

Building Information Modelling (BIM) for Data Sharing & Collaborative Working in Construction

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Construction projects are large and costly. BIM offers the necessary ground to enable data sharing and collaborative working between participants so that resources are used more effectively and efficiently, innovation is facilitated and construction costs are reduced. At the same time, BIM requires a different technological, organizational, and social setting. This paper provides insights for construction researchers, practitioners and educators into the necessary educational and technological background, as well as into the development, implementation and use issues and limitations of current BIMs.