

BARRIERS TO BIM ADOPTION IN UK SME CONTRACTORS

Understanding the challenges and identifying solutions

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RESEARCH QUESTION

What are the primary barriers to BIM adoption experienced by small and medium-sized construction enterprises in the United Kingdom, and how can these barriers be addressed?



WHY IT MATTERS

- SMEs make up the majority of UK construction firms
- BIM adoption remains low among SMEs
- Barriers impact productivity, collaboration & project outcomes
- Limited research focused on SME contractors' perspectives



PROPOSED METHODOLOGY



Mixed methods approach



Online survey with 80+ SME contractors



Semi-structured interviews with 8–12 industry practitioners



Statistical analysis (quantitative) & thematic analysis (qualitative)



EXPECTED OUTCOMES & IMPACT



Identify and rank the key barriers to BIM adoption in UK SME contractors



Understand financial, technical, cultural & organisational challenges



Develop practical recommendations and enabling solutions



Support wider BIM uptake, improving productivity, collaboration & project outcomes