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Nota di contenuto	Process Management in Design and Construction; Contents; Preface; Contributors; Acknowledgements; Introduction - Why Process?; 1 The Product Development Process; Product development in manufacturing; The need for new product development (NPD); NPD activities; NPD models; Applying product development to construction: historical background; Construction project process models; Process development in construction; Conclusion; 2 Techniques and Technologies for Managing the Product Development Process in Construction; Approaches to process modelling; Process improvement IT and the design and construction processLegacy archive and process information management; Latest technology development; Future vision; 3 Case Study: the Generic Design and Construction Process Protocol; What do we mean by 'process'?; Drivers behind the process; Construction and 'process'; Manufacturing and 'process'; The terms of reference for designing the Process Protocol; Factors identified with problems in the design and construction process; The concept of the Process Protocol: the drivers and philosophies; Operation of the Protocol; The Process Protocol described

The Process Protocol elements
The Activity zones; Deliverables; Legacy archive; IT and the Process Protocol; The use of technology during the process; Postscript: the development of the sub-processes and a toolkit; Summary; 4 Implementation Issues; Implementation issues; A case study of implementation: Britannia Walk; Communication; The future; Conclusion; Appendix The Process Protocol Phases and Activity Zones Demystified; Phases; Phase 0: demonstrating the need; Phase 1: conception of need; Phase 2: outline feasibility; Phase 3: substantive feasibility study and outline financial authority
Phase 4: outline conceptual design
Phase 5: full conceptual design;
Phase 6: production design, procurement and full financial authority;
Phase 7: production information; Phase 8: construction; Phase 9: operation and maintenance; Activity zones; Development management; Project management; Resource management; Design management; Production management; Facilities management; Health and safety, statutory and legal management; Process management; Change management; List of Abbreviations; References; Index

Sommario/riassunto

Process management enables efficiency improvements by identifying and integrating generic sub-processes. This book provides a comprehensive introduction to process management in design and construction in order to meet the business needs of the construction industry in a highly competitive global environment.
