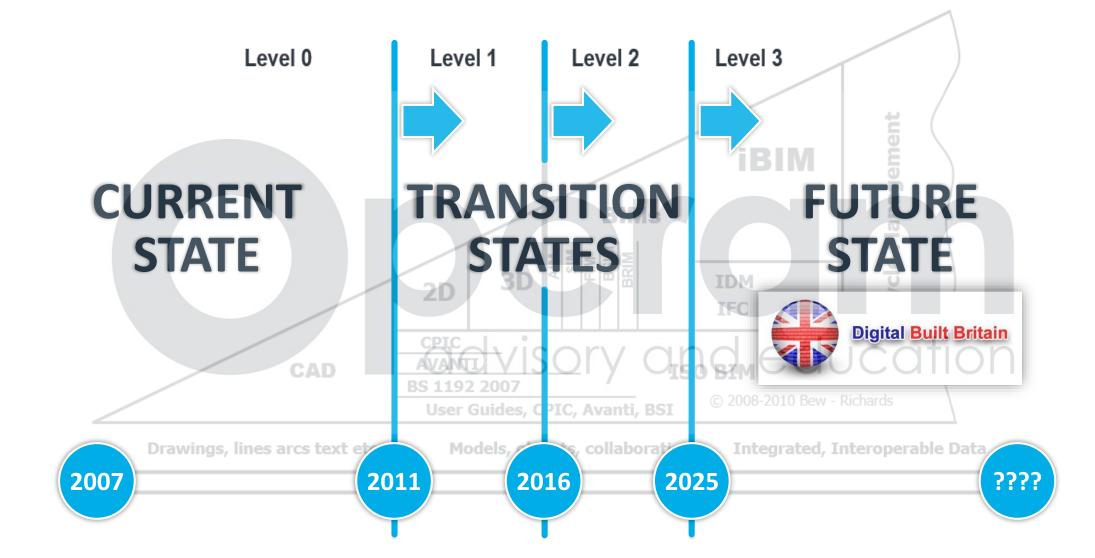
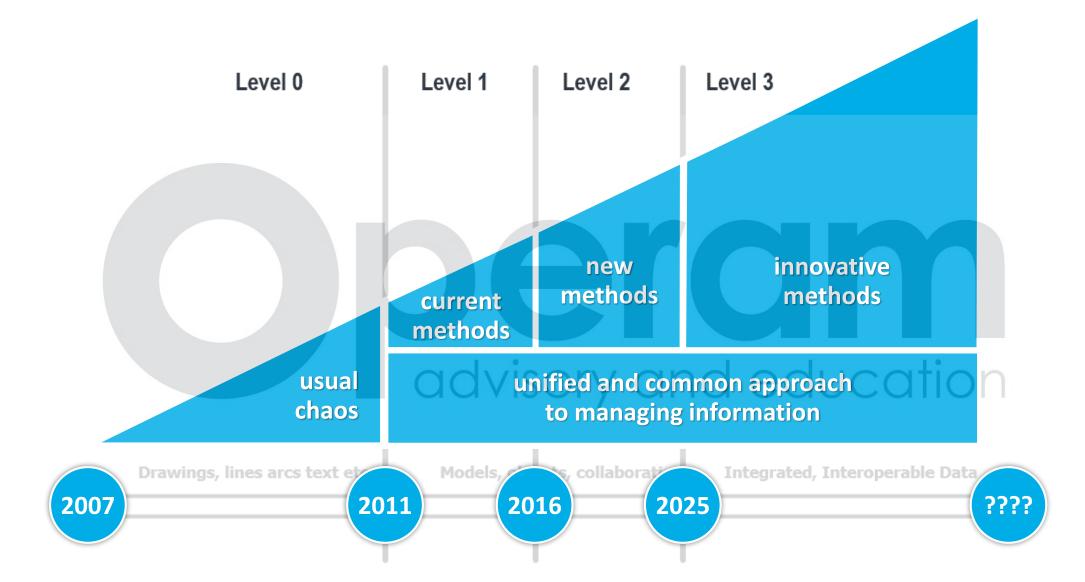


