

Framework for Managing Complexity of Interconnections in Projects

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Abstract

Interconnections and boundaries between the various project parties have been identified as an area which requires careful consideration. Complexity is caused by interconnections and this could lead to a reduction in performance if the resulting interface is not purposefully and efficiently managed. Understanding the characteristics of complexity of interconnections, and how these affect organising projects and the management style will enable the development and implementation of innovative project actions and tools that will support the management of complexity through the respective processes. The authors present results from a study of UK construction organisations to shed more light on the influences of complexity generated by the interconnections. The results from the study have significant implications for the way project teams are put together and managed, and enabled the introduction of a framework for managing complexity of interconnections in projects.

Keywords

Complexity, Project Management, Organisation, Management Style

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