Table of Contents

Preface: Stronger Innovation Linkages v for Global Growth		Chapter 3: Academia-Industry Innovation Linkages in the Case of Saudi Arabia: Developing a University-Industry		
By Soumitra Dutta, Roland Berger Professor of Business and		Triple-Helix Framework to Promote Research and Development Collaboration		
Technology, Academic Director, INSEAD eLab, INSEAD and Francis Gurry, Director General, World Intellectual Property		By Khaled S. Al-Sultan and Dr. Iyad Alzaharnah, King Fahad		
Organization		University for Petroleum & Minerals of Saudi Arabia		
Foreword: Embracing New Types of Partnerships	vii	Chapter 4: Accounting for Science-Industry	97	
to Drive Open Innovation		Collaboration in Innovation: Existing Metrics and Related Challenges		
By Ben Verwaayen, Chief Executive Officer, Alcatel-Lucent		By Sacha Wunsch-Vincent, World Intellectual Property Organization		
Foreword: The Coherence Premium in Innovation	ix			
By Cesare R. Mainardi, Chief Executive Officer, Booz & Company		Chapter 5: The Role of Coherent Linkages in Fostering Innovation-Based Economies in the Gulf Cooperation	109	
Foreword: Why Innovation Linkages?	xi	Council Countries		
Perspectives from an Emerging Economy		By Barry Jaruzelski, Chadi N. Moujaes, Rasheed Eltayeb, Hadi Raad, and Hatem A. Samman, Booz & Company		
By Chandrajit Banerjee, Director General, Confederation of Indian Industry		and naternat. Summan, 5002 & Company		
indian industry		Chapter 6: The Russian Federation: A New Innovation	121	
Contributors to the Report	xiii	Policy for Sustainable Growth		
		By Leonid Gokhberg and Vitaly Roud, Higher School of Economics, Russian Federation		
Advisory Board to the Global Innovation Index	XV	Nussiairi Ederation		
		Chapter 7: Shaping the National Innovation System:	131	
Rankings		The Indian Perspective		
	•••	By Yagnaswami Sundara Rajan, Indian Space Research Organization		
Global Innovation Index 2012 Rankings	XVIII	Annex: Acronyms	141	
		Chapter 8: An Integrated Policy Approach in	143	
Chapters		Science, Technology, and Innovation for Sustainable		
Chantay 1. The Clobal languation laday 2012.	2	Development: A UNESCO Idea in Action By Irina Bokova, UNESCO		
Chapter 1: The Global Innovation Index 2012: Stronger Innovation Linkages for Global Growth	3	by IIIIa bokova, orvesco		
By Soumitra Dutta and Daniela Benavente, INSEAD; and Sacha Wu	Chapter 9: Broadband, Inevitable Innovation,	149		
Vincent, World Intellectual Property Organization		and Development		
Annex 1: The Global Innovation Index ConceptualFramework	43	By Robert Shaw, ITU, and Bruno Lanvin, INSEAD eLab and Broadban Commission	d	
Annex 2: Adjustments to the Global Innovation Index	67	Chapter 10: The Internet: An Unprecedented and	157	
Framework and Year-on-Year Comparability of Results		Unparalleled Platform for Innovation and Change		
Annex 3: Statistical tests on the Global Innovation Index	71	By Lynn St. Amour, Internet Society		
By Michaela Saisana and Dionisis Th. Philippas, European Commission Joint Research Centre (Ispra, Italy)		Chapter 11: We Are All Content Creators Now:	163	
Commission Joint Nescarch Centre (Ispia, Italy)		Measuring Creativity and Innovation in the	103	
Chapter 2: The Role of Public-Private Partnerships in	81	Digital Economy		
Driving Innovation		By Derek Slater and Patricia Wruuck, Google		
By Louis Witters, Revital Marom, and Kurt Steinert, Alcatel-Lucent				

Appendices

ì	t		۰	۰
١	ŧ			
ı	ć	•		
ì	i			
ı,		ı		
ì	í			۱
í	•			
ľ				
ľ				
Ġ		2		
1	ţ			
ľ				
K				
ľ				
ı		Ė		
į	•			
	4	2		
ľ		2		
9				
ò				
þ	=	4		į
ı	ć	٥	ı	
í	Ċ			
ò		_		
9	Į	4		
ı	ı		ı	
K				

Appendix I: Country/Economy Profiles	173
Appendix II: Data Tables	319
Appendix III: Sources and Definitions	409
Appendix IV: Technical Notes	427
Appendix V: About the Authors	433