Innovation in the Built Environment

Key National BIM Documents

Consistent client Information Requirements





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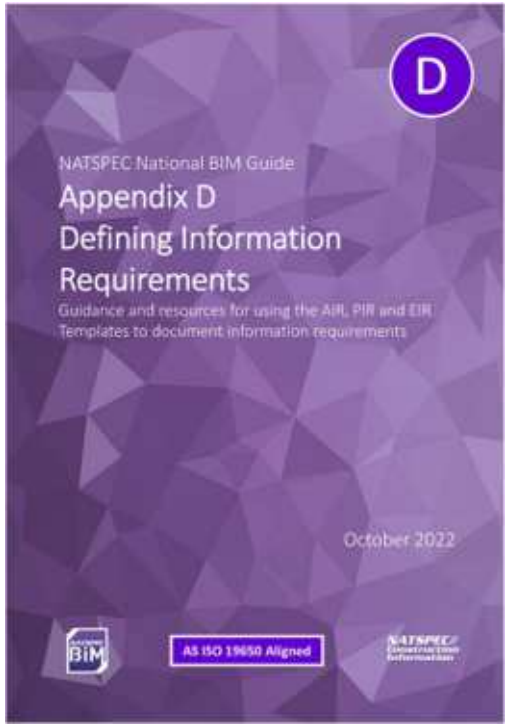
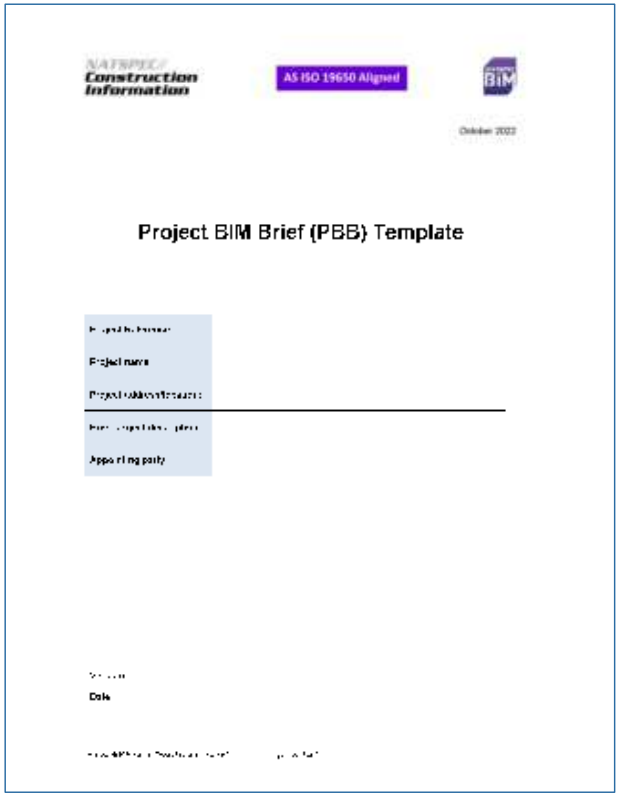
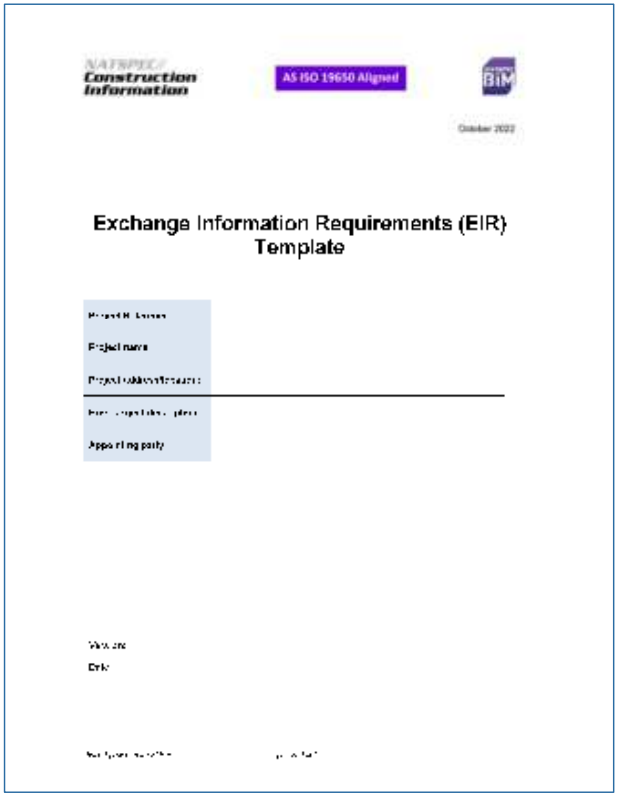
Key National BIM Documents

