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| 1. Record Nr. | UNINA9910819545003321 |
| Titolo | Construction process improvement / / edited by Brian Atkin, Jan Borgbrant & Per-Erik Josephson |
| Pubbl/distr/stampa | Oxford ; ; Malden, MA, : Blackwell Science, c2003 |
| ISBN | 9786611318611 9781281318619 1281318612 9780470790083 0470790083 9780470690697 0470690690 9780470680421 0470680423 |
| 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
