



[→ EXHIBITING INFO](#)

[REGISTER](#)

# MELBOURNE BUILD EXPO

Melbourne OCT 22-23



22-23 OCTOBER  
MCEC

THE LARGEST CONSTRUCTION & DESIGN SHOW IN  
VICTORIA

[Interested in Exhibiting or Sponsoring?](#)

[Download information](#)

REGISTER NOW

# Women in BIM Conferences

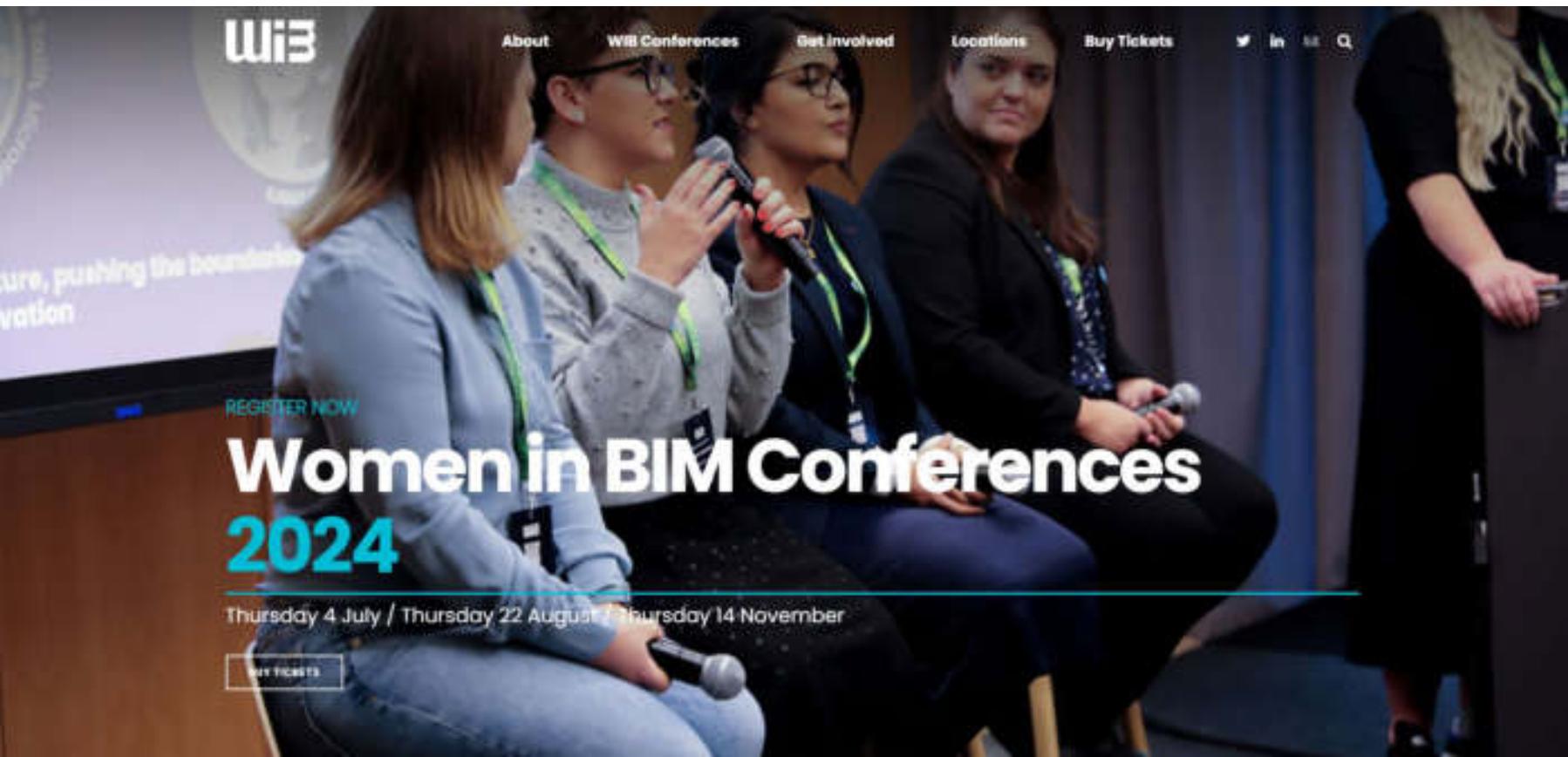
## 2024

Thursday 4 July / Thursday 22 August / Thursday 14 November

BUY TICKETS

WOMEN IN BIM CONFERENCE

Melbourne NOV 14



Topics include:

- › **Keynote: Discover Your Impact and Shape the FutureAI transforming BIM**
- › Unlocking the potential for data driven processes across the asset lifecycle
- › Understanding the Digital Asset Lifecycle : Key steps to enabling connectivity between data sets
- › Equality in Construction
- › **Future of education, Project Mobilisation, and Leadership**
- › Neurodiversity and gender diverse youth
- › How mentoring can support in unlocking the hidden potential of young people in digital

**WOMEN IN BIM CONFERENCE**

**Melbourne NOV 14**

YOUR GUIDE TO

# INTERNATIONAL CONFERENCE ON DECARBONISING THE BUILDING INDUSTRY

DBI 2024, 18-19 NOV, MELBOURNE

“JUST SAY NO” TO CARBON  
CONFERENCE

Melbourne NOV 18-19

[REGISTRATION](#)

Our Sponsors:



DIGITAL BUILT  
WORLD SUMMIT

Sydney FEB 18-19



# 4TH ANNUAL DIGITAL BUILT WORLD SUMMIT

18-19 February 2025 | Doltone House Darling Island, Sydney

Australia's leading event focused on the digital transformation of infrastructure  
assets & the built environment

DIGITAL TWINS – AUTOMATION - ASSET MANAGEMENT – ENGINEERING -  
INFRASTRUCTURE 4.0

[REQUEST PARTNERSHIP PROSPECTUS](#)

[DOWNLOAD BROCHURE](#)