Consistent Project Information Requirements



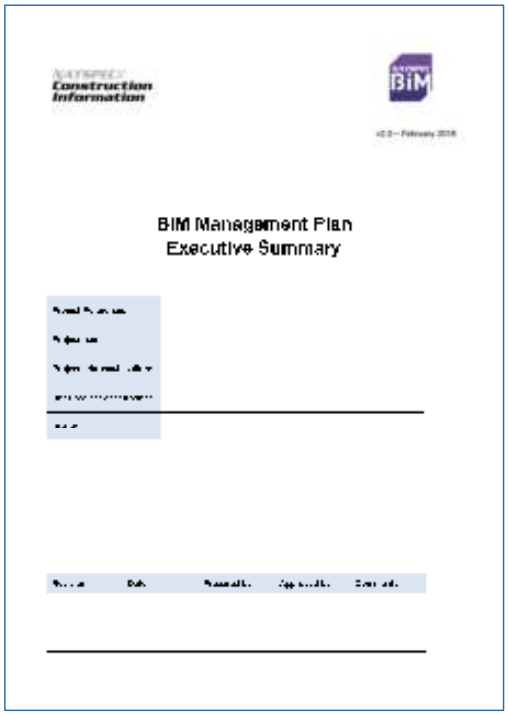




Technology Innovation in the Built Environment

Key National BIM Documents

Consistent BIM Templates



Free editable templates include

- AIR Template (ISO 19650 aligned)
- PIR Template (ISO 19650 aligned)
- EIR Template (ISO 19650 aligned)
- Project BIM Brief Template. This serves a similar function to the EIR and PIR templates. Useful for simpler projects and eliciting a BIM brief from clients.
- BIM Management Plan
  - BMP Executive Summary
  - BMP Design
  - BMP Construction
  - BMP Schedules

