

IPS Workshop on The Rise Of The Digital Economy and Business Transformation

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Construction Industry Challenges



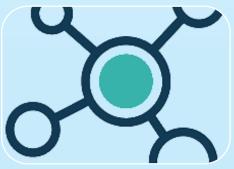
Insufficient planning & inaccurate estimating



Poor project controls (cost & schedule)



Poor Communication



Design errors & omissions



Poor Project Execution

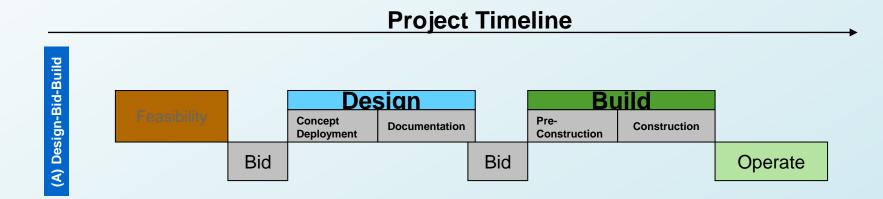


Shortage of Skilled Worker



Source: PWC Consulting – Correcting the Course of Capital Projects hexagon.com

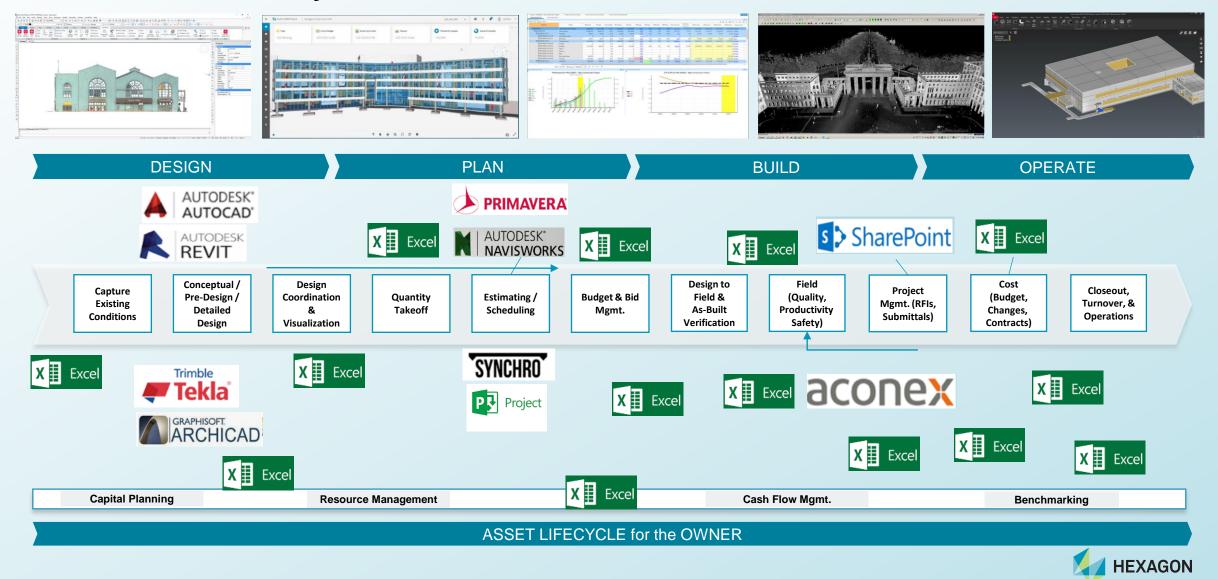
Traditional Approach of Project Delivery



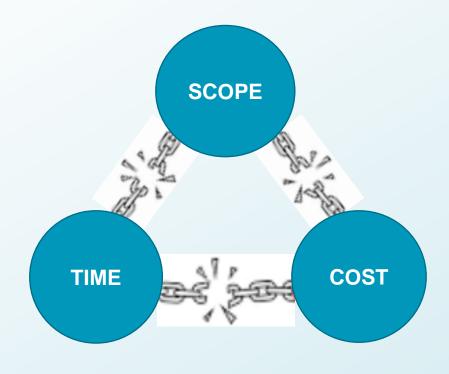


Typical System Architecture

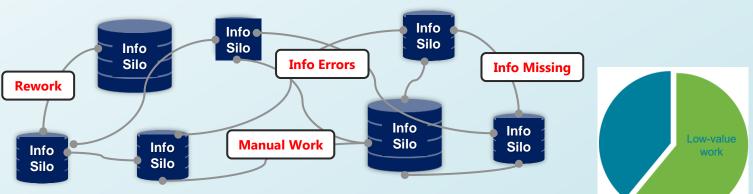
Across the Asset Lifecycle for Construction Contractors and Owners



RISKS



 Design/Scope, Time and Cost not linked/integrated, hence creating silos of information

