

# Bridging the Physical & Digital Divide in Infrastructure Workflow

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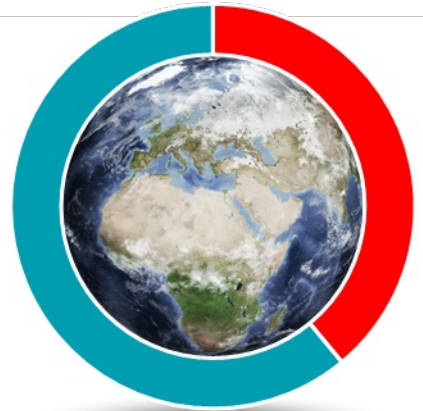
# Why Digitise?



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**\$10+ trillion**



# Why Digitise?



How do we do more with less?

Optimised project decisions & automated processes  
... looking across the full life-cycle ...  
based on the best possible project information

# The buildingSMART Context



More sustainable, less expensive buildings & infrastructure...

...through optimised decision-making & automation efficiencies...

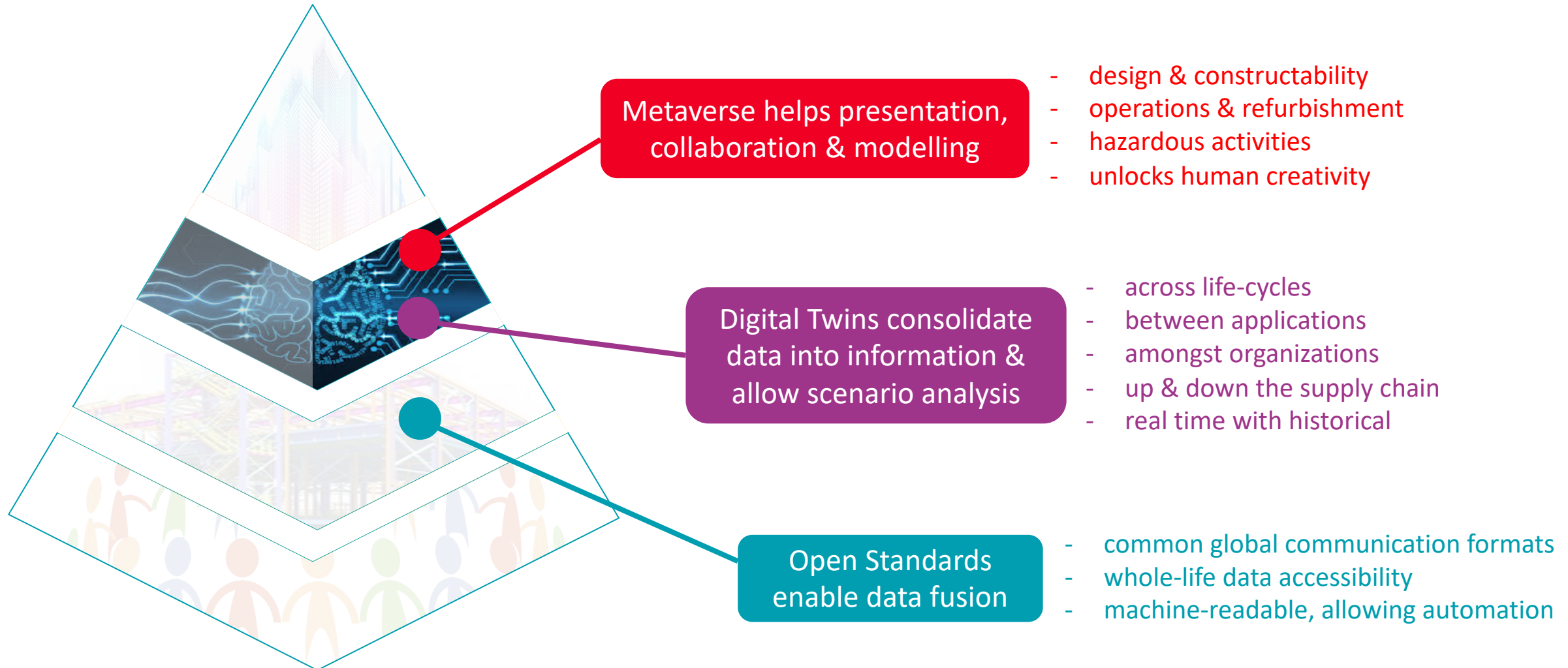
...enabled by data fusion via open digital Standards & Services...

...created by the buildingSMART community.

