

SPAN
SP Alliance & Network

Wed-Binar

SPAN X ABE
International Series

AECOM Imagine it.
Delivered.

Collaboration and Digitalisation – Breaking Silos in the Built Environment (International Series)

David Philp

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FICE, FCI0B, FRICS, FInstCES

Introduction



David Philp

AECOM – Global BIM Consultancy Director.

A Fellow of the CIOB, Institution of Civil Engineers,, RICS and ICES
David has been involved in construction and infrastructure projects for over 25 years, leading many digital change programmes.

He was seconded in the UK Cabinet Office in 2011 as Head of BIM Implementation and the Scottish Future Trust (SFT) as Chair of the Scottish BIM Delivery Group.

He has been involved in delivering innovative BIM and digital asset management strategies across the globe from UK, Hong-Kong, Singapore, Australia and the Baltics. Digital Impact Director – Construction Innovation Hub.

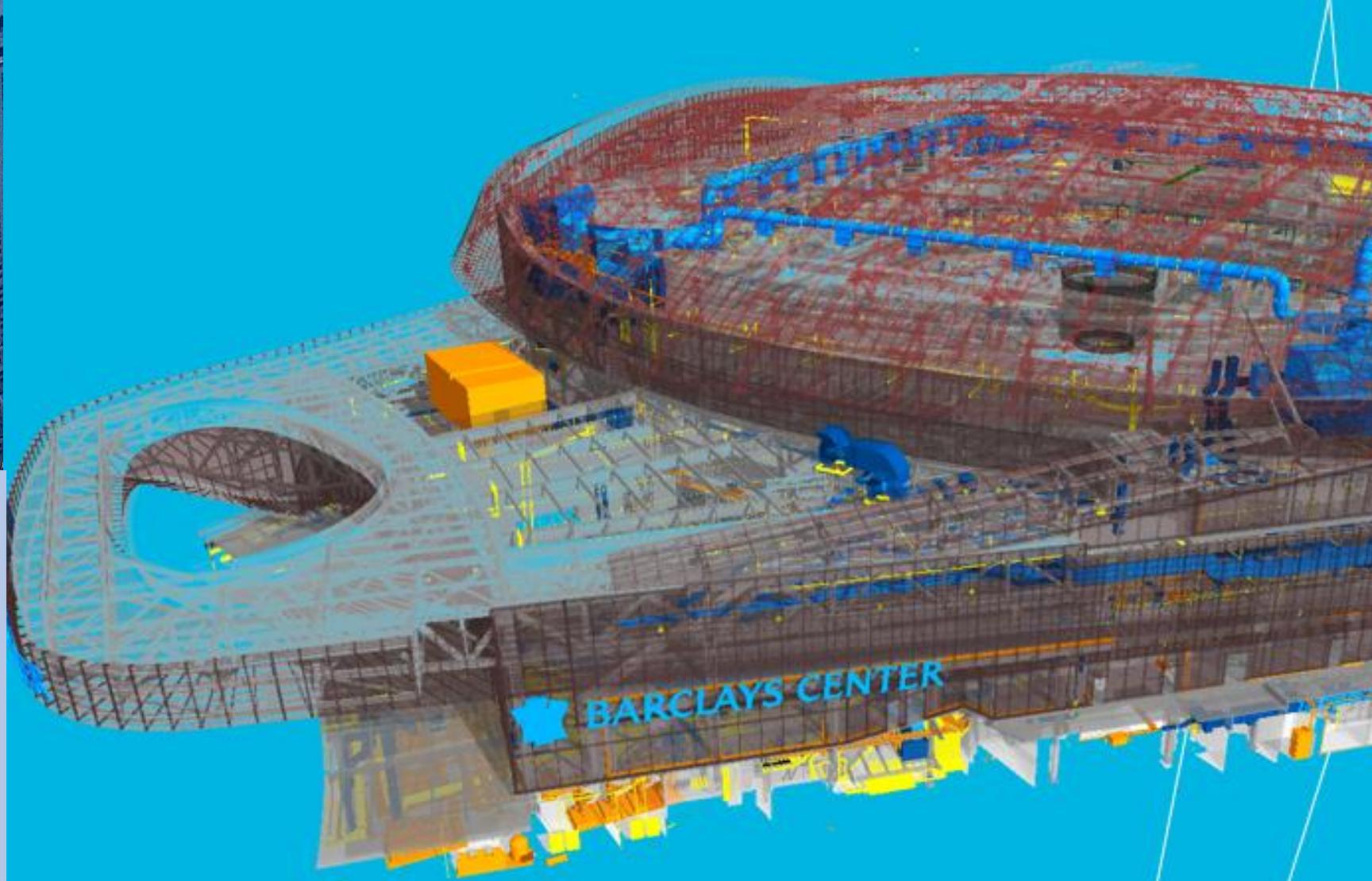
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AECOM