Virtual Buildings Information System

vbis.com.au

vbis.com.au/vbis-accredited

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New VBIS Tags Oct 2023

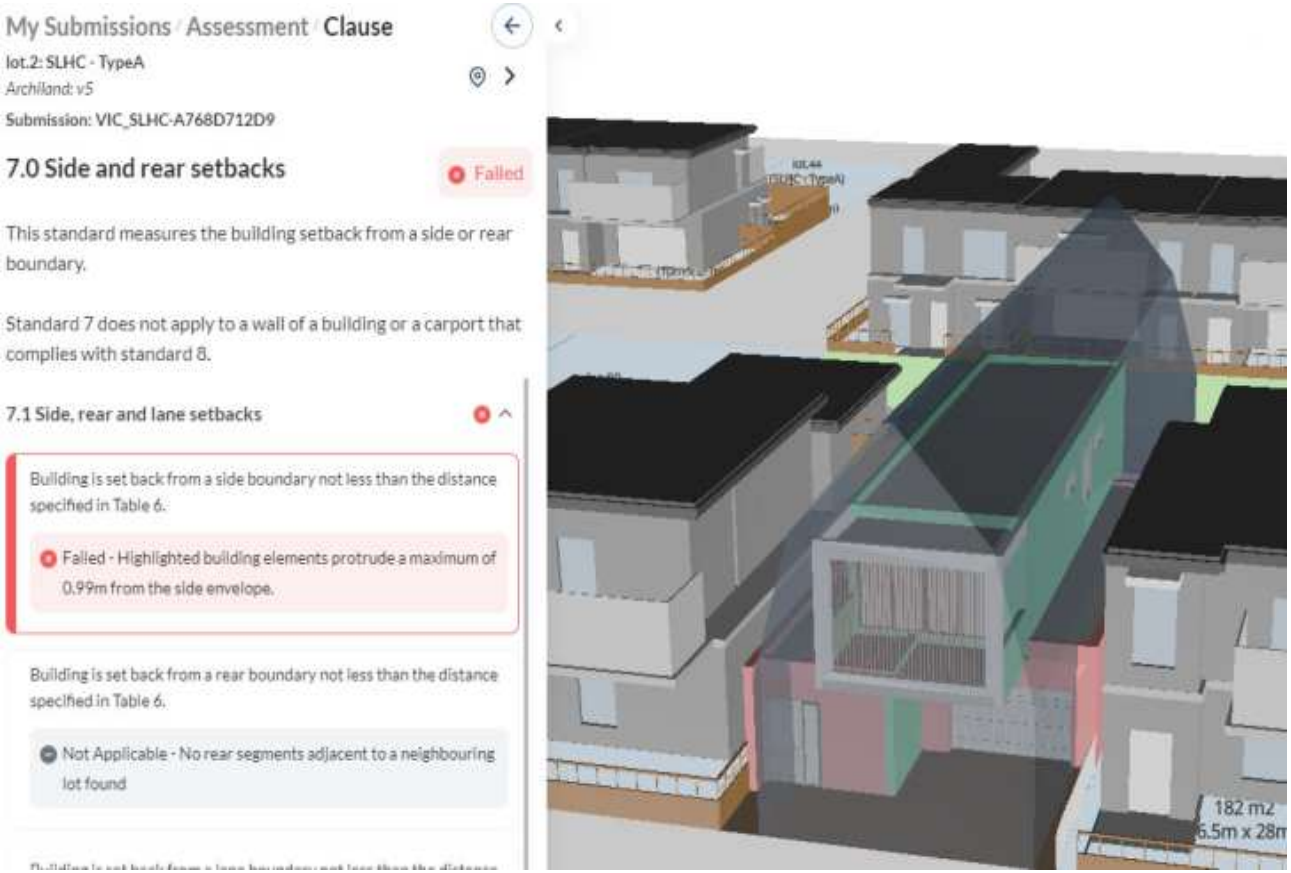
32 disciplines 8,500 classification tags

New VBIS Accreditation Launched

VBIS Accredited ensures that BIM data is validated to achieve the required application of the VBIS Standard. A certificate is issued for the project

Digital Twin Victoria - eComply Framework

Framework Launch Webinar



Register to attend

Follow the QR code to register

Tuesday 12th February

help set common standards for digital building designs for residential home development

