CONSTRUCTION DISRUPTION

While building information modelling and data analytics are widespread among the most innovative construction companies, a host of emerging technologies are starting to have an impact on the sector, and it is the early adopters who are racing ahead of the competition.

TECHNOLOGY ADOPTION BY INNOVATION STAGE

- Innovative leaders: Top 20 per cent in the Future-Ready Index
- Followers: Middle 60 per cent
- Behind the curve: Bottom 20 per cent

52% of innovation leaders (ranked among the top 20 per cent) say that machine-learning and AI will be commonplace in the sector within five years.

70% of construction companies believe those who do not adopt digital ways of working will go out of business.

62% believe the sector is behind others when it comes to adopting digital technologies.

89% agree that digitisation will transform the way they work.

IMPACT OF DIGITISATION ON THE CONSTRUCTION SECTOR

Agree — Neutral — Disagree

- Improve the productivity of the construction sector
- Improve the speed of delivery
- Help the construction sector meet the challenges of sustainability
- Improve construction health and safety
- Help us export more

BARRIERS TO ADOPTING NEW TECHNOLOGIES

- Lack of staff to support the technology
- Budget
- Employee hesitance
- Management hesitance
- Lack of knowledge about new tech available
- Maturity of tech available
- None, we try everything out

STATE OF DIGITAL TRANSFORMATION

NBS 2018

BIM ADOPTION RATES HAVE SURGED IN RECENT YEARS

NBS 2018

70% agree that digitisation will transform the way they work.

89% believe those who do not adopt digital ways of working will go out of business.

NBS 2019

62% believe the sector is behind others when it comes to adopting digital technologies.

NBS 2019

70% agree that digitisation will transform the way they work.

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NBS 2019