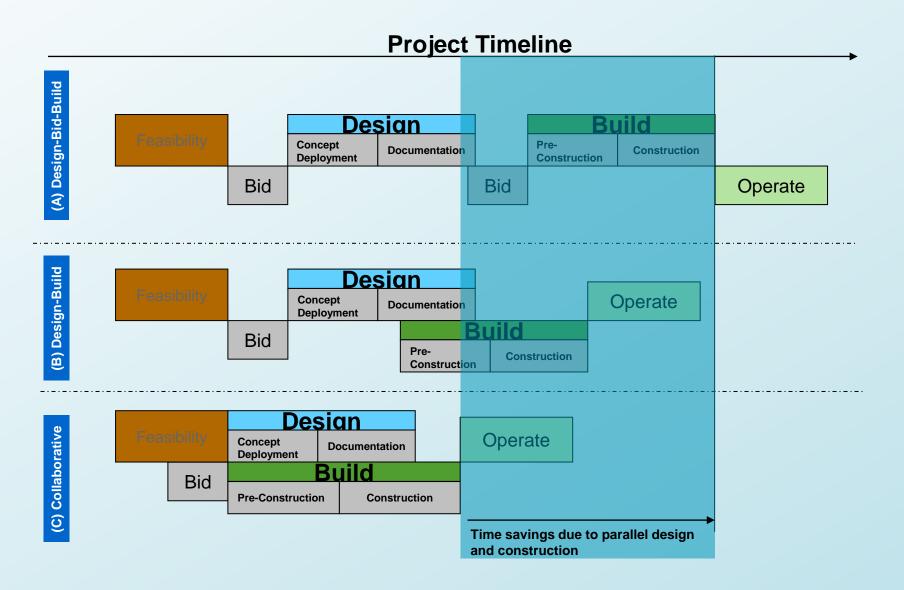


- A lot of manual works required in calculating quantities/values, updating and analyzing data
- Changes not updated to other elements, hence creating inconsistency and outdated information





Tool also enables a more efficient process via parallel processing and upfront collaboration

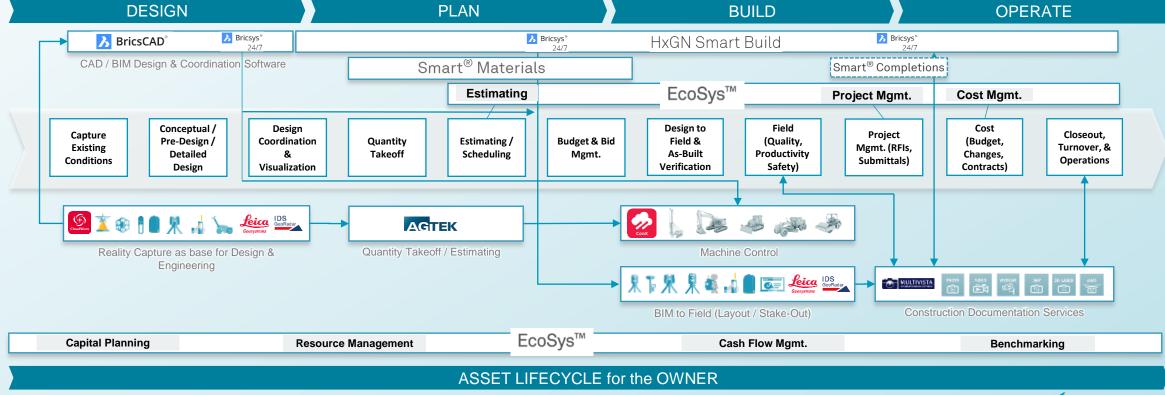




Hexagon AEC Portfolio

Across the Asset Lifecycle for Construction Contractors and Owners



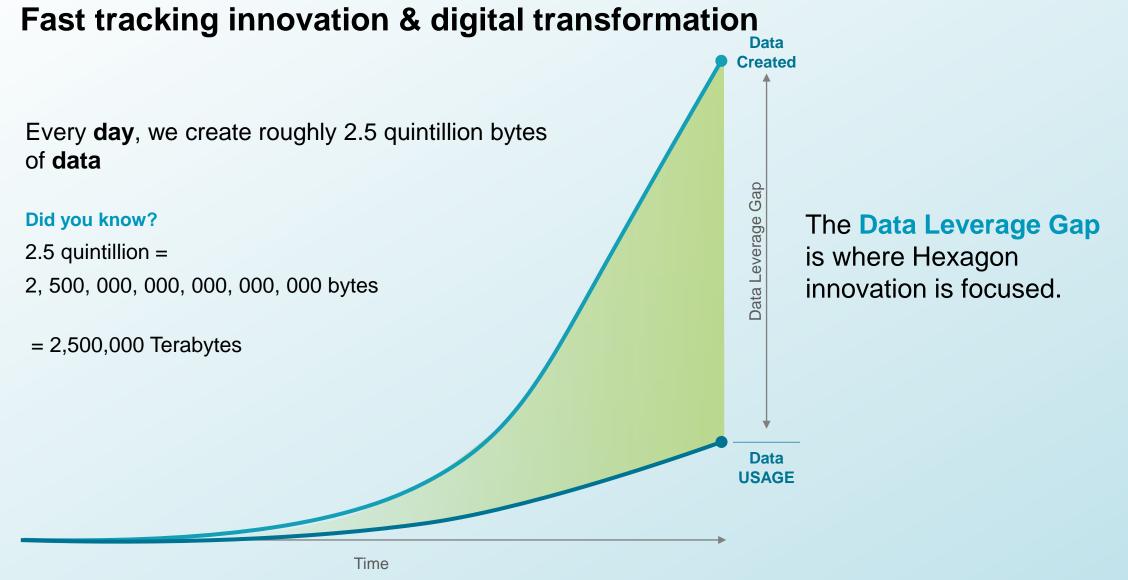




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