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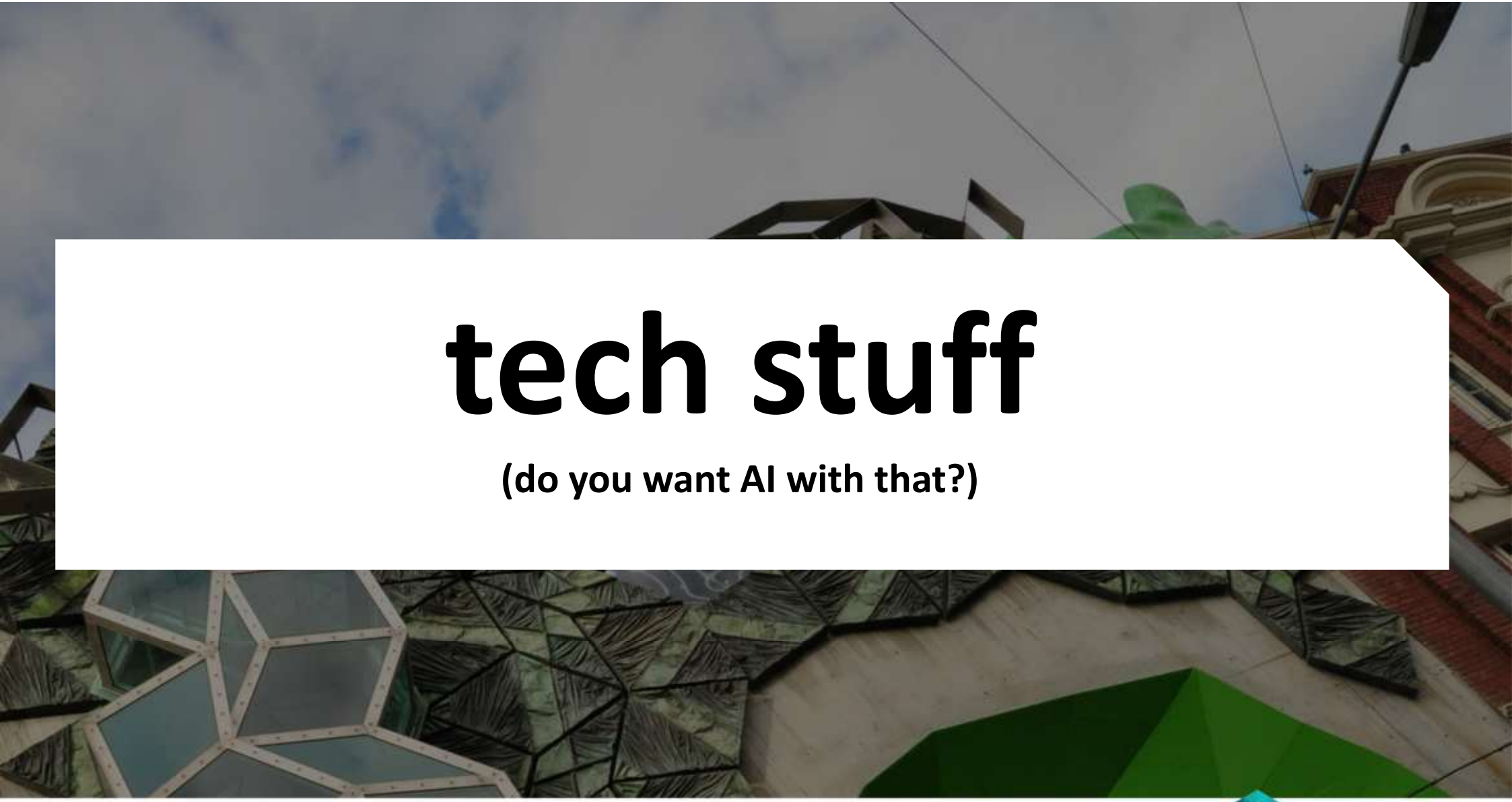

tech stuff

(do you want AI with that?)

previously…

ConstructGPT

CONSTRUCTION INTELLIGENCE

Arriving soon ...

Our waiting list for early access is now closed.

today…

CONSTRUCTGPT

AI CONSTRUCTION ASSISTANT

Question/Prompt

→ Do i need to know iso 19650 if i am an engineer in australia

constructgpt.com

LEARN TO EMBRACE YOUR AI OVERLORDS

AI BIM CONCEPT DESIGN FEATURED NEWS

Skema.ai conceptual design and re-use engine for Revit launches

The Skema Software Suite is the only AI-powered conceptual design environment that generates highly detailed and fully integrated Revit models

Skema is a brand new technology that delivers a step change in design automation

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Technology sector

OpenAI 'was working on advanced model so powerful it alarmed staff'

Reports say new model Q* fuelled safety fears, with workers airing their concerns to the board before CEO Sam Altman's sacking

Dan Milmo *Global technology editor*

Fri 24 Nov 2023 02.53 AEDT

OpenAI CEO and founder Sam Altman has been reinstated as boss. Photograph: Jaap Arriens/NurPhoto/Shutterstock

OpenAI was reportedly working on an advanced system before Sam Altman's sacking that was so powerful it caused safety concerns among staff at the company.

The artificial intelligence model triggered such alarm with some OpenAI researchers that they wrote to the board of directors before Altman's dismissal warning it could threaten humanity, Reuters reported.

