

1. Record Nr.	UNINA9910585953703321
Autore	Arundel Anthony
Titolo	Harnessing public research for innovation in the 21st century : an international assessment of knowledge transfer policies / / edited by Anthony Arundel, Suma Athreye, Sacha Wunsch-Vincent
Pubbl/distr/stampa	Cambridge University Press, 2021 Cambridge : , : Cambridge University Press, , 2021
ISBN	1-108-91183-8 1-108-91109-9 1-108-90423-8
Descrizione fisica	xxxix, 502 pages
Collana	Intellectual property, innovation and economic development
Classificazione	LAW050000LAW050000
Disciplina	607.2
Soggetti	research innovation knowledge transfer research body university
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I. Setting the context -- 1. The evolving role of public R&D and public research organizations in innovation -- 2. Evaluating knowledge transfer policies and practices: conceptual framework and metrics -- 3. Measuring global patenting of universities and public research institutes -- Part II. Selected comparative country studies -- 4. United Kingdom -- 5. Germany -- 6. Republic of Korea -- 7. Brazil -- 8. China -- 9. South Africa -- Part III. The way forward -- 10. Policies and practices for supporting successful knowledge transfer from public research to firms -- 11. Policy recommendations: aiming for effective knowledge transfer policies in high- and middle-income countries -- 12. Toward a comprehensive set of metrics for knowledge transfer -- Technical annex: survey on policies and practices for IP-mediated knowledge transfer -- Index
Sommario/riassunto	"Universities and public research institutes play a key role in enabling the application of scientific breakthroughs and innovations in the

marketplace. Many countries - developed and developing alike - have implemented national strategies to support the application or commercialization of knowledge produced by public research organizations. Universities and public research institutes have introduced practices to support these activities, for instance by including knowledge transfer to promote innovation as a core part of their mission. As a result, a vital question for policymakers is how to improve the efficiency of these knowledge transfer practices to help maximize innovation-driven growth and/or to seek practical solutions to critical societal challenges. This book aims to develop a conceptual framework to evaluate knowledge transfer practices and outcomes; to improve knowledge transfer metrics, surveys and evaluation frameworks; and to generate findings on what works and what does not, and to propose related policy lessons. This book is also available as Open Access."--Publisher.
