

## Exploring the Implementation of Building Information Modelling Level 2 in the UK Construction Industry: The Case of Small and Medium-Sized Enterprises

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**Abstract :** In the last few years, building information modelling (BIM) has been acknowledged as a new technology capable of transforming the construction sector to a collaborated industry. The implementation of BIM in the United Kingdom (UK) construction sector has increased significantly in the last decade, particularly after the UK government mandated the use of BIM in all public projects by 2016. Despite this, there are many indicators that BIM implementation is the main concern for large companies, while small and medium-sized enterprises (SMEs) are lagging behind in adopting and implementing this new technology. This slow adoption of BIM leads to an uncompetitive disadvantage in public projects and possible private projects. On the other hand, there is limited research focusing on the implementation of BIM Level 2 within SMEs. Therefore, the aim of this study is to bridge this gap and provide a conceptual framework to aid SMEs in implementing BIM Level 2. This framework is a result of interpreting qualitative data obtained by conducting semi-structured interviews with BIM experts in the UK construction industry.

**Keywords :** building information modelling, critical success factors, small and medium-sized enterprises, United Kingdom

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