

Article Abstract

Title:	Implementation of critical success factors in construction research and development process
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Journal:	<i>International Journal of Engineering, Science and Technology</i> , Vol. 2, No. 9, 2010, pp. 94-106.
Abstract:	Construction research and development (R&D) process has a number of issues that affect its success. These issues imply that Critical Success Factors (CSFs) of construction R&D process are not properly addressed. Not knowing CSFs could lead to not implementing them and not paying proper attention for them. The study investigates CSFs of construction R&D process and their implementation / consideration during the R&D process. A comprehensive literature review was used first to develop construction R&D process. CSFs and their implementation / consideration were evaluated by a questionnaire survey. Construction R&D process was derived with four phases namely Initiation, Conceptualizing, Development and Launch and Management activities that support coordination and resourcing of R&D process. Study revealed that, as a whole there is a gap between the importance of success factors against their implementation / consideration as majority of CSFs are not properly implemented compared to the importance attached to them.
Keywords:	Construction R&D process, Critical success factors, Implementation, Consideration