Digital Transformation [industry perspective] ucation

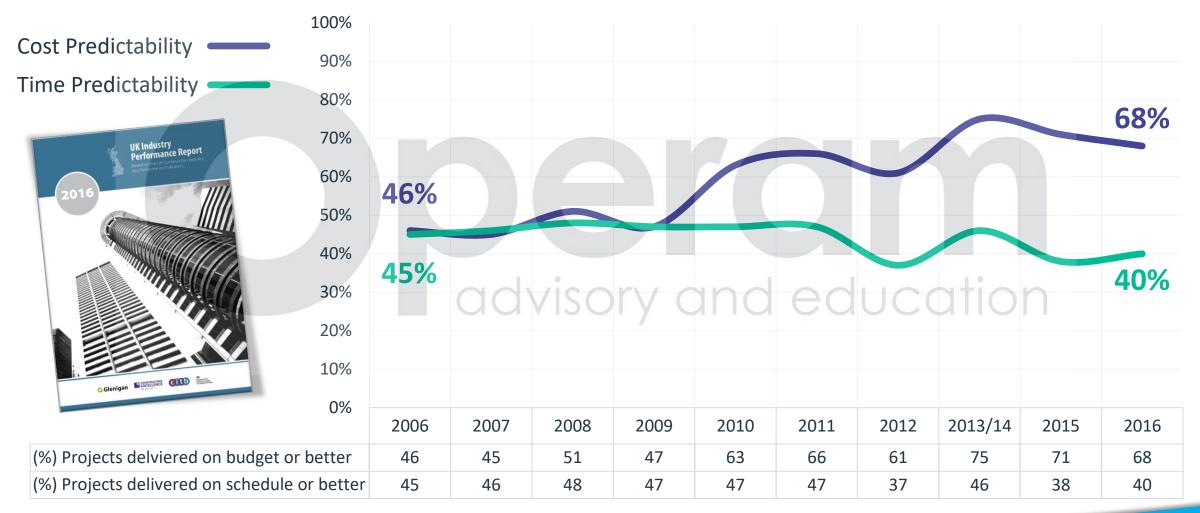








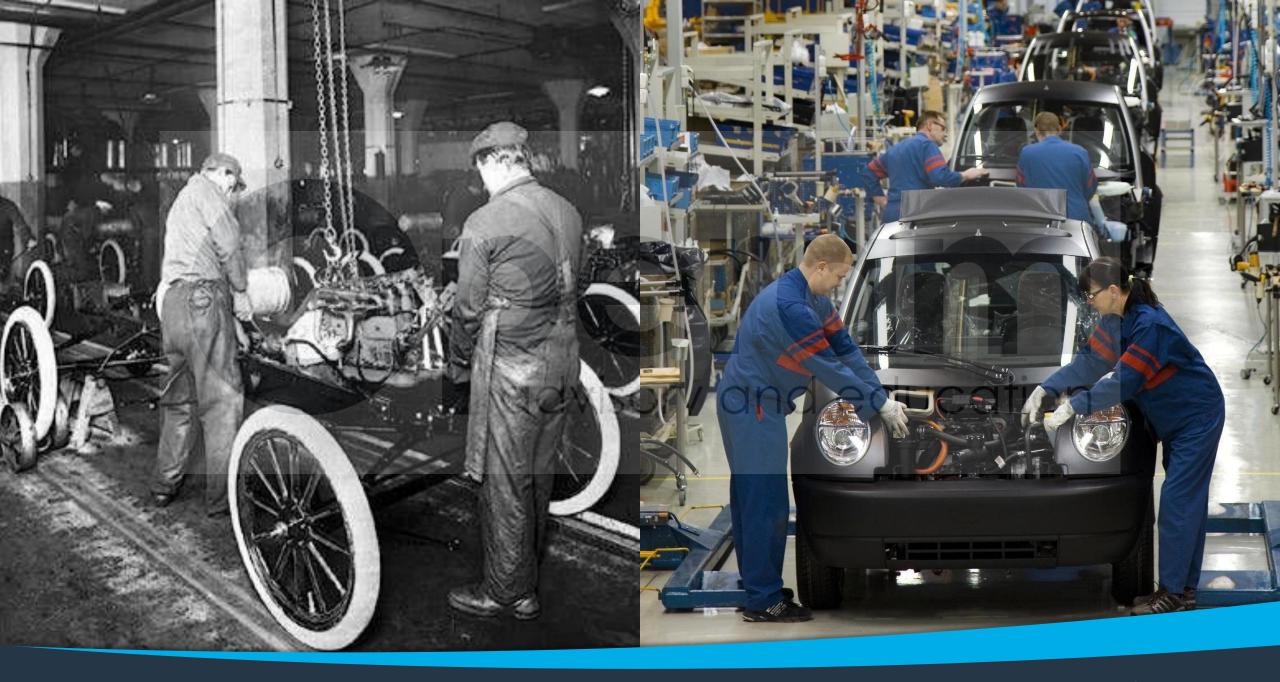
UK Construction Industry Research - performance (non-housing projects <f1m)



Construction clients have a 50/50 chance of getting their asset delivered on time and on budget!







