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Altri autori (Persone)	CarayannisElias G CampbellDavid F. J. <1963->
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Nota di contenuto	Contents; Preface; Introduction and Chapter Summaries; 1 ""Mode 3"" : Meaning and Implications from a Knowledge Systems Perspective; 2 Productive Research Teams and Knowledge Generation; 3 Re-Thinking Science: Mode 2 in Societal Context; 4 Knowledge Production: Competence Development and Innovation-Between Invention and Routine; 5 The University/Business Research Networks in Science and Technology: Knowledge Production Trends in the United States, European Union, and Japan; 6 Innovation in Clusters and the Liability of Foreignness of International R&D 7 The Emergence of Regional Technological Capabilities and Transatlantic Innovation Networks: A Bibliometric Study of Public-

Private, EU-U.S. R&D Partnerships<sup>8</sup> Measuring Science-Technology Interaction in the Knowledge-Driven Economy; 9 The Different Dynamics of the Biotechnology and ICT Sectors in Finland; 10 The Transformation of the German System of Innovation: The Case of Biotechnology; 11 ""Competence Centers"" in Germany: How Can Policymakers Support the Improved Diffusion of Knowledge?; 12 Cooperation and Networking as a Side Effect of the German Delphi '98 13 Certification and Knowledge Management: An Approach Applied to the Space Transport Industry<sup>14</sup> Innovation Policy in the Knowledge-Based Economy: The Israeli Case; 15 Using National Innovation Systems to Enhance S&T Policy: A Knowledge-Based Approach with Examples from Japan; 16 Visualization of Research Universities: Raising the Right Questions to Address Key Functions of the Institution; Conclusion: Key Insights and Lessons Learned for Policy and Practice; Index

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Sommario/riassunto

In the 21st century, intangible resources such as knowledge and social capital have become as necessary to the modern economy as coal, diamonds, and oil were to the past. This shift from product-focused to service-focused economies necessitates a drastic re-thinking of the ways in which we support the mission and business of economic development on a global, regional, and national scale. In order to effect and sustain a positive change, innovation and knowledge networks need to be connected to every aspect of life, from the private and domestic, to the corporate and the global. This book integ

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