

Building Information Modelling Advisory

A KPMG Service for G-Cloud 15



Building Information Modelling Advisory



Service Description:

Building Information Modelling (BIM) emerged over a decade ago to enhance collaboration in the construction industry.

It revolutionised construction by fostering collaboration and streamlining workflows. But its potential extends far beyond construction and project delivery.

We help organisations unlock the full power of BIM by extending its application throughout the entire asset lifecycle.

We develop BIM strategies and support the implementation of BIM and Common Data Environment tools for our clients, with a focus on end-user needs and supporting sustainable practices throughout the asset lifecycle.



What are the benefits of KPMG's BIM Advisory Service?

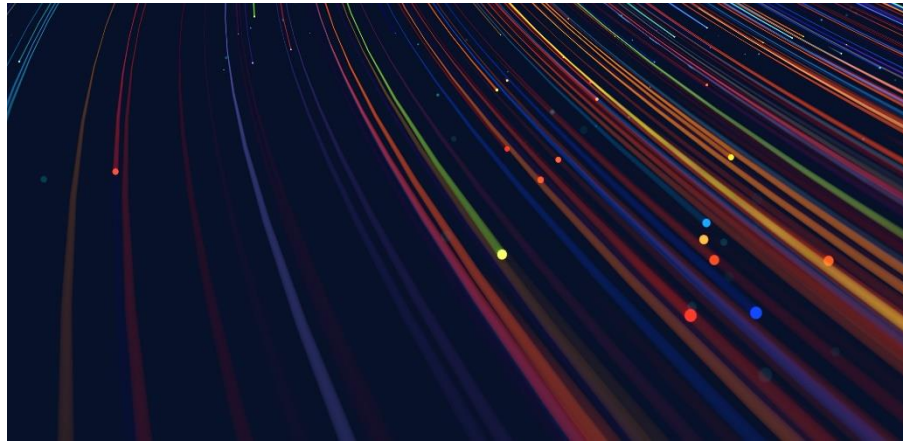
- **Strategic alignment:** enterprise-ready accelerators, aligned with KPMG's best practices and insights, customisable to fulfil organisational needs and objectives.
- **Holistic lifecycle view:** integrated perspective leading to better planning, management across the asset lifecycle.
- **Effective change management:** managing and delivering change to deliver long-term organisational transformation.
- **Reduced time:** value ready 'out of the box' solutions with reduced deployment and adoption costs.
- **Improved process efficiency and effectiveness:** through automated processes and workflows.
- **Productivity gains:** identifying immediate and longer-term performance and productivity opportunities to unlock value for customers, asset owners and stakeholders.
- **Building the case for change:** securing stakeholder sponsorship.



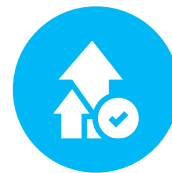
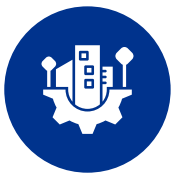
Our service features

- **Diagnostics:** maturity assessment and benchmarking for current BIM capability, systems and data across the organisation and supply chain.
- **Strategy:** creation of BIM strategy and customized roadmap aligned with your organisational goals and priorities.
- **Implementation:** development of BIM Toolkit based on ISO19650 guidance, technology solutions specification/selection (e.g. Common Data Environment), change management, training and assurance.
- **Integration:** optimize technology and supplier ecosystem, systems architecture design, ontologies and data modelling.

KPMG Approach



Our approach takes a strategic perspective, combining the best of infrastructure advisory with knowledge of the technology landscape and a focus on outcomes to identify solutions that drive sustainable value



Infrastructure

Deep infrastructure expertise across multiple sectors...

- Our global infrastructure network keeps us at the forefront of Infrastructure Advisory good practice
- We work with large, complex asset-intensive organisations across multiple sectors and asset classes
- We understand what it takes to go beyond the ISO standards, and where there is value in doing so

Technology

...plus data, analytics and digital capabilities...

- Helping you navigate the complex technology and systems landscape
- Market leading digital and data analytics approaches
- Partnerships and accelerators for all key systems and vendors

People

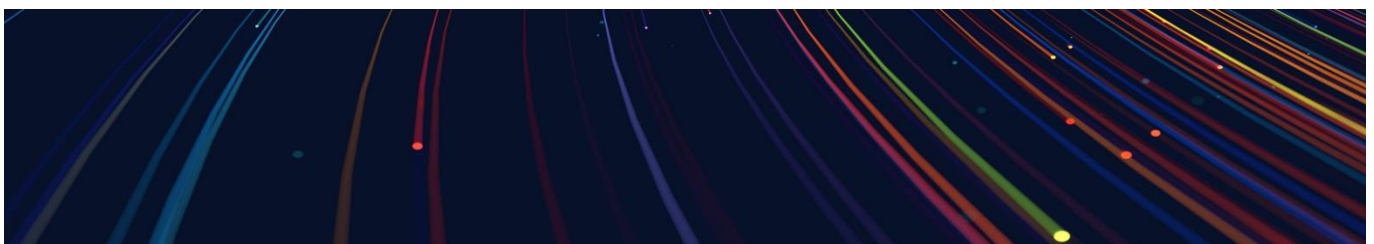
...with a focus on people...

- Delivering sustainable change by focusing on your people and embedding a digitally-driven approach to infrastructure management
- Bringing experience through certified asset management, operations and digital specialists, who have made this happen in highly regulated industries.
- A global presence across 150 countries, with resources and expertise to serve clients around the world.

Value

... to deliver better outcomes and organisational impact

- Building the case for change and securing stakeholder sponsorship
- Improving productivity, organisational effectiveness and efficiency and the channels to 'cash out' and unlock value
- Managing and delivering change to deliver long-term organisational transformation



Why KPMG

KPMG's leading organisational tools and methodologies combined with our deep understanding of the BIM landscape enables improvements that last.



- A **major utility provider** had a vision to transform its business by becoming 'Digital Utility' and saw Building Information Modelling (BIM) as a key enabler for the business to achieve this vision.
- Up to that point **BIM implementation had been organic and led bottom-up** by different teams across the business. KPMG identified **the use cases of BIM, baselined BIM capability maturity and benchmarked with other peer utilities.**
- KPMG developed a **three-year roadmap** for the implementation of BIM enabling the organisation's strategic ambitions.

1. [The value of information management in the construction - KPMG UK](#)



- We have supported a large **Road Infrastructure Owner** on their digital programme converging digital toolsets to remove process duplication to create an integrated solution in a **common data environment.**
- The systems strategy **improve consistency, standardisation, integration, data accessibility and user experience** across the current portfolio of asset systems required for effective service delivery to customers.



- Our report on the **Value of Information Management¹**, written in collaboration with University of Cambridge's Centre for Digital Built Britain (CDBB), demonstrates how better information management practices support productivity increases and GDP growth.
- We recorded **evidence of Information Management use cases and the associated economical, environmental and societal benefits** to help communicate the 'case for change' to shape UK and industry strategy for Information Management adoption.
- We created an Information Management Benefits Framework to provide a logic flow linking Information Management to direct organisational productivity gains and indirect economic, environmental and social.



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