**WORKING  
WEEK 2025**

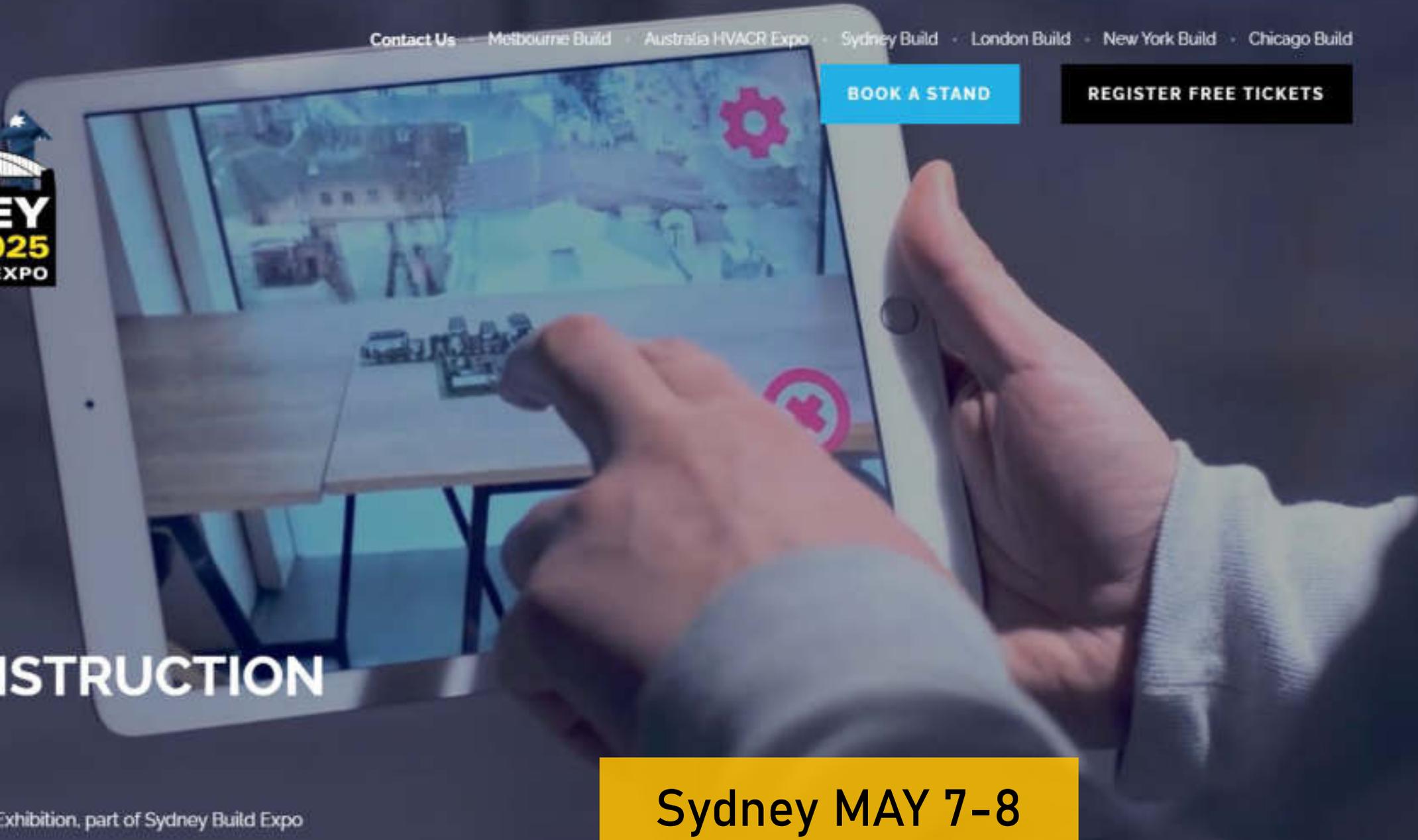
AND

**Locate25** | **G**  
THE NATIONAL GEOSPATIAL CONFERENCE

Save the  
Date

MAP NERDS AND GIS  
WEIRDOS CONFERENCE

Brisbane MAY 6-10



BOOK A STAND

REGISTER FREE TICKETS

# DIGITAL CONSTRUCTION AUSTRALIA

Australia's Largest Digital Construction Exhibition, part of Sydney Build Expo

Sydney MAY 7-8

BOOK A STAND

REGISTER FREE TICKETS

# SYDNEY BUILD + DIGITAL CONSTRUCTION AUSTRALIA

FCON25

HOME AGENDA SPEAKERS PARTNERS CONTACT US VENUE

FUTURE OF  
CONSTRUCTION  
SUMMIT

Brisbane MAY 20-21



# 5TH ANNUAL FUTURE OF CONSTRUCTION SUMMIT

20-21 May, 2025 | Royal International Convention Centre, Brisbane

The annual gathering for the people and companies redefining Australia's  
construction industry

CONFERENCE | EXHIBITION | NETWORKING EVENTS

PARTNERSHIP PROSPECTUS

REQUEST PROGRAM



## VTDE Town Hall

### Details

#### Hear 2024 highlights and 2025 priorities at the VTDE Town Hall

The VTDE program is empowering people across the whole of Victorian Transport with digital engineering (DE) innovation and quality, connected asset information.

VTDE is rapidly moving through Horizon 3 of a multi-year program with a focus on realising the benefits of implementing new digital engineering systems, tools, processes and standards.

Tune into the final VTDE Town Hall for 2024 on the 15th November to hear all that's to come before Horizon 4 commences in July 2025.

- › Horizon 3 in review and Horizon 4 scope preview
- › Finalisation of DTP's Asset Information Requirements (AIR)
- › A **PASS Assets replacement** update as the program moves toward the 3rd February 2025 Go-Live
- › Demonstrations highlighting the features in DTP and VIDA's new **DE applications**
- › An update on modelling and imagery **standards**
- › **Project pilots** review
- › A summary of training opportunities as we head into 2025




**Save the Date:**  
2-3 July 2025, UTS, Sydney

Anyone who attended this year's inaugural Xchange event will recall how valuable and inspiring it was. So prepare for 2025 - we hope to make it even bigger and even better! Start by putting July 2nd and 3rd in your diary and join us once more at UTS to learn and Xchange ...

Become a paid member of buildingSMART Australasia to get a **discount and priority tickets** to the 2025 event.

Expressions of Interest for Sponsors and Speakers for 2025 are now welcome. Priority for Sponsorship options

View the 2024 webpage for presentations, agenda and photogallery

**Sydney JUL 2-3**

**BUILDINGSMART**




**GENERAL ASSEMBLY OF IMPLEMENTERS**  
WEDNESDAY 28<sup>TH</sup> AND THURSDAY 29<sup>TH</sup> AUGUST 2024  
TRIMBLE HQ, WESTMINSTER, COLORADO, USA

**IFC5**  
General Assembly of Implementers Meeting, USA

Late August, Jon Mirtschin (buildingSMART Australasia Board Director) attended the buildingSMART International General Assembly of Implementers, hosted at Trimble HQ in Denver (Colorado). Presentations and discussions covered topics relating to bSI standards for Information Delivery Specification (IDS), buildingSMART Data Dictionary and IFC4.3 Implementations. Also on the agenda was a session on the new IFC Validation Service and how this will relate to the new software certification process. Working groups also presented progress on alpha development of IFC5, including how this might relate to technology such as Universal Scene Description for permitting multiple authors contributing to a common data model.

