



Project Management for Construction

Fundamental Aspects from Conception to Completion

By Andrew Agapiou

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Analyses the different dimensions of construction project management and explores how current trends can influence the efficiency of the design and construction process within a dynamic industry and changeable political and regulatory environment.

Construction project management is an integrated activity which requires professionals to have an understanding of the whole building process and to think across the many interconnected functions of a building. In light of the exponentially growing need for specialists in construction project management to lead the design and construction stage effectively, this textbook has been designed for those who are able to manage both design and construction stages of complex buildings. Construction professionals will need to understand how and when to intervene as decision makers who can change the consequences of building activities. In addition, construction industry practitioners need to be better equipped with the necessary knowledge and skills to rethink design processes using value management principles with a huge focus on sustainable design as the vehicle during design and construction stage. The textbook also provides a unique overview and insight into the design, management, and operation of construction projects.

Readership

This textbook has been designed to appeal to students and practitioners from a wide range of built-environment related disciplines who wish to learn and apply project management principles within a dynamic industry and changeable political and regulatory environment.

Contents

Introduction; 1. The Principles of Project Management; 2. Project Briefing and Appraisal; 3. Forms of Construction Contract; 4. Mobilisation and Project Planning; 5. Quality and Defects Management; 6. Closing Out a Project.

About the Author(s) / Editor(s)

Dr. Andrew Agapiou is a senior lecturer at University of Strathclyde and teaches Construction Management and Construction Law. Andrew combines an academic background in Construction Management and Law with over 25 years of industrial experience, helping a wide range of clients to manage their project activities.

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