The model, called Q* - and pronounced as "Q-Star" - was able to solve basic maths problems it had not seen before, according to the tech news site the

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AI 'was working on advanced el so powerful it alarmed staff'

y new model Q* fuelled safety fears, with workers airing erns to the board before CEO Sam Altman's sacking

O and founder Sam Altman has been reinstated as boss. Photograph: Jaap hoto/Shutterstock

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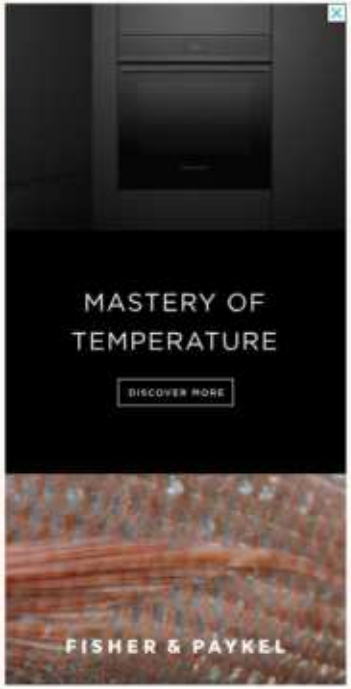
Being a human is weird and awkward – but I've learned to embrace and laugh about it

Deirdre Fidge

After a lifetime cursed with awkward social interactions, learning to take myself less seriously has been a wonderful gift

'Some of us are a bit awkward, and some of us are kind and understanding to those who are' ... writer and social worker Deidre Fidge

I've gotten to know my postman. Being home during the day means I'm there to answer the door and exchange chit-chat. Sometimes about the weather, sometimes about my dogs who greet him with unfortunate stereotypical anger. Occasionally, I'll pass him in the street and we wave or smile. How nice ... in theory. Somehow, in every instance there is an awkwardness, a palpably tense energy of a high school play where someone is doing their best but keeps flubbing a line, standing off-mark or having their



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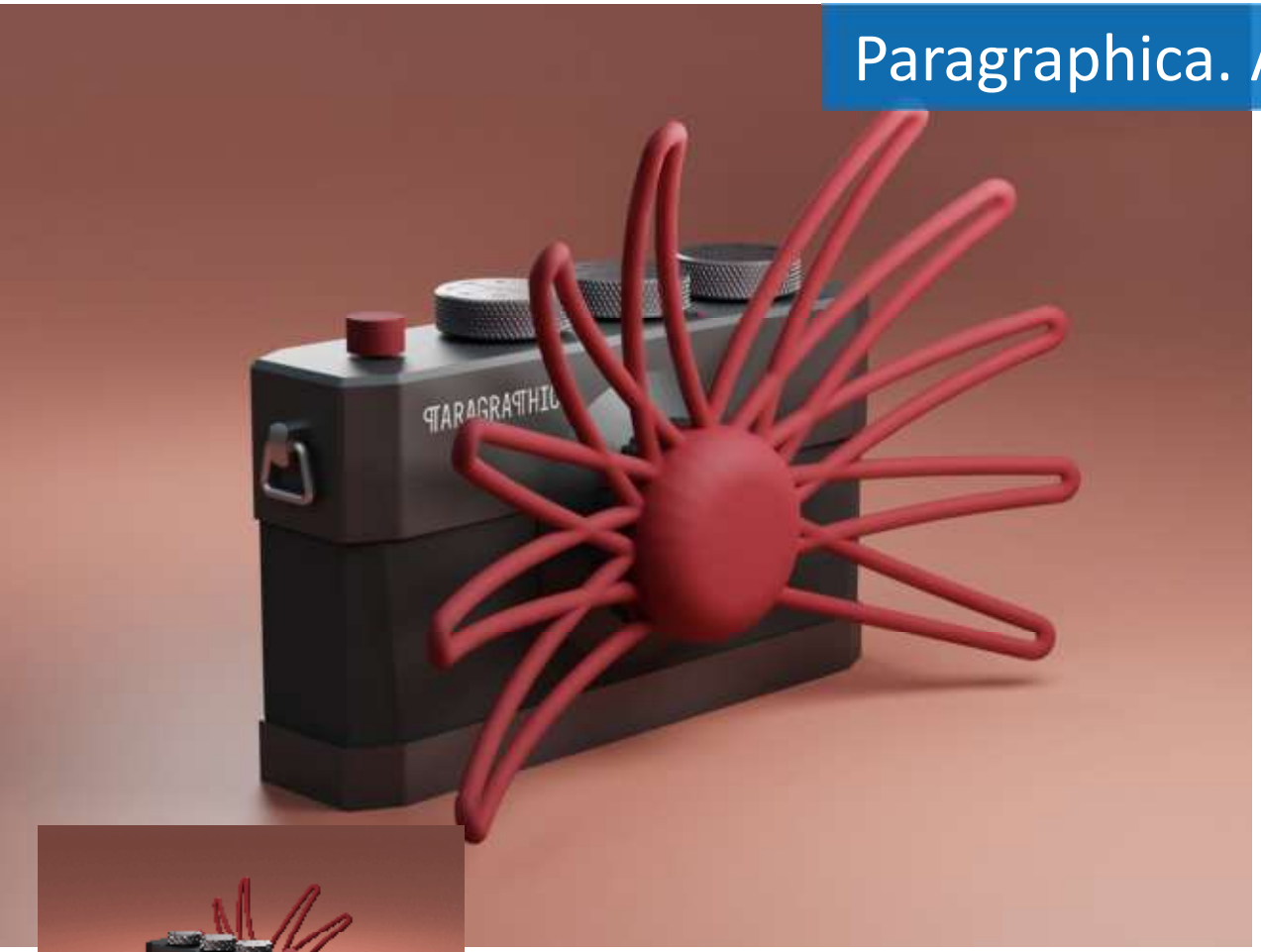
Paragraphica. A camera with no lens because AI