- > Jon Mirtchin kicking butt
- > IFC3.4
- > IFC5 alpha
- > Other things beyond my paygrade

buildingSMART International and the Industrial Digital Twin Association Sign Cooperation Agreement



**Xchange 2025**  
Sydney | 2-3 July

**Save the Date:**  
2-3 July 2025, UTS, Sydney

Anyone who attended this year's inaugural Xchange event will recall how valuable and inspiring it was. So prepare for 2025 - we hope to make it even bigger and even better! Start by putting July 2nd and 3rd in your diary and join us once more at UTS to learn and Xchange ...

Become a paid member of buildingSMART Australasia to get a **discount and priority tickets** to the 2025 event.

Expressions of Interest for Sponsors and Speakers for 2025 are now welcome

View the 2024 webpage for presentation slides and photo gallery



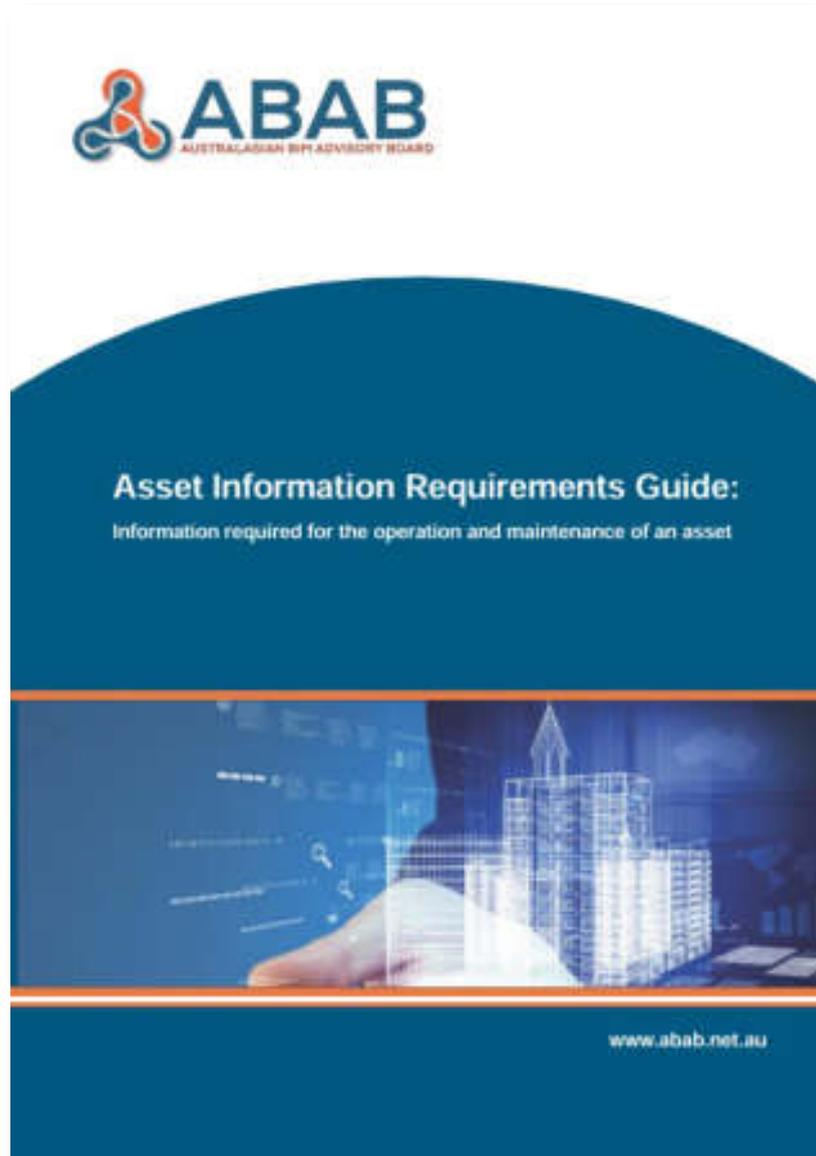
- › Promote open digital interoperability within the built environment.
- › Collaboration will focus particularly on the use of the IFC, industrial digital twins, and the role of the Asset Administration Shell (AAS).

**BUILDINGSMART**

**Sydney JUL 2-3**

# NATSPEC

the national building specification



- › Collaborating for some time
- › Commencing a review of all documents
- › Industry feedback is welcome
- › [bim@natspec.com.au](mailto:bim@natspec.com.au)
- › send by December 1



- › Starts with the AIR Guide



# BIM-MEP<sup>AUS</sup> 2.0

Reset of the initiative

New partnership with  **CONNECTED  
BUILT**

Reconnection with MEP industry

**Melbourne (re)launch event coming soon**

and.... roadshow events across Australia.  
Look for announcements on LinkedIn – BIM-MEP<sup>AUS</sup>

[www.bimmepaus.com.au](http://www.bimmepaus.com.au)



[www.linkedin.com/company/bim-mepaus](http://www.linkedin.com/company/bim-mepaus)



Reset of the initiative

New partnership with  **CONNECTED  
BUILT**

Reconnection with MEP industry

**Melbourne (re)launch event coming soon**

and.... roadshow events across Australia.  
Look for announcements on LinkedIn – BIM-MEP<sup>AUS</sup>

A national 'standard practice' for BIM – specifically focusing on MEP services throughout the design, construction and operation of a building.

