

1. Record Nr.	UNISA996218616403316
Titolo	Construction process improvement [[electronic resource] /] / edited by Brian Atkin, Jan Borgbrant & Per-Erik Josephson
Pubbl/distr/stampa	Oxford ; ; Malden, MA, : Blackwell Science, c2003
ISBN	1-281-31861-2 9786611318611 0-470-79008-3 0-470-69069-0 0-470-68042-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (322 p.)
Altri autori (Persone)	AtkinBrian BorgbrantJan JosephsonPer-Erik
Disciplina	690/068
Soggetti	Building - Cost effectiveness
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Construction Process Improvement; Contents; Preface; Acknowledgements; Contributors; 1 Introduction; Recognising the importance of process; Creating an effective response; Balancing concern for the product with the process; The process to be improved; Aims of this book; Topics addressed; Scope and content; 2 Modularisation in the Customisation of Manufactured Housing; Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References; 3 Application of Integrated Life Cycle Design to Housing; Introduction; State-of-the-art review Research project Case study: research results and impact; Conclusions; References; 4 Life Cycle Costs of Commercial Buildings - a Case Study; Introduction; Methodological considerations; Case study description; Energy conservation; Life cycle cost analyses; Conclusions; References; 5 A Life Cycle Cost Approach to Optimising Indoor Climate Systems; Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References; 6 Performance

Indicators as a Tool for Decisions in the Construction Process; Introduction; State-of-the-art review
Research project Research results and industrial impact; Conclusions; References; 7 Reducing the Risk of Failure in Performance within Buildings; Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References; 8 Physical Status of Existing Buildings and their Components with the Emphasis on Future Emissions; Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References; 9 Co-ordination of the Design and Building Process for Optimal Building Performance; Introduction
State-of-the-art review Research project; Conclusions; References; 10 New Concrete Materials Technology for Competitive Construction; Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References; 11 Competitiveness in the Context of Procurement; Introduction; State-of-the-art review; Research project; Conclusions; References; 12 Encouraging Innovation through New Approaches to Procurement; Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References
13 Public-Private Partnerships - Conditions for Innovation and Project Success Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References; 14 Pros and Cons in Partnering Structures; Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References; 15 Importance of the Project Team to the Creation of Learning Within and Between Construction Projects; Introduction; State-of-the-art review; Research project; Research results and industrial impact; Conclusions; References
16 Refurbishment of Commercial Buildings: the Relationship between the Project and its Context

Sommario/riassunto

The construction process has come under intense scrutiny in recent times and this is set to continue as building owners and users demand better value for money from a more sustainable built environment. The construction sector's actors are responding to the challenges implicit in this drive for greater competitiveness and social responsibility. New forms of procurement, innovation programmes, knowledge management, CAD-supported processes, predictive and diagnostic tools, and many more initiatives are helping to transform the sector.
Construction Process Improvement showcase
