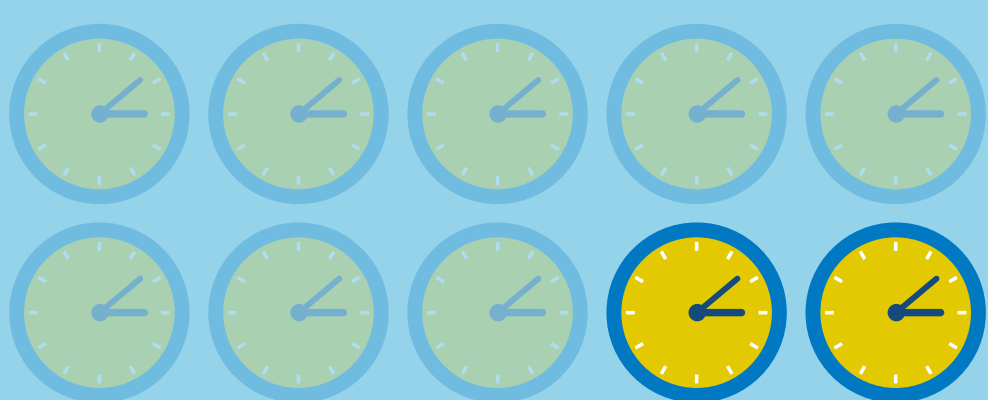




THE CONSTRUCTION INDUSTRY IS RIPE FOR DISRUPTION

Large capital projects typically take

...and are up to



20% longer to finish...

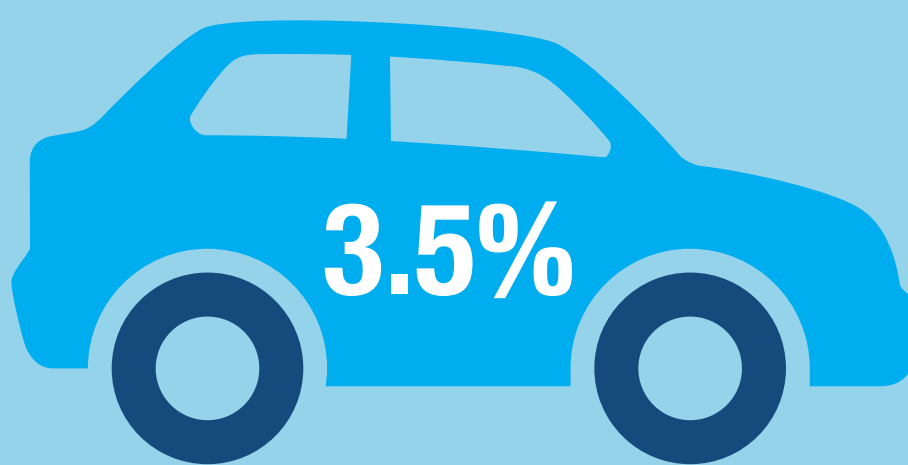


80% over budget,

and R&D spending in construction runs well behind other industries.