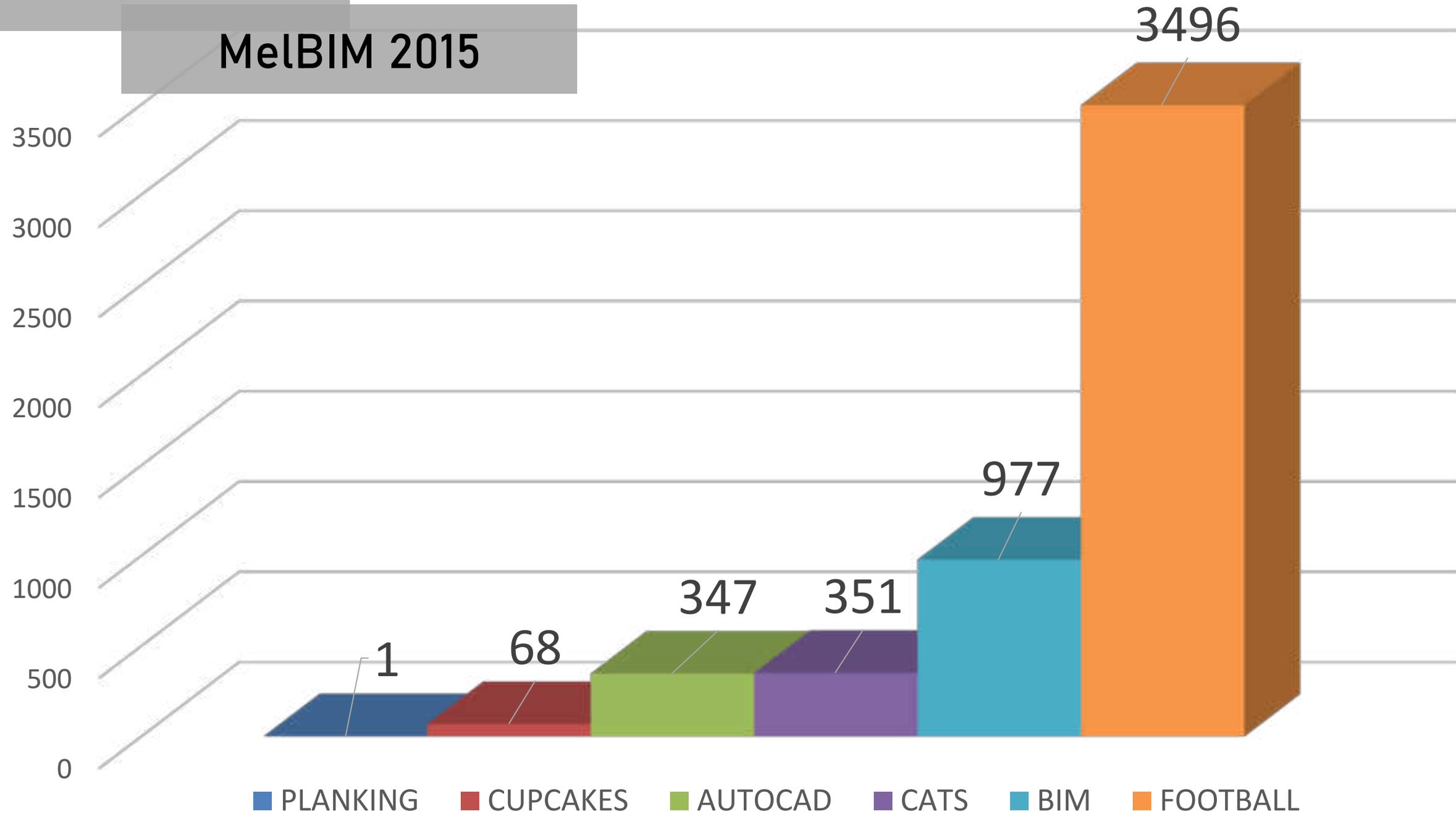
**BIM-MEP<sup>AUS</sup> standards include:**

- › Workflows
- › Guideline documents
- › Specifications for systems, plant, equipment and fittings;
- › Content – Template and Models
- › Product Data Templates

