## Digital Transformation in Developing Countries, A Study into Building Information Modelling Adoption in Thai Design and Engineering Small- and Medium-Sizes Enterprises

Authors: Prompt Udomdech, Eleni Papadonikolaki, Andrew Davies

**Abstract:** Building information modelling (BIM) is the major technological trend amongst built environment organisations. Digitalising businesses and operations, BIM brings forth a digital transformation in any built environment industry. The adoption of BIM presents challenges for organisations, especially small- and medium-sizes enterprises (SMEs). The main problem for built-environment SMEs is the lack of project actors with adequate BIM competences. The research highlights learning in projects as the key and explores into the learning of BIM in projects of designers and engineers within Thai design and engineering SMEs. The study uncovers three impeding attributes, which are: a) lack of English proficiency; b) unfamiliarity with digital technologies; and c) absence of public standards. This research expands on the literature on BIM competences and adoption.

**Keywords:** BIM competences and adoption, digital transformation, learning in projects, SMEs, and developing built environment industry

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