Captures GPS location / time / date / weather / nearby landmarks etc.
Creates a non-graphic description that is passed to Stable Diffusion = “photo”
The red thing is inspired by the star-nosed mole

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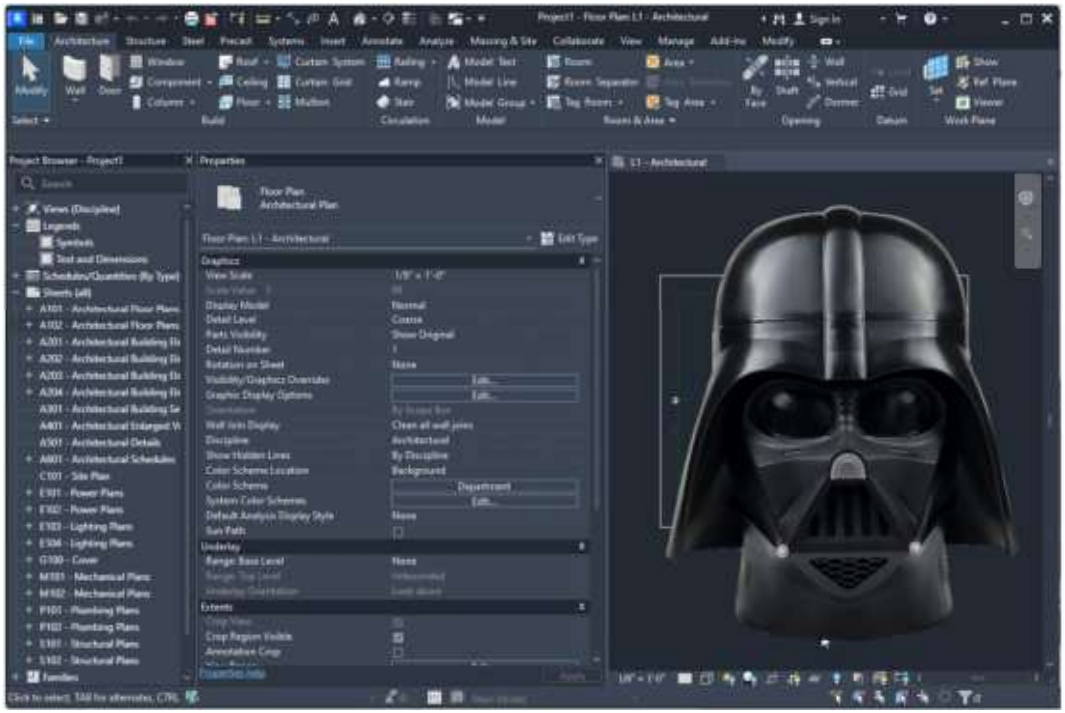
Revit 2023