# LINKEDIN RESEARCH

LinkedIn Groups

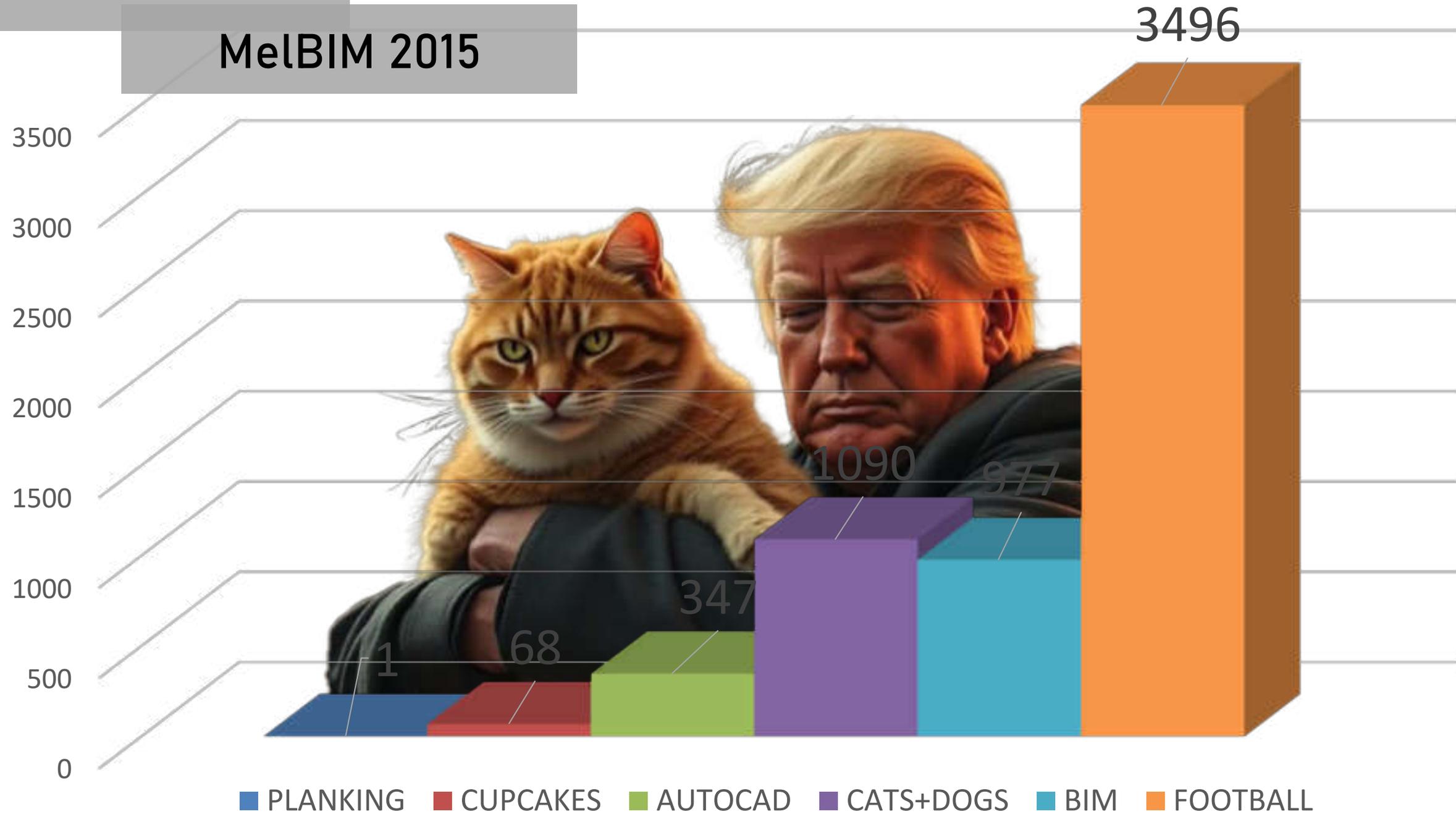
MelBIM 2015



# LINKEDIN RESEARCH

LinkedIn Groups

MelBIM 2015



# LINKEDIN RESEARCH

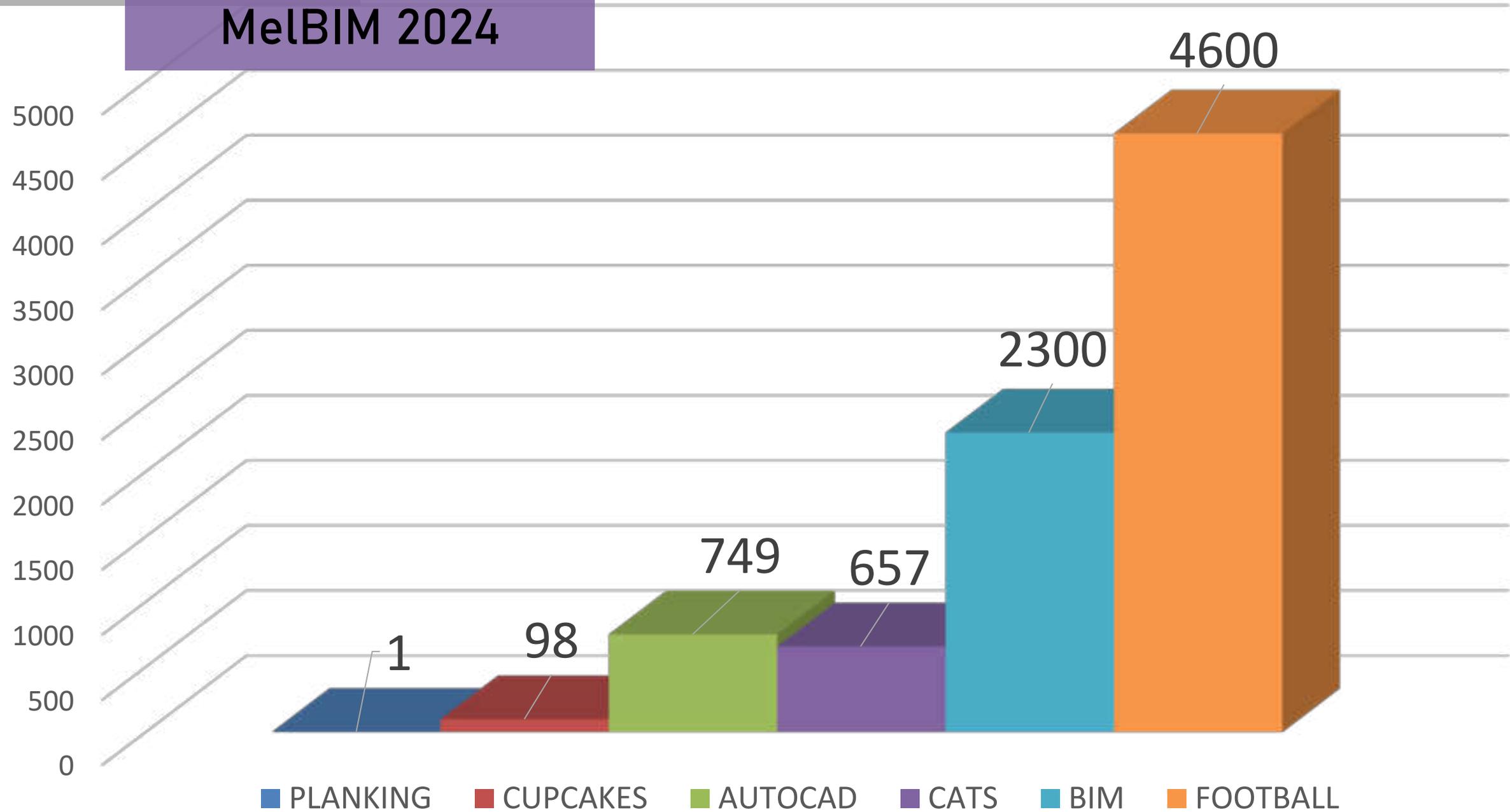
MelBIM 2024



# LINKEDIN RESEARCH

LinkedIn Groups

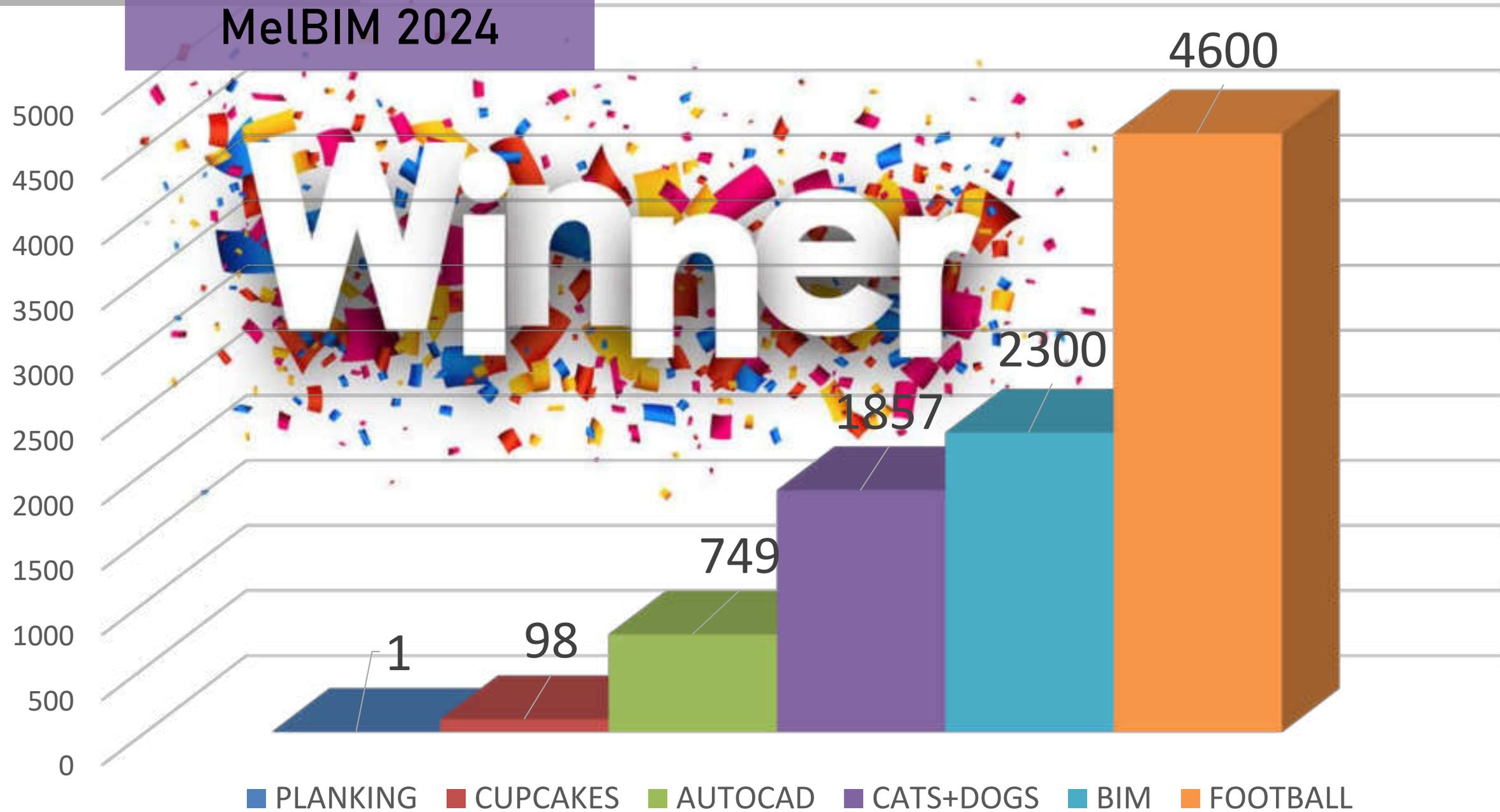
MelBIM 2024



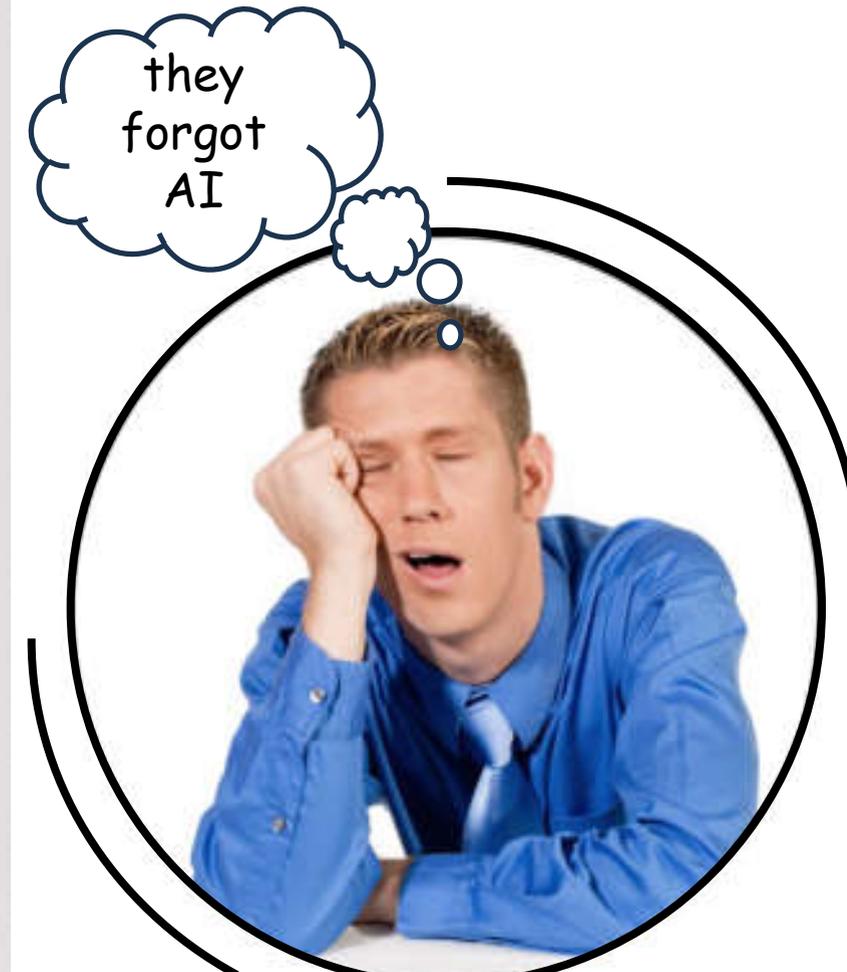
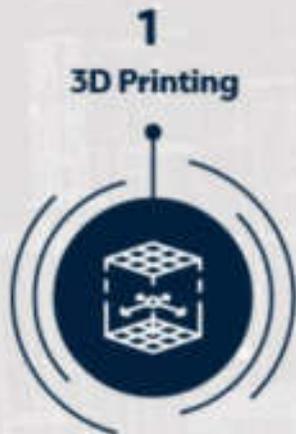
# LINKEDIN RESEARCH

LinkedIn Groups

MelBIM 2024



# 5 BIM Trends Driving the **AEC Industry** in 2024



6

Wake me up when there's something new

help me design an emergency stairwell

Designing an emergency stairwell involves several critical considerations to ensure safety and compliance with building codes. Here's a comprehensive guide based on the relevant codes from the NCC 2022 Volume One - Building Code of Australia.

### Key Considerations for Emergency Stairwell Design

#### 1. Location and Accessibility:

- The stairwell should be located in a way that is easily accessible from all parts of the building.
- Ensure that the stairwell is clearly marked and visible to occupants.

#### 2. Width and Capacity:

- The width of the stairwell must accommodate the expected number of occupants evacuating the building. Generally, a minimum width of 1.0 meter is recommended, but this may vary based on occupancy load.

#### 3. Fire Resistance

- The stairwell must be enclosed in a fire-resisting shaft. According to NCC 2022, the fire-resistance level (FRL) for the walls should be at least 120/120/120 for Type A construction buildings (C3D11#page=120)).
- Ensure that the stairwell is separated from other parts of the building to prevent smoke and fire.