Website of the Chartered Institute of Building

Clobal construction Review

News

Markets

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Sectors

Trends

Companies

Innovation
China involved in 30% of global infrastructure:

Study

11 September 2017 | By GCR Staff

China's expanding influence has made some uneasy, says Timetric.

Its Globalisation and Construction Survey has 31% of respondents saying that they saw China to be the greatest foreign threat to their construction businesses, with the US a close second at 25%.

The report says Chinese contractors are involved in 1,034 projects outside China, the majority in Asia, the Middle East and Africa. Of those projects, 40% are rail schemes.

China's One Belt, One Road (OBOR) initiative, which aims to facilitate the flow of between China and

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NEWS	MARKETS					

A Chinese developer is set for the lead role on a £6bn regeneration scheme in Enfield, north London, after the council agreed to open discussions with the firm.



iew all articles in NEWS

Why do organisations undertake a digital transformation?

1. They want to2. They need to3. They have to

Digital Transformation [organisational perspective]



ICE @ICE_engineers



Today our online polls found out that 35% of you are currently initiating digital change management within your organisations

#DigitalBuilt



4:19 PM - 13 Oct 2017

84% of companies fail at digital transformation...

Forbes, January 2017

advisory and education

SOURCE: www.forbes.com/sites/brucerogers/2016/01/07/why-84-of-companies-fail-at-digital transformation/#5231d5ca397b (accessed 16/10/2017)

"they're not prepared to change behaviour and think they just need to have a strategy and more technology..." Michael Gale | Partner | PulsePoint group Odvisory and education





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UK Government to invest £15 million to develop the next 'digital standards' for the construction sector, to save billions of pounds a year in unnecessary costs

Digital Transformation

Information – Code of practice

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ISO 19650 'Information management using building information modelling' Part 1: Concepts and principles Part 2: Delivery phase of assets

Digital Transformation

Information -Code of practice



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Government launches Strategy to Increase use of Digital Technology in Key Public Works Projects

BY THE EDITOR ON NOVEMBER 21, 2017

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Government

Construction

Strategy

Building Information Modelling (BIM) to be required in the design, construction and operation of public buildings and infrastructure over the next 4 years

The Minister for Public Expenditure and Reform, Paschal Donohue, T.D. and the Minister of State with special responsibility for Public Procurement, Open Government and eGovernment, Patrick O'Donovan, T.D., today set out the Government's strategy for the increased use of digital technology in the delivery of key public works projects that are funded through the public capital programme.

The strategy will see public bodies establishing requirements for the use of Building Information Modelling (BIM) in the design, construction and operation of public buildings and infrastructure on a phased basis over the next 4 years, commencing with the larger, more complex projects, where those operating at that scale are already working through BIM. A BIM model comprises a digital dataset of all the information associated with a project's development from the early design stage through to its operation.

Minister O'Donovan said 'BIM is fast becoming an essential requirement for informed consumers of construction services internationally, and many countries have established BIM requirements at a national level. It has already been successfully used on a number of complex building projects completed in Ireland in recent years, primarily in the technology and pharmaceutical sectors. It is also being used on the National Children's Hospital at the St James's Hospital campus, on the Dublin Institute of Technology's Grangegorman Campus and across the Public Private Partnership programme.

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Building Information Modelling (BIM) to be required in the design, construction and operation of public buildings and infrastructure over the next 4 years

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Digital Transformation Framework

- 1. Understand where you're starting from (current state)
- 2. Establish why you can't stay where you are (change purpose)
- 3. Agree where you need to get to *(future state)*
- 4. Plan the stages of your journey (transition states)

Summary

- Digital transformation is not an IT project
- Digital transformation touches every function of an organisation
- It's expensive, risky and we're not very good at it!
- Are organisations facing a 'perfect storm'?
- A Company Management System defines your unified approach
- A Digital Transformation Framework is key to achieving sustained success









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