



Smart Buildings Advisory

A KPMG Service for G-Cloud 15



Smart Buildings Advisory

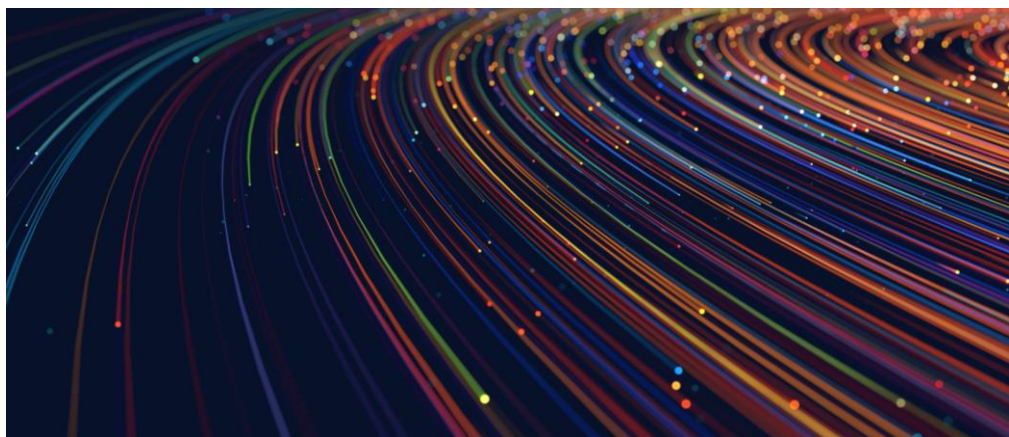


Service Description:

Advances in digital technology are transforming the way we plan, design, build, maintain, and operate buildings. By leveraging AI, data analytics, IoT, Digital Twins, and BIM, we can unlock vast opportunities through intelligent building management.

Our team helps our clients navigate this transformation, moving from traditional practices to innovative technologies and new ways of working. This journey requires new ways of working, emphasising the need for upskilling and organisational change.

By integrating data and technology, and placing people and asset needs at the forefront, we create smarter buildings that operate more efficiently and are more adaptive, resilient and responsive to changing environments.



What are the benefits of KPMG's Smart Buildings Advisory?

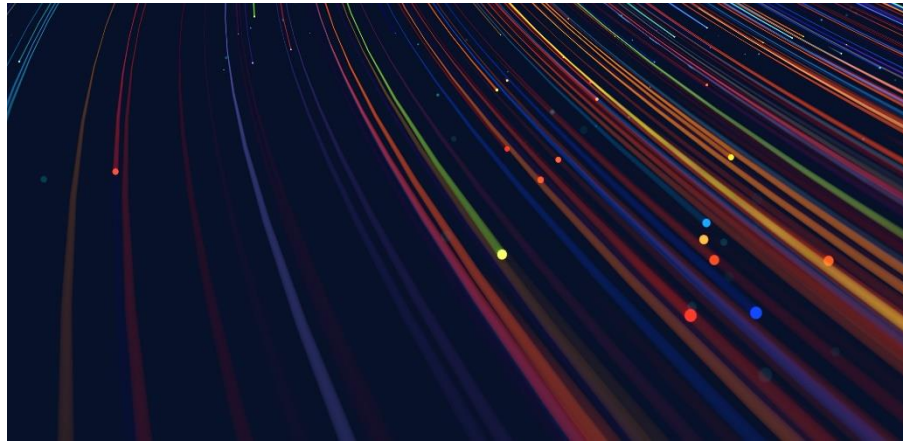
- **Strategic Planning:** development and implementation of strategies that integrate smart technologies aligning with long term business goals and objectives
- **Operational Efficiencies:** providing an integrated approach that brings cost savings through energy efficiency, predictive maintenance and optimized resource use
- **Cultural Shifts: Embedding** new ways of thinking and working into the fabric of the organisation allowing long lasting change
- **Customised Solutions:** providing tailored recommendations that fit specific needs of a building or portfolio ensuring that the technology implemented delivers the fast and realizable value



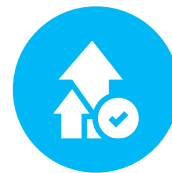
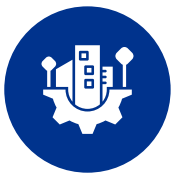
Our Service Features

- Smart Buildings Strategy and Roadmap
- Smart Buildings Transformation Approach
- Discovery Assessments and Gap Analysis
- Horizon Scanning
- Designing Smart Buildings components and interfaces
- Developing Smart Building Use Cases (e.g. energy management, space optimisation, preventive maintenance)
- Developing Requirements to Support Procurement and Commercial Arrangements
- Market Research, Assessment and Engagement
- Advisory Support Throughout Implementation and Delivery

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

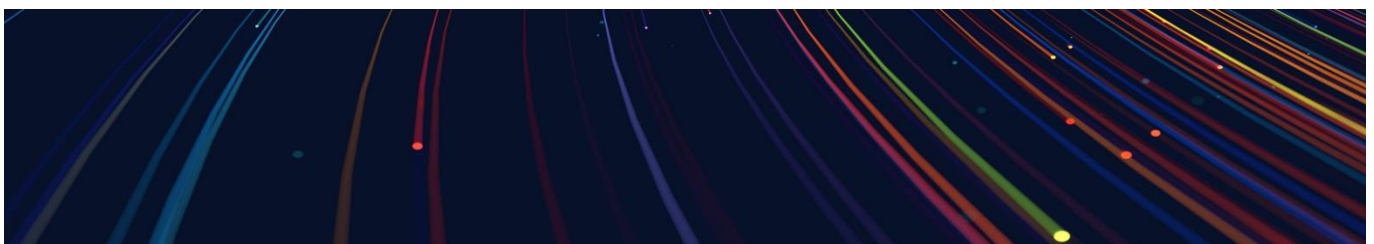
...with a focus on people...