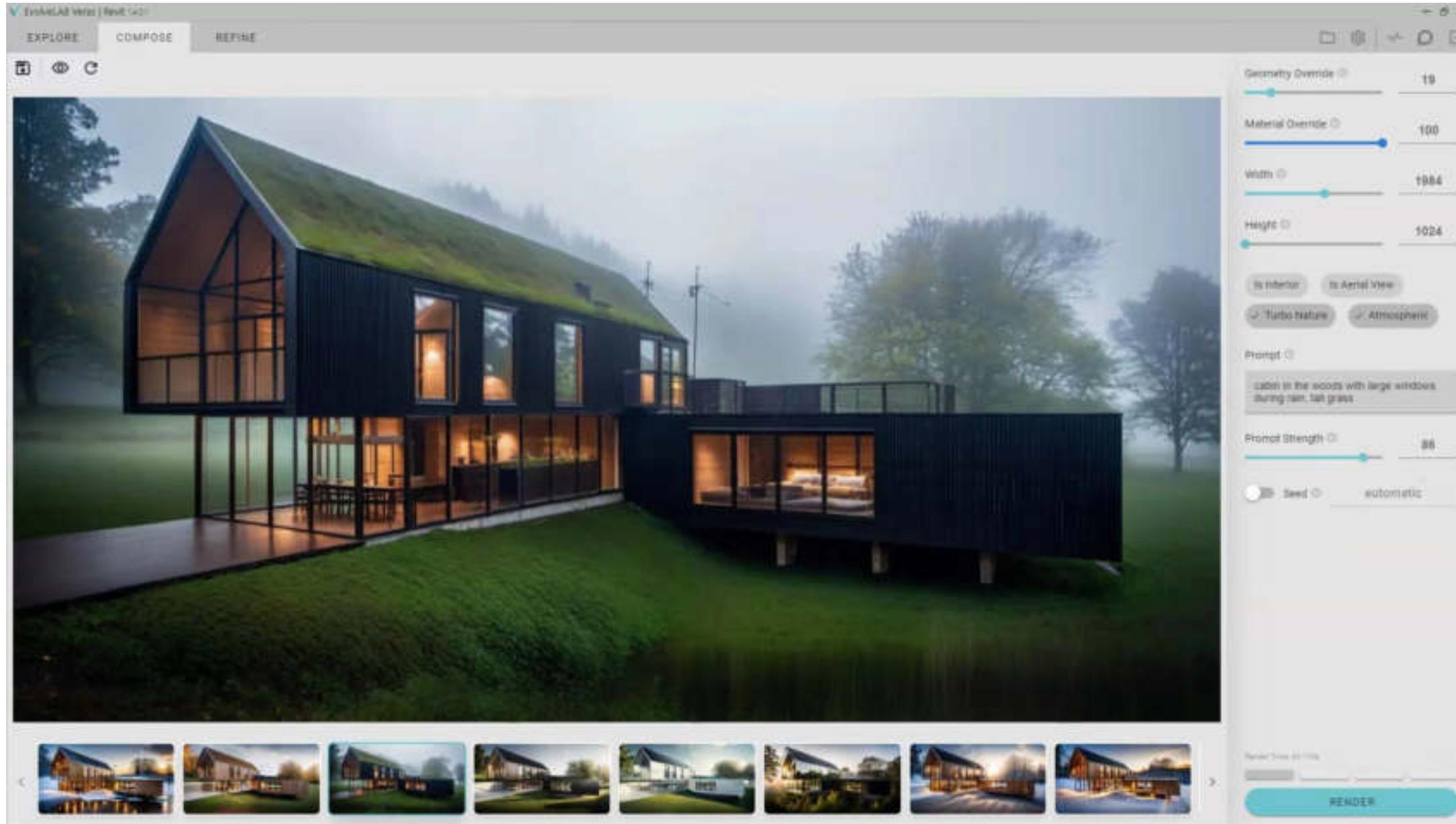
Hi Archit...

archie is an AI and can make mistakes. Always check responses. All information referenced is copyright of Commonwealth of Australia and the States and Territories, published by the Australian Building Codes Board.



