

# **Are you getting your money's worth?**

Nirali Singh, Head of Knowledge Management and Innovation.

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# Construction industry challenges and importance of Knowledge

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Complexity of construction projects:

- Project based teams
- Managing multiple parties
- Bespoke undertakings



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# Balfour Beatty's Knowledge Objective

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Facilitate the flow of data, information, knowledge and expertise



Save time reinventing the wheel to help drive efficiencies and improve the quality of output



Ensure consistency in the application and quality of knowledge across the business.



Leverage learning, insights and knowledge for the benefit of everyone in the business



Launch a successful development programme providing the opportunity to learn from others' experiences

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# Balfour Beatty's knowledge programme

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Culture



Content



Connectivity



Change



Technology

# Get data ready



## People to Knowledge



Improve ability to find and search

## People to People



Tap into tacit expertise

## Collaborate & Connect



Transfer tacit knowledge

## Innovation



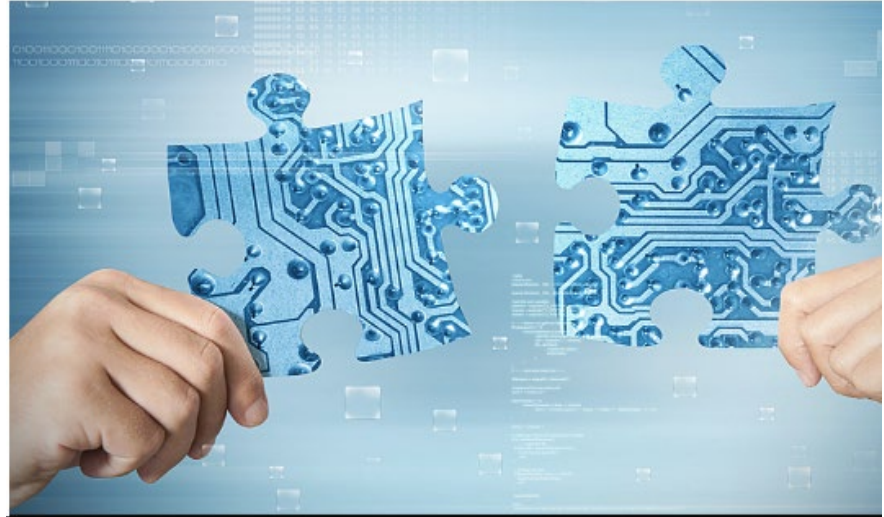
Get data ready

# Data challenge

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- Volume of data
- Artificial Intelligence
- Data compliance
- Governance

Solution: Common coding



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# Automation

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Project workspaces  
and automated  
dashboard reporting



Knowledge curation  
automation



Central lessons  
learned tracker



Digitising our  
compliance process  
and documents



Developing an AI  
tool with data  
scientists

A hand in a blue suit sleeve holds a glowing globe of the Earth. The background is a semi-transparent digital interface with various data visualizations, including bar charts, pie charts, and text labels like 'BUSINESS', 'WORLD', and 'NETWORK SEARCH'. The overall color scheme is blue and white with a glowing effect around the globe.

**Thank you**