

Building Information Modeling (BIM)

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Building Information Modelling (BIM) is transforming the way we interpret design, analysis, construction and facilities management. It is a "game changer" that we need to stay tune-but in common with all innovations, this presents both risks and opportunities.

BIM is evolving, from an information management strategy to be embedded as a new construction management method. The evolution can be viewed in two aspects. The first aspect is changing the role of information sharing model from analogue database to digital, which is known as n-dimensions modelling. The second aspect is the emerging role of BIM as a new construction management method. The uses of BIM in the industry have marked a milestone to unify disparate technologies in all phases of construction management, i.e, planning, marketing, pre-construction, construction, field works and closing out.

The optimistic view on BIM claims that this methodology will be an absolute necessary approach in the future of the construction industry. Despite the advantages exemplified from this paradigm, the reluctance of implementation by the local construction industry remains the strongest obstacle. This is greatly relied on the adoption strategy- systematic workflow and methodologies; maturity- organizations readiness; education and training- culture and behaviorism of end users; real-life cases- experience and lesson learned and lastly, industry wide adoption- positioning of BIM across disciplines.

BIM, as one of the emerging technologies in Malaysia, can be deployed in the various project phases to facilitate and ease the exchange and interoperability of information. An enhancement in the availability of financial information will be decisive, as the decision of those professionals to adopt new technologies is proportional to the associated opportunity they are capable with in order to gain the operations.

You may refer to the link below for more information:

<http://www.bimtaskgroup.org/wp-content/uploads/2014/09/2050-Report.pdf>

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