THE DIGITAL
THREAD
OF DATA



**FRICITIONLESS DATA
DATA CONTINUITY**

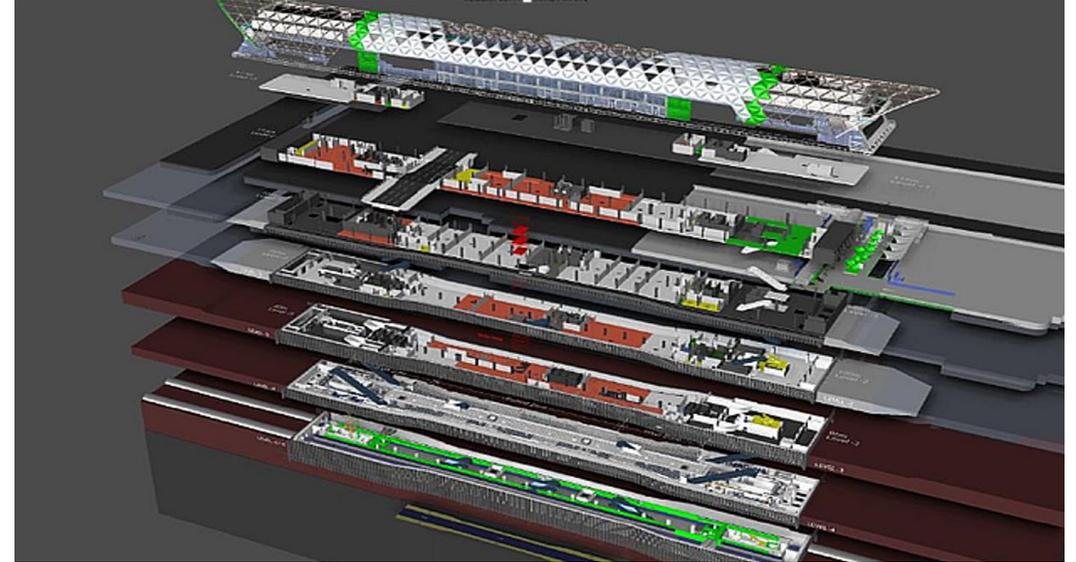
We are witnessing a shift

Towards Sector Digitization

Digital technology is changing the way we plan, build, maintain and use our social and economic infrastructure.

Building Information Modelling (BIM) is already transforming the construction industry.

Over the next decade this technology will combine with the **internet of things** (providing sensors and other information), **advanced data analytics** and the **digital economy** to enable us to plan new infrastructure more effectively, build it at lower cost and operate and maintain it more efficiently. Above all, it will enable citizens to make better use of the infrastructure we already have.