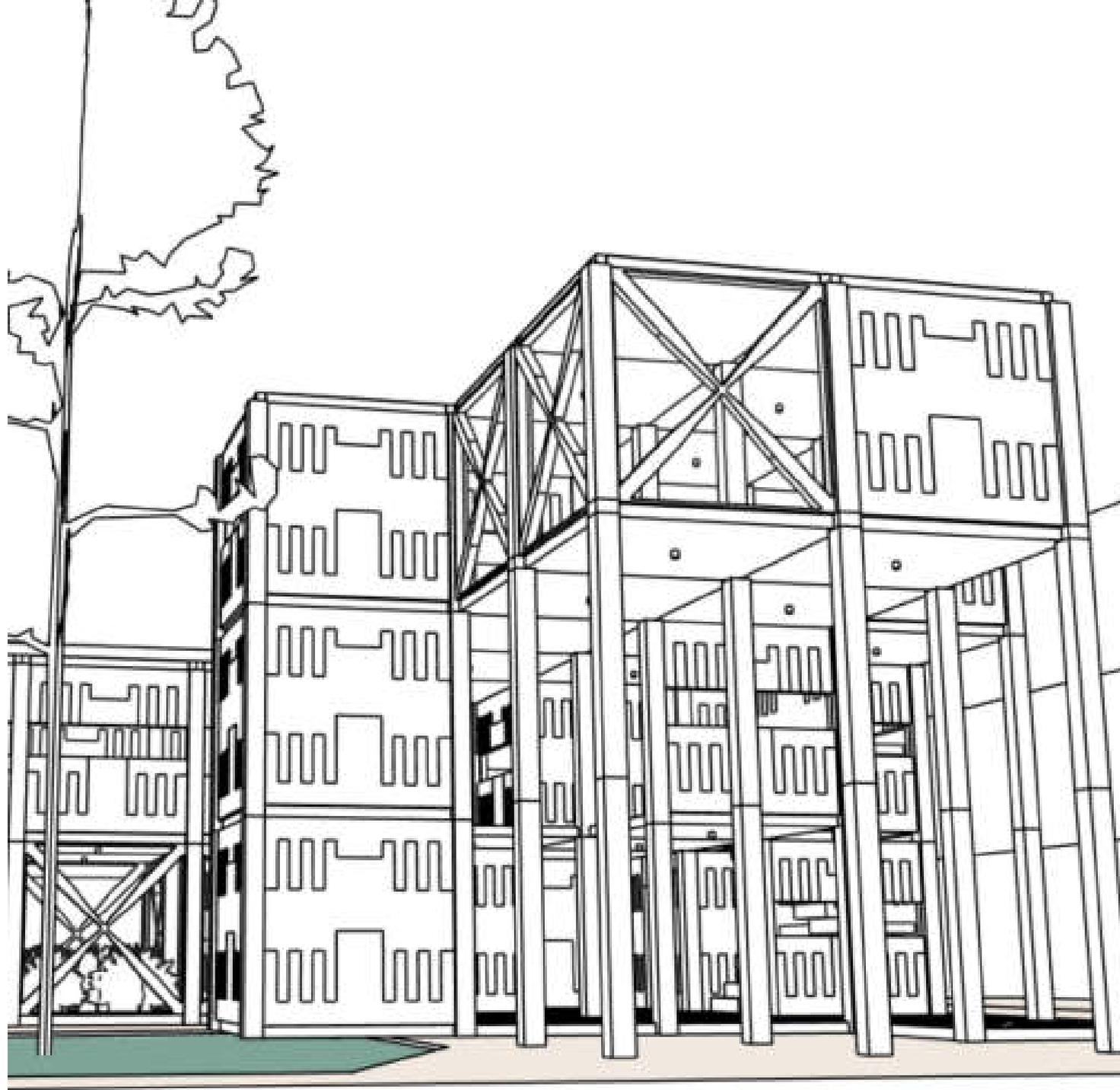


bim innovation new exciting



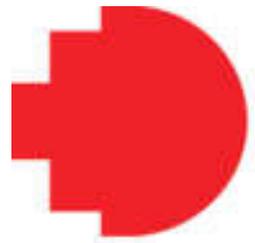
Veras + Archicad - Release 1.9.5.0

Veras is an AI-powered visualization app for SketchUp, Revit, Rhinoceros, Vectorworks, now ArchiCAD

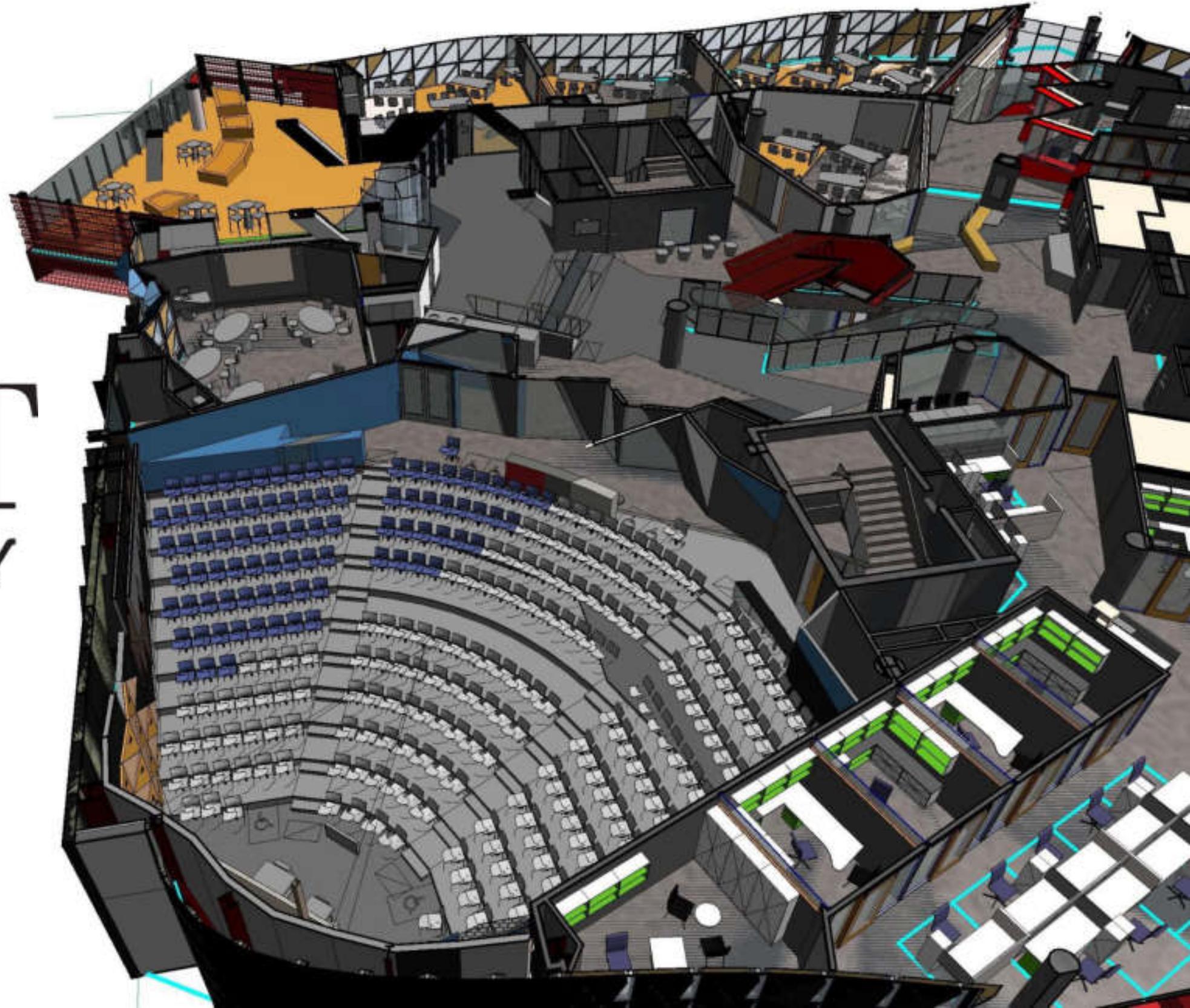


NOT POSSIBLE

WITHOUT



**RMIT**  
UNIVERSITY



NOT POSSIBLE

WITHOUT

OUR AWESOME SPONSOR

Two glasses of beer with foam, one with the ARKANCE logo. The glasses are filled with golden beer and topped with a thick head of white foam. They are placed on a dark wooden surface. The background is a warm, yellowish glow.

  
ARKANCE

AND SPEAKERS

SIMON GIBBS  
JOY DELA CRUZ  
BEN MAY



Nicholas Broadbent  
Will Joske  
Luke Johnston  
Brad Strauss



Chris Houghton  
Julia Allen  
Steve Appleby





Technology Innovation in the Built Environment