



**UNIVERSITY OF
CAMBRIDGE**

Department of Engineering

CONSTRUCTION ENGINEERING MASTERS DISSERTATION ABSTRACT

Improving collaborative working in construction to enable projects to be delivered successfully

During the 1990's an agenda was set by key figures in the construction industry to improve the industry. In particular there was emphasis on the construction industry working collaboratively to improve the delivery of projects. This Thesis investigates the collaboration provisions in place to ensure projects can be delivered successfully. Procurement process is suggested to be a suitable mechanism for improving collaboration in construction.

The provisions of collaboration within the construction industry are introduced and investigated. After establishing the importance of delivering project successfully, the correlation between collaboration and projects being delivered on time, on budget and to the Clients requirements are reviewed and discussed. Some new tools such as Building Information Modeling are considered in promoting collaboration to deliver projects successfully. The theme of collaboration is explored and analysed further by undertaking interviews with directors within the construction industry. The new research carried out by the author is then reviewed and discussed. In conclusion, recommendations are made, which can be implemented and may assist in improving collaboration between project participants to deliver projects successfully.

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