- 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



Flexible delivery approach tailored to meet specific needs

Our approach is built on KPMG's Powered Enterprise methodology and accelerators, which have been successfully tested with our Clients



Discovery

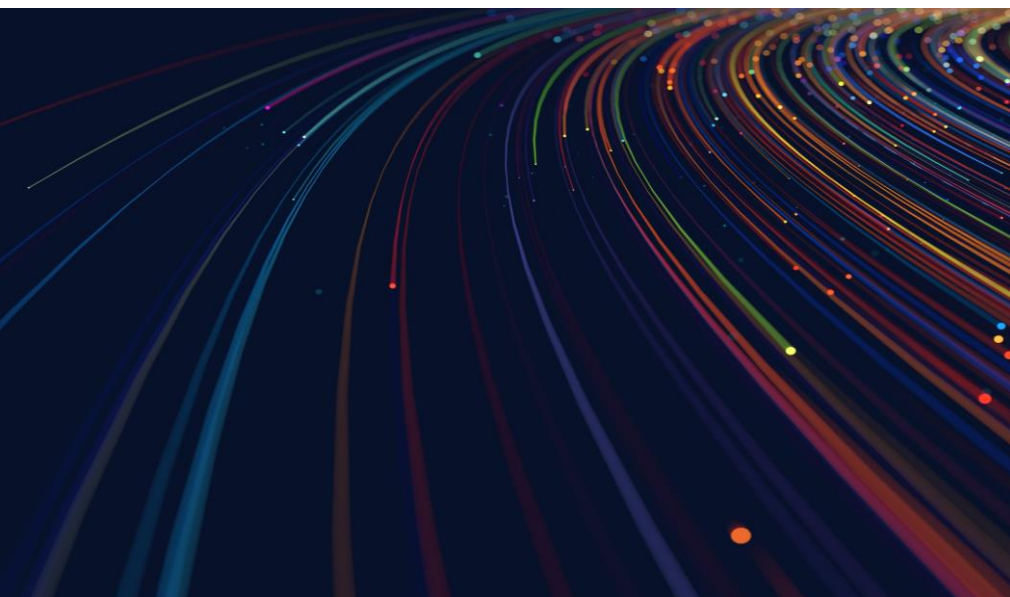
- Define the vision and desired outcomes for Smart Buildings
- Map current processes, data and technologies
- Assess current state and maturity across key areas of Smart Buildings landscape (e.g. data, technology, processes, people)
- Stakeholders mapping

Design

- Design future state and Smart Buildings components
- Develop a roadmap of activities required to achieve future state
- Prioritise and identify quick wins
- Create business cases required to secure investment needed for these activities

Delivery

- Manage delivery of activities monitoring progress and dependencies
- Capture benefits and lessons learnt
- Prioritise and identify quick wins
- Develop suggestions for improvement based on insights gathered throughout implementation



Why KPMG

KPMG's powerful combination of leading business transformation expertise and deep Smart Buildings understanding delivers impactful, sustainable improvements.



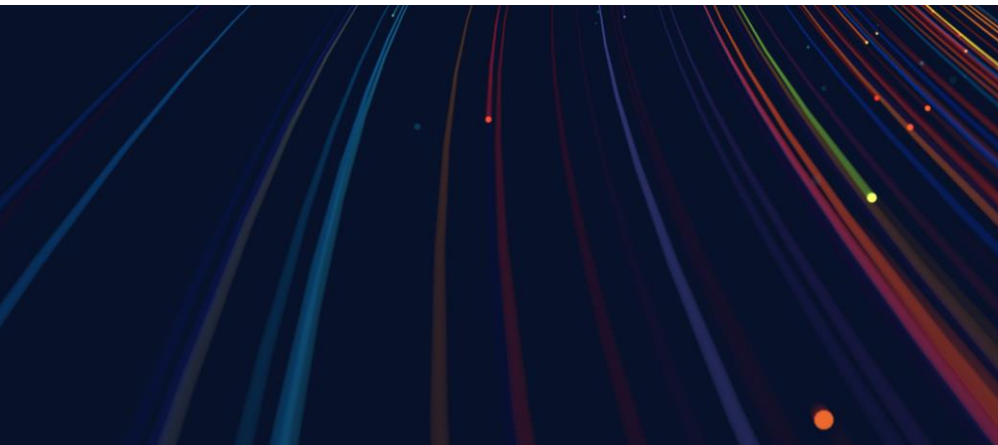
For the senior leadership team of a **healthcare client** we provided strategic support and expert advice as to how an adoption of a Smart Buildings approach will impact their organisation. We developed a **Smart Buildings Strategy** with associated guidance as to the impact on their Strategic Asset Management Policy.



For an **international elevators and escalators manufacturer** we supported development of their role in delivering Smart & Sustainable Cities through evaluating **Smart Buildings Trends and Opportunities**. This enabled the organisation to refine their strategic Smart Buildings vision and identify potential opportunities in the UK (and overseas).



For a **financial services organisation** we supported the Real Estate Workstream in developing an options appraisal and business case for consolidation, rationalisation and investment in the systems used to support management of the portfolio of building assets across their asset lifecycle.





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