

1. Record Nr.	UNINA9910407723803321
Autore	Crawley Edward
Titolo	Universities as Engines of Economic Development : Making Knowledge Exchange Work // by Edward Crawley, John Hegarty, Kristina Edström, Juan Cristobal Garcia Sanchez
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-47549-2
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (336 pages)
Disciplina	338.43378 378
Soggetti	Electronic circuits Technology Engineering—Vocational guidance Circuits and Systems Popular Science in Technology Job Careers in Science and Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. The Impact of Universities on Economic Development -- Chapter 2. A Systematic Approach to Knowledge Exchange -- Chapter 3. Education and Knowledge Exchange -- Chapter 4. Research and Knowledge Exchange -- Chapter 5. Catalyzing Innovation and Knowledge Exchange -- Chapter 6. Integrated Knowledge Exchange -- Chapter 7. Supporting the Academic Mission of the Adaptable University -- Chapter 8. Evaluation and Expectations at the Adaptable University -- Chapter 9. Alignment by Partners with the Adaptable University -- Chapter 10. Embracing Change at the Adaptable University. .
Sommario/riassunto	This book describes patterns of behavior, which collectively allow universities to exchange knowledge more effectively with industry, accelerate innovation and eventually contribute to economic growth and development. These are based on the effective practices of MIT and other universities the authors have benchmarked, building on the

practices that MIT has exported in its international institution building projects conducted since 2000. The authors provide guidance that is globally applicable, but must be locally adapted. The approach is first to describe the context in which universities act as engines of economic development, and then present a set of effective practices in four domains: education, research, innovation, and supporting practices. Each of these domains has six to nine practices, and each practice is presented in a similar template, with an abstract, a rationale and description, and one or two mini-case studies. Each domain is summarized by an integrative case study. Focuses on a globally adaptable set of effective practices, complemented by case studies, that can enhance universities' contribution to economic development, based on an integrated view of education, research and innovation; Presents effective practices and broader insights that come from real global experience, spelled out in templates and explained by cases; Includes tangible resources for university leaders, policy makers and funders on how to proceed.

---