

# Building big, digital dreams: Is leadership needed?

**4 July 2024**

# ABAB's Role

- Promote BIM with consistent standards across Australasia
- Maintain oversight of key efforts occurring in BIM
- Identify gaps and promote solutions across Australasia
- Promote new approaches, standards, tools, theories and technologies
- ABAB is an impartial bridge between key stakeholders



# Australian BIM Strategic Framework



- Providing clear direction about government BIM adoption and requirements
- Developing and adopting standards and ensuring an open and common data environment
- Enhancing procurement and contractual arrangements
- Encouraging the development of skills and building capabilities

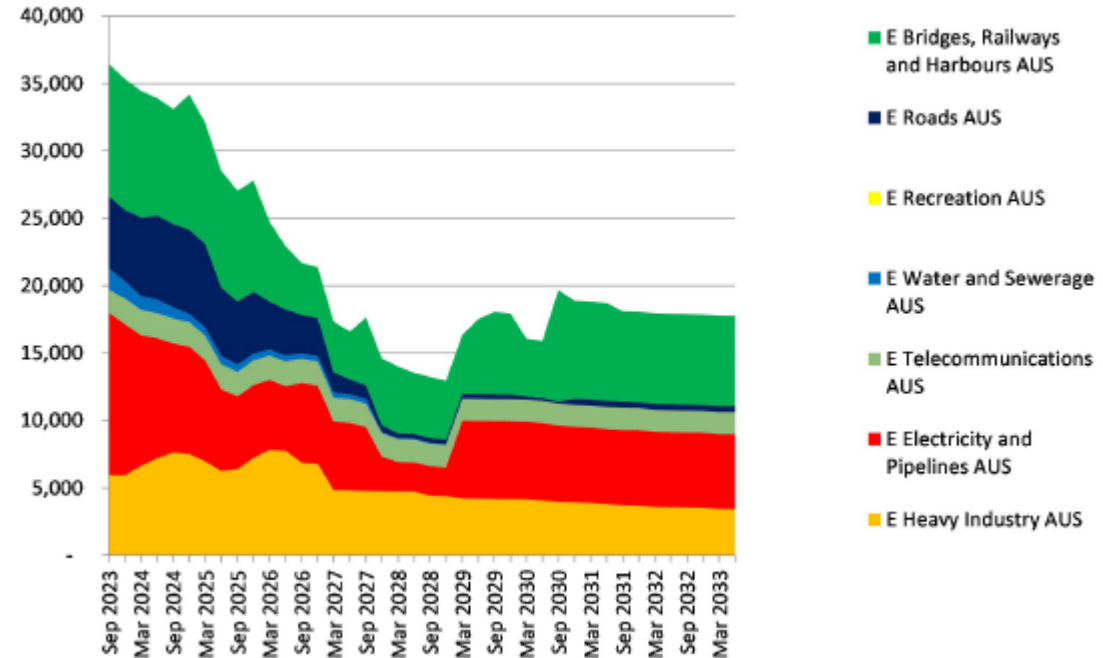
Australian BIM  
Strategic Framework

# Major infrastructure projects



- In 2021, Infrastructure Australia identified through the *Australian Infrastructure Plan 2021* that digital was no longer by exception but now by default.
- \$182B infrastructure investment – 2024 –2028
- We need digital embedded to deliver better outcomes, optimise operations and improve maintenance.

Figure 4.2 Value of Engineering Construction Projects In the Major Projects Database In April 2024 (\$ million, current prices)



Source: ACIF Major Projects Database and CoreLogic

# Gemini principles



## Purpose:

Must have clear purpose

### Public good

Must be used to deliver genuine public benefit in perpetuity

### Value creation

Must enable value creation and performance improvement

### Insight

Must provide determinable insight into the built environment

## Trust:

Must be trustworthy

### Security

Must enable security and be secure itself

### Openness

Must be as open as possible

### Quality

Must be built on data of an appropriate quality

## Function:

Must function effectively

### Federation

Must be based on a standard connective environment

### Curation

Must have clear ownership, governance and regulation

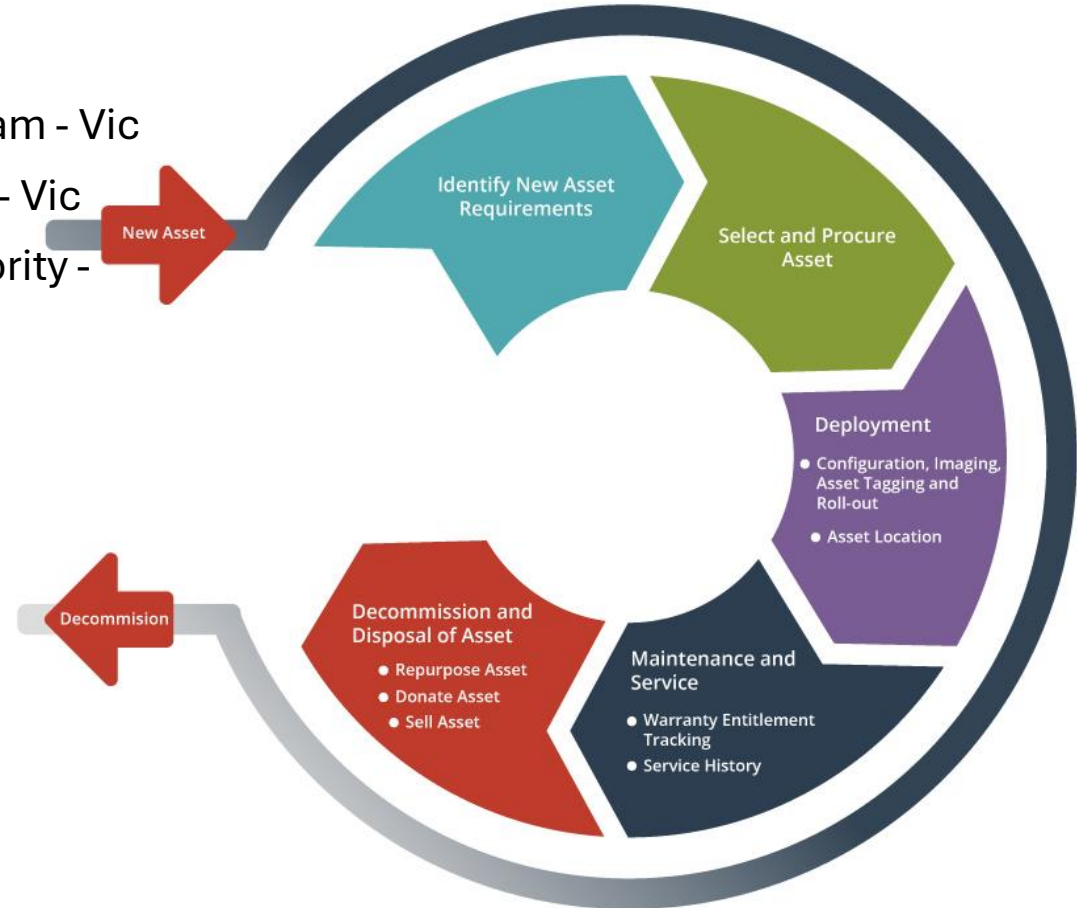
### Evolution

Must be able to adapt as technology and society evolve

# Consistency between build maintain and operate



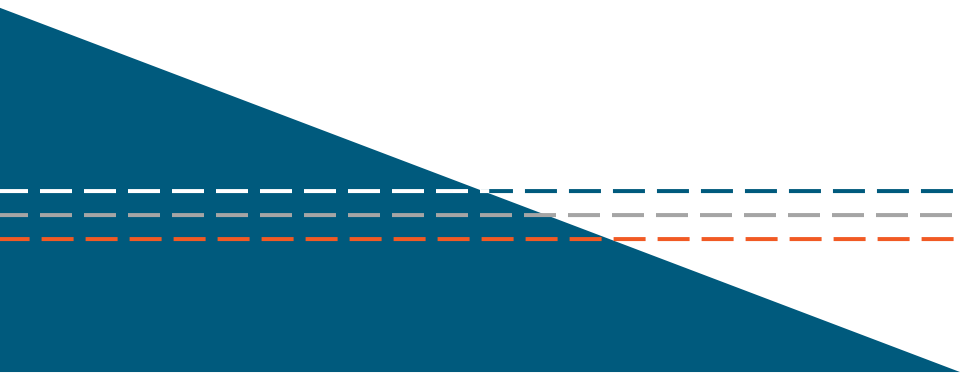
- Crossrail in the UK
- Level Crossing Removal Program - Vic
- Suburban Rail Loop Authority - Vic
- Cross River Rail Delivery Authority - QLD



# That shirt...



- Supporting mental health in the construction sector
- Making a difference by wearing a shirt
- Funding a counselling service
- What are you waiting for?
- Scan me



# Q and A



**Andrew Curthoys**

Chair Australasian  
BIM Advisory Board

[www.abab.net.au](http://www.abab.net.au)

*Australasian Procurement  
and Construction Council*

*Australian Construction  
Industry Forum*