Measurement & Feedback

Doing more for less



BIM / IM / CDE
Smart Assets



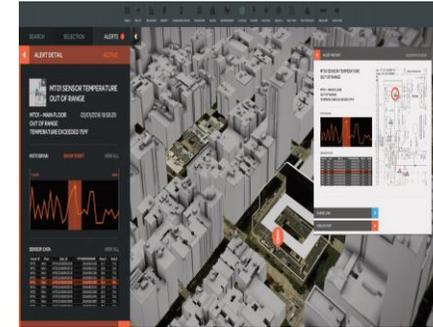
BIM & GIS & PMO



Digital Twin



Digital Estate



Whole life system performance

Whole life asset performance

Doing more with what we already have

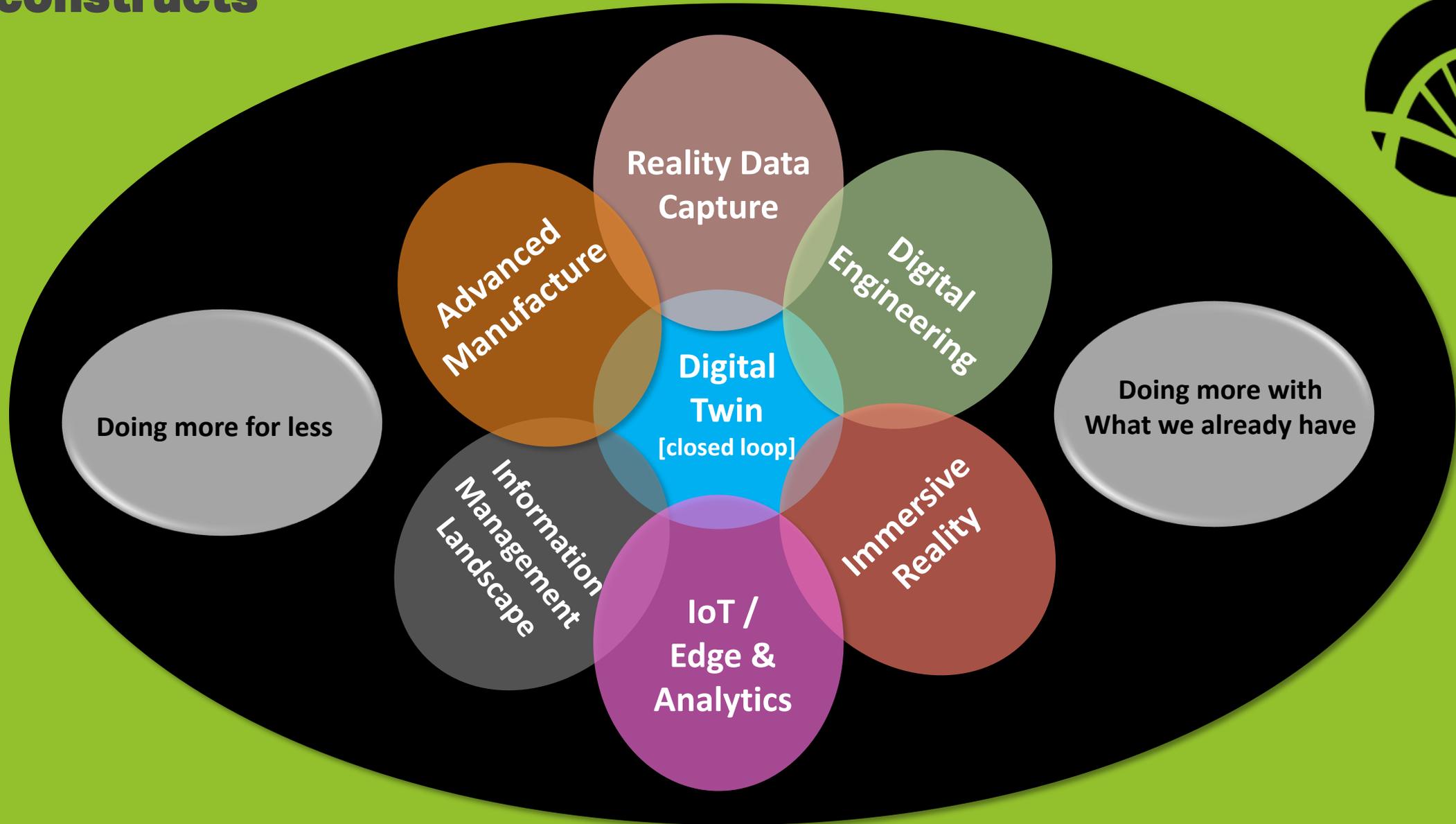
Better measurement, insight and investment decision making

Capital efficiency of programmes

Capital efficiency of projects

Maturity

Key constructs



of our converged digital ecosystem