

INSIDE THE COST SAVINGS, INCREASED EFFICIENCIES AND INFORMED DECISION-MAKING OF BIM.

Digital transformation may seem like the buzzword of the hour, but its benefits are real, especially in sectors with high-dollar projects and multiple stakeholders.

In the construction industry, building information modeling (BIM) plays a central role in leveraging data from both building models and company processes to dramatically improve decision-making capabilities, establish more efficient

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Interestingly, North American building industry professionals reported the lowest ROI from BIM usage. Only 29% of North American users indicated that they saw a ROI of 25% or more, and 31% claimed they either broke even or lost money on their BIM investment. Given that France and the UK and Ireland reported no loss of earnings in BIM investment, the Dodge study suggests North American architects, engineers, and builders need more training in engagement with BIM tools.

Since 2018, the government of Hong Kong has mandated that all state-funded projects valued over \$30 million employ BIM as part of the design and construction process. To that end, the Hong Kong Construction Industry Council has created BIM technical standards as well as training and support services to encourage private sector adoption of digitization as well.

“We have seen that governments can play an important role in encouraging the digitization of the construction sector,” said Adam Matthews, chair of the Global BIM Network. “They can





About the Author

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About the Article

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