Revit 2024



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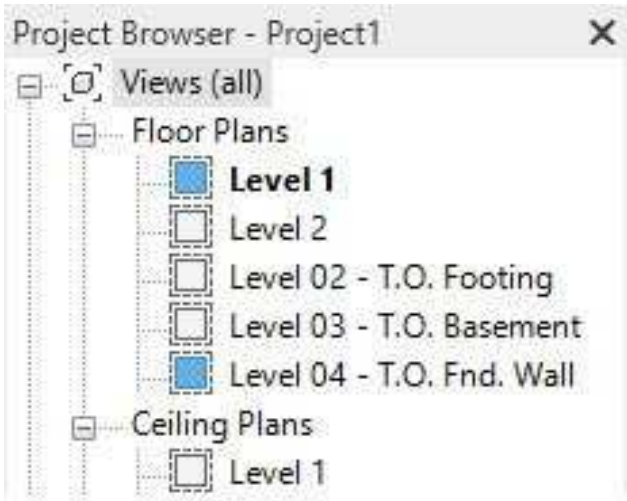
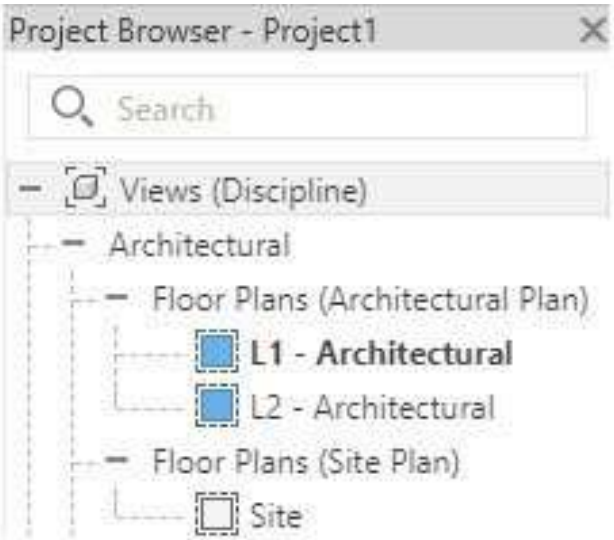
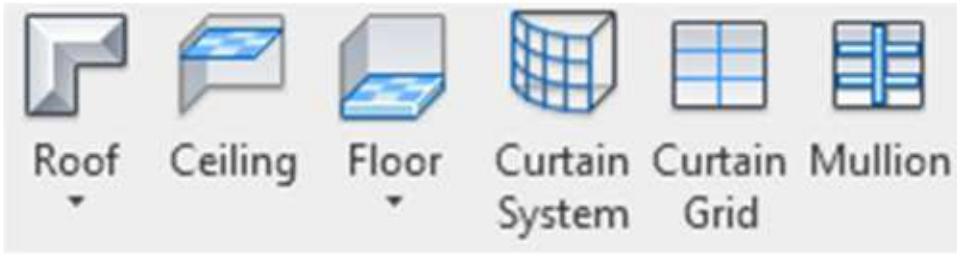


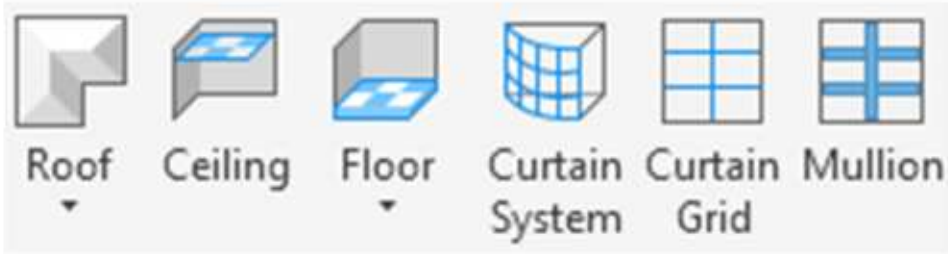
Revit 2023



Revit 2024



Revit 2023



Revit 2024

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MelBIM is supported by a volunteer committee. Started in 2015, with 29 events held.

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- **Feedback**
- **Topics**
- **Speakers**
- **Formats**

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