

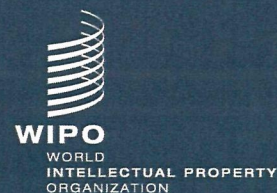
1H//605420K(039)



JOHNSON
Cornell University

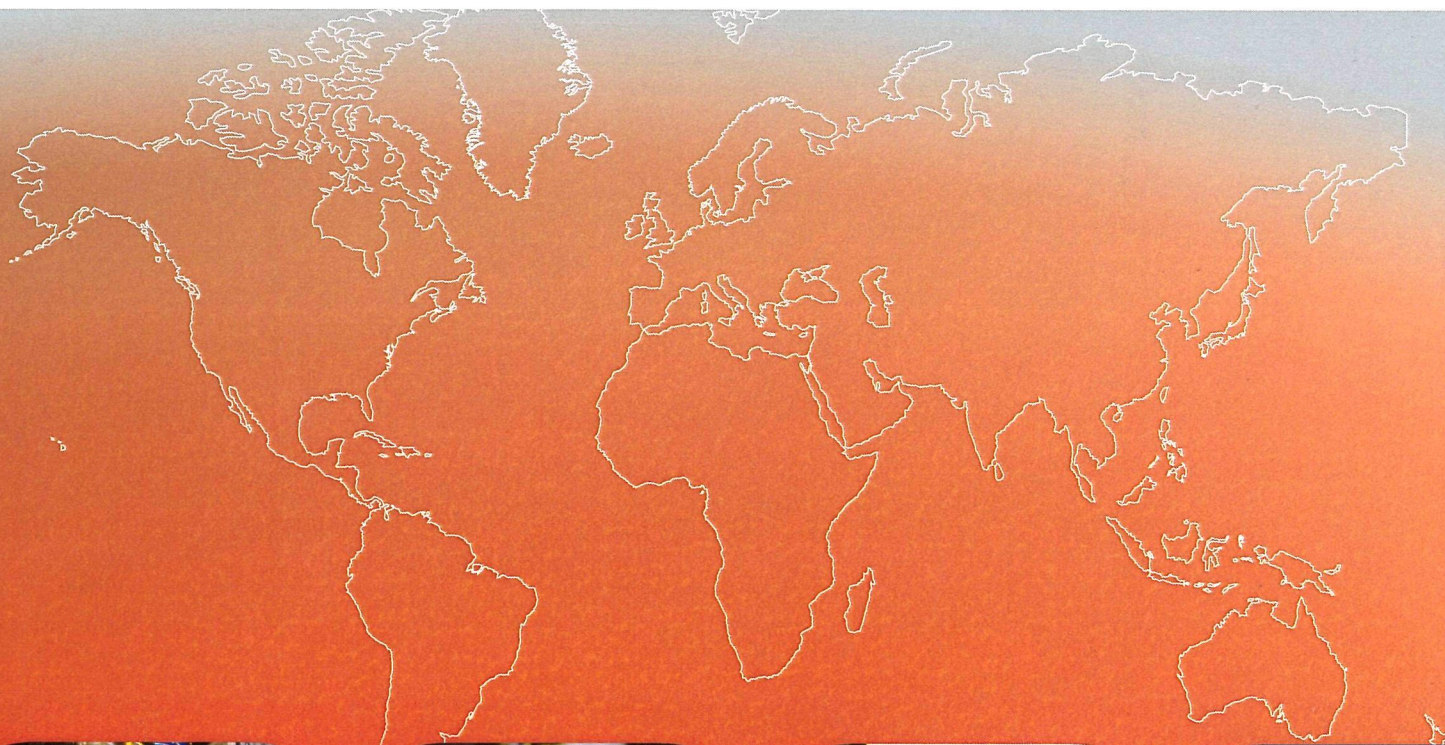
INSEAD

The Business School
for the World®



The Global Innovation Index 2016

Winning with Global Innovation



Confederation of Indian Industry



ATKearney



IMProve academy

Contents

Preface: Releasing the Global Innovation Index 2016: Winning with Global Innovation	v
By Soumitra Dutta, Cornell University; Francis Gurry, World Intellectual Property Organization; and Bruno Lanvin, INSEAD	
Foreword: Global Innovation, Local Innovators	vii
By Johan Aurik, Managing Partner and Chairman of the Board, A.T. Kearney	
Foreword: Local Problems, Global Solutions: The Globalization of Innovation as a Win-Win Proposition	ix
By Chandrajit Banerjee, Director General, Confederation of Indian Industry	
Foreword: Global Innovation: An Accelerated Path for Growth	xi
By Osman Sultan, Chief Executive Officer, du	
Contributors to the Report	xiii
Advisory Board to the Global Innovation Index	xv
RANKINGS	
Global Innovation Index 2016 Rankings	xviii
KEY FINDINGS	
Key Findings of Chapter 1	xxii
CHAPTERS	
Chapter 1: The Global Innovation Index 2016: Winning with Global Innovation	3
By Soumitra Dutta, Rafael Escalona Reynoso, and Jordan Litner, Cornell University; Bruno Lanvin, INSEAD; and Sacha Wunsch-Vincent and Kritika Saxena, WIPO	
Annex 1: The Global Innovation Index (GII) Conceptual Framework	49
Annex 2: Adjustments to the Global Innovation Index Framework and Year-on-Year Comparability of Results	57
Annex 3: Joint Research Centre Statistical Audit of the 2016 Global Innovation Index	61
By Michaela Saisana, Marcos Domínguez-Torreiro, and Daniel Vertesy, European Commission, Joint Research Centre (JRC), Ispra, Italy	
Chapter 2: A Bigger Bang for the Buck: Trends, Causes, and Implications of the Globalization of Science and Technology	75
By Suma Athreye, Brunel University; and John Cantwell, Rutgers University	
Chapter 3: Technology-Driven Foreign Direct Investment within the Global South	81
By Cristina Chaminade, Lund University, and Lucía Gómez, Turku University	

(Continued)

Chapter 4: Innovating Together? The Age of Innovation Diplomacy	91
By Kirsten Bound, Nesta	
Chapter 5: Local Needs, Global Challenges: The Meaning of Demand-Side Policies for Innovation and Development	97
By Jakob Edler, Manchester Institute of Innovation Research, Alliance Manchester Business School, University of Manchester	
Chapter 6: Becoming a Global Player by Creating a New Market Category: The Case of AMOREPACIFIC	103
By Hyunjee Kim, Seoul National University; Jeehye Jennifer Rho and Seonjoo Lee, AMOREPACIFIC; and Jaeyong Song, Seoul National University	
Chapter 7: Radical Innovation Is Collaborative, