

SERIES ON TECHNOLOGY MANAGEMENT - VOL 19

FROM KNOWLEDGE MANAGEMENT TO STRATEGIC COMPETENCE

Assessing Technological, Market
and Organisational Innovation

Third Edition

editor

Joe Tidd

SPRU, University of Sussex, UK

Imperial College Press

Contents

Preface to the Third Edition	v
Part I. Strategic Competencies	1
1. Dynamic Capability and Diversification	3
<i>Javad Noori, Joe Tidd and Mohammad R. Arasti</i>	
2. What are Strategic Competencies?	21
<i>Richard Hall</i>	
3. The Role of Dynamic Capabilities in Developing Innovation-related Capabilities	43
<i>Hanna-Kaisa Ellonen, Ari Jantunen and Olli Kuivalainen</i>	
Part II. Market Competencies	65
4. Brands, Innovation and Growth: The Role of Brands in Innovation and Growth for Consumer Businesses	67
<i>Tony Clayton and Graham Turner</i>	
5. Technological and Market Competencies and Financial Performance	83
<i>Joe Tidd and Ciaran Driver</i>	
6. Knowledge Management Routines for Innovation Projects: Developing a Hierarchical Process Model	113
<i>David Tranfield, Malcolm Young, David Partington, John Bessant and Jonathan Sapsed</i>	

Part III. Technological Competencies	135
7. Indicators of Innovation Performance <i>Pari Patel</i>	137
8. Assessing Technological Competencies <i>Francis Narin</i>	161
9. The Complex Relations Between Communities of Practice and the Implementation of Technological Innovations <i>Donald Hislop</i>	197
Part IV. Organisational Competencies	223
10. Managing Competences to Enhance the Effect of Organizational Context on Innovation <i>Sebastien Brion, Caroline Mothe and Mareva Sabatier</i>	225
11. The Organisation of "Knowledge Bases" <i>Jonathan Sapsed</i>	253
12. Supplier Strategies for Integrated Innovation <i>Thorsten Teichert and Ricarda B. Bouncken</i>	281
Part V. Developing Competencies	305
13. Innovation: A Performance Measurement Perspective <i>Pervaiz K. Ahmed and Mohamed Zairi</i>	307
14. Learning and Continuous Improvement <i>John Bessant</i>	343
15. Creating Value by Generative Interaction <i>Michael M. Hopkins, Joe Tidd and Paul Nightingale</i>	361
Bibliography	387
Index	417