Construction



Auto



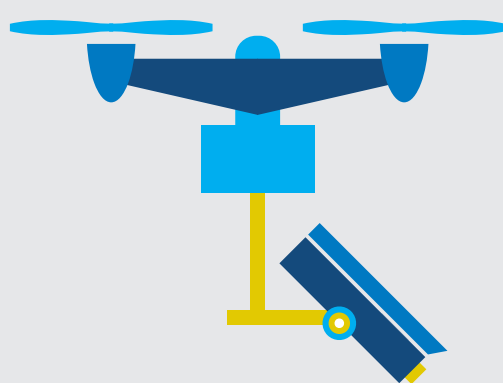
Aerospace

Note: Figure represents average percent of revenues

5 big ideas are poised to disrupt construction

1

Higher definition surveying and geolocation



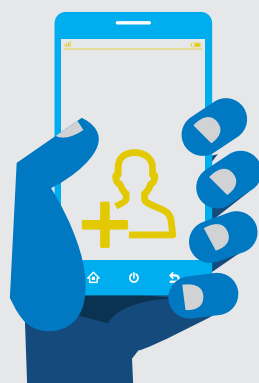
2

5-D Building Information Modeling



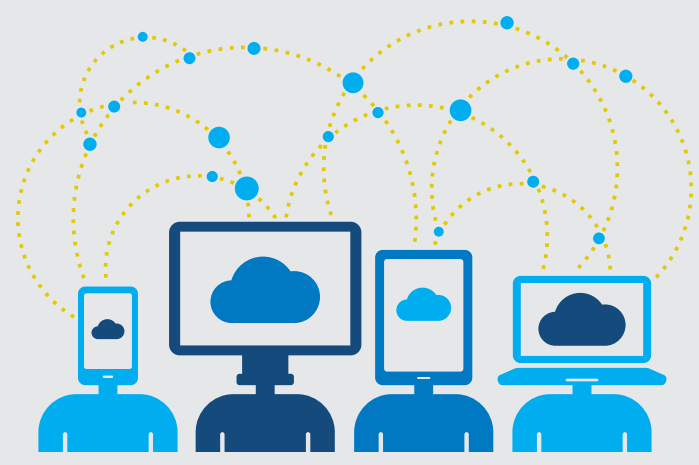
3

Digital collaboration and mobility



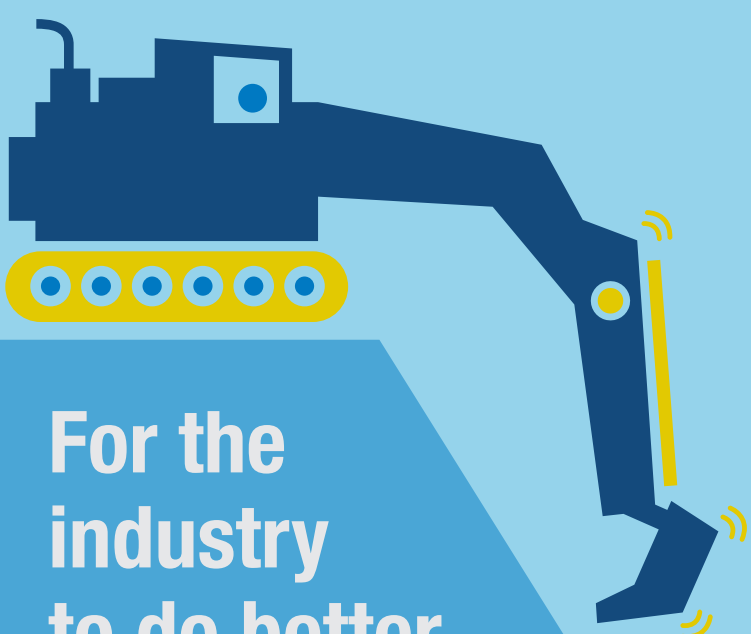
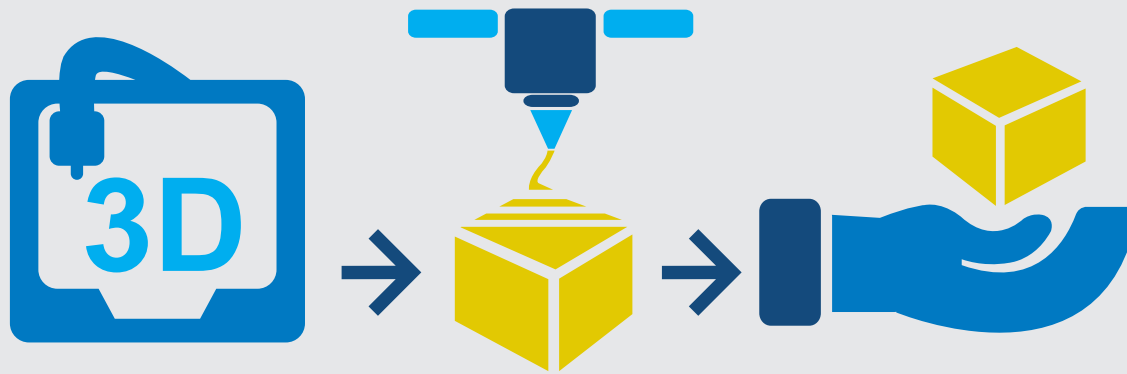
4

The internet of things and advanced analytics



5

Future-proof design and construction



For the industry to do better it needs to embrace 4 principles

- 1 Transparency and risk sharing in contracts
- 2 Return-on-investment orientation
- 3 Simplicity and intuitiveness in the design of new solutions
- 4 Change management