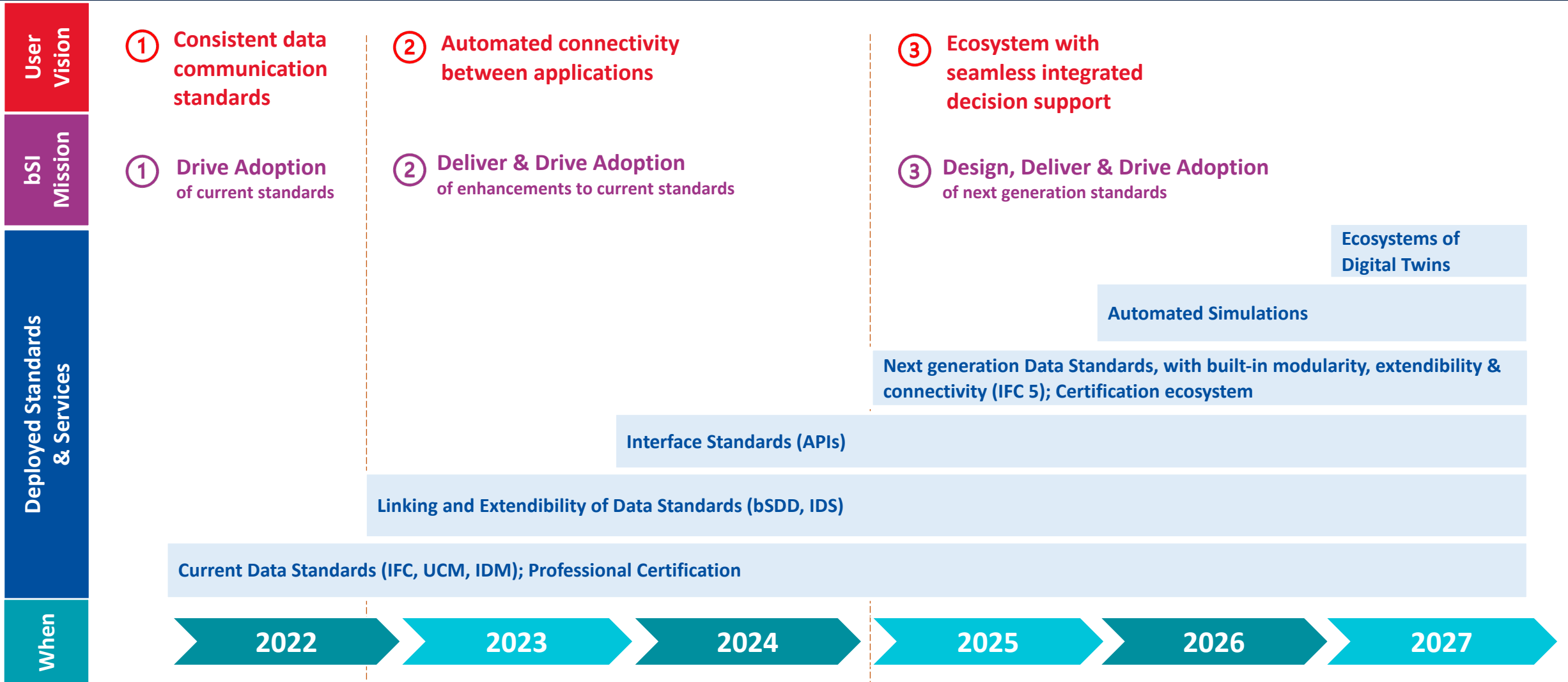
# buildingSMART International



# How to Optimize Decision-Making?



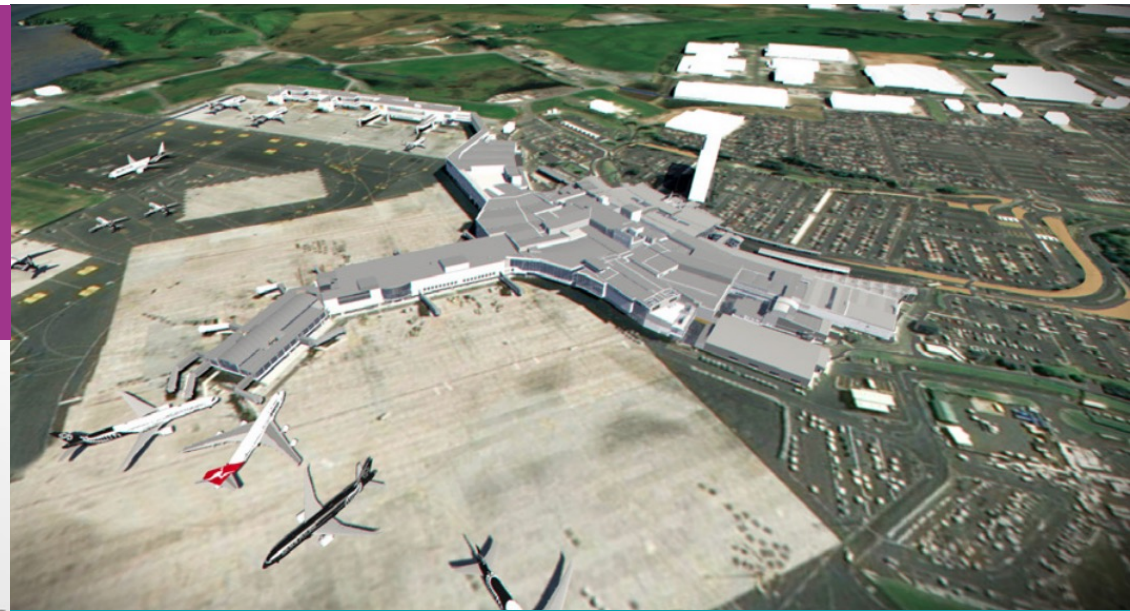
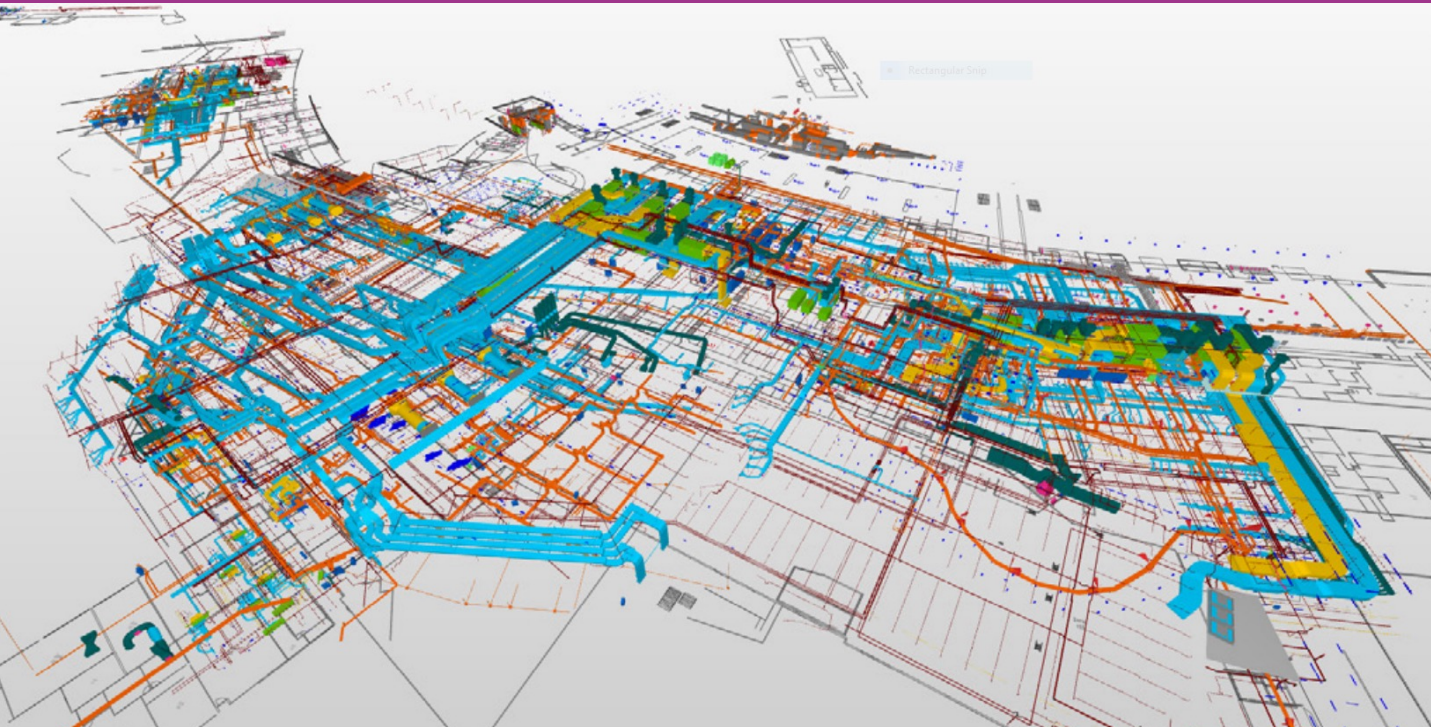
# Evolution of Open Standards





# openBIM in Action – Auckland Airport

- 100+ models geolocated & exported to IFC
- 250,000+ existing structure elements modelled
- Merged BIM+GIS property sets for lifetime management
- Increased innovation; reduced time & cost



*“openBIM enabled us to do more with less by being free to work between multiple tools ... It puts the output at the centre, which in the reality of a client organization is what matters most.”*

Karl Fitzpatrick, Auckland Airport

# Looking Ahead

How close are we to this digitalized world?

What are the real-life success stories?

How can we accelerate progress?