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Nota di contenuto	Chapter 1 Roadmapping for Strategic Alignment, Integration and Synchronization -- Chapter 2 Technological Roadmaps as an Instrument for Operationalizing Innovation Strategies of Large Corporations -- Chapter 3 Technology Roadmapping: KPI Management Process -- Chapter 4 Value-oriented roadmapping for early-stage venture funding -- Chapter 5 Digitalization of roadmapping processes: insights and opportunities -- Chapter 6 Technology Roadmapping Approach Based on Engineering Science, Technology Knowledge Graph and Expert Interaction -- Chapter 7 Technology Roadmapping: Cooling and Heating in Sub Saharan Africa -- Chapter 8 Roadmapping of biogas production technology in Sub-Saharan Africa: waste to energy -- Chapter 9 Demand Response Technology Roadmap for Electricity Transmission And Distribution in Turkey -- Chapter 10 Demand

Response in Generation Capacity Planning Technology Roadmap: Turkey's Quest -- Chapter 11 Demand Response in Grid Operations -- Chapter 12 Designing A Technology Roadmap through Demand Response Management in Energy -- Appendix 1 Exploring Airbnb -- Appendix 2 The AutoFac Technology Roadmap -- Appendix 3 EV Energy Storage Technology Roadmap -- Appendix 4 Farmers Business Network (FBN) -- Appendix 5 Pandemic Passports -Technology Roadmap -- Appendix 6 Accelerated Vaccine Production Roadmap -- Appendix 7 Technology Roadmap for Portland Metro Water Supply Chain.

Sommario/riassunto

Roadmapping is a structured visual approach for supporting strategic technology and innovation management, providing strategic navigational support (hence the “roadmap” metaphor) for technologists, designers, entrepreneurs, programme managers, executives, policy makers, other stakeholders involved in the formulation and implementation of strategy. This book brings together the latest developments in roadmapping, covering a range of practical issues and conceptual aspects. First, the book delves into the critical topic of strategic alignment within organizations, encompassing the interdependencies and synchronization of horizontal and vertical systems, connecting innovation priorities to strategic objectives, and the integration of key performance indicators. Then, the book concentrates on practical techniques and tools for roadmapping, including a template-based approach for technology venture funding. Social and digital aspects of roadmapping are explored, including workshop methods, considering how quantitative (analysis) and qualitative (expert) knowledge can be combined for improved strategic planning. Finally, a series of new case studies focusing on energy systems in Sub-Saharan Africa and Turkey illustrate the practical application of technology roadmapping and also provide useful insights. Roadmapping continues to evolve, as it is adapted to apply to new domains and strategic challenges, propagates to new sectors, and as new digital technologies such as AI emerge that radically affect strategy and innovation processes. The need for structured and engaging approaches such as roadmapping for navigating towards the future is essential.
