Knowledge Management: Tools and Techniques

# Knowledge Management: Tools and Techniques

## 2nd Edition

## Table of Contents

**Preface**

**Chapter 1: FRAMEWORKS FOR STUDY OF KM TOOLS**

- 1.1 Introduction
- 1.2 Alavi and Leidner’s Process Framework
- 1.3 Natarajan and Shekhar’s Dual KM Framework
- 1.4 Marwick’s Adaptation of Nonaka’s SECI Model
- 1.5 Ovum Consulting 7-layer KM Architecture Model
- 1.6 Other Hybrid Frameworks
- 1.7 Concluding Remarks

**Chapter 2: ASSESSING ORGANISATION READINESS FOR KM**

- 2.1 Introduction
- 2.2 Other Approaches to Assessing KM Readiness
- 2.3 Concluding Remarks
  
  Special Contribution

**Chapter 3: SELECTION AND EVALUATION OF KM TOOLS**

- 3.1 Introduction
- 3.2 Developing a KM (or KM Tools) Strategy
- 3.3 Selecting a KM Tool
- 3.4 Pre (and Post) Implementation Evaluation
- 3.5 Building the Business Case (or Value Proposition)
- 3.6 Concluding Remarks

**Chapter 4: INFRASTRUCTURE TOOLS**

- 4.1 Introduction
- 4.2 Database Management Systems
- 4.3 The Internet
- 4.4 Intranets
- 4.5 Extranets
- 4.6 Information Storage Tools

**Chapter 5: CONTENT MANAGEMENT**

- 5.1 Introduction
- 5.2 Content Management Systems
  
  Case Study: Wahala of China
  
  Vignette
Chapter 6: CORPORATE TAXONOMY
  6.1 Introduction
  6.2 Metadata: Definition and Application
  6.3 Taxonomy
  6.4 Expertise Locators
     Vignette

Chapter 7: KNOWLEDGE TRANSFER AND SHARING
  7.1 Introduction
  7.2 Mind Maps
  7.3 Idea Processors
  7.4 Concept-mapping, Mind-mapping and Other Creative and Idea
     Generation Software
  7.5 Social Network Analysis
     Vignette

Chapter 8: DISCOVERY SERVICES
  8.1 Introduction
  8.2 Intelligent Agents
  8.3 Search Engines
  8.4 Data Mining
  8.5 Text Mining
     Vignette

Chapter 9: COLLABORATION SERVICES
  9.1 Introduction
  9.2 Collaboration Tools
     Vignette

Chapter 10: INTERFACES AND REPOSITORIES
  10.1 Introduction
  10.2 Enterprise Knowledge Portals
  10.3 Portal Software
  10.4 Strategy for Portal Development and Implementation
  10.5 Portal Design Heuristics
  10.6 Challenges Ahead
  10.7 E-learning and Reusable Learning Objects
  10.8 Concluding Remarks
     Vignette

Chapter 11: KM APPLICATIONS – CUSTOMER RELATIONSHIP MANAGEMENT AND
            COMPETITIVE INTELLIGENCE
  11.1 Introduction – What is Customer Relationship Management?
  11.2 CRM Tools – Call Centre Tools
  11.3 CRM Tools – Campaign Management Software
11.4 CRM Tools – Sales Force Automation Software
11.5 CRM Tools – Internet-based CRM Tools & Issues
11.6 CRM Tools Vendors
11.7 CRM Implementation Issues
11.8 What is Competitive Intelligence (CI)?
11.9 Concluding Remarks
   Vignette
   Appendix

Chapter 12: KM BEST PRACTICES, IMPACT AND TRENDS
12.1 Best Practices
12.2 Impact of KM Tools in the Knowledge Organisation
12.3 Current Challenges and Future Trends
12.4 Closing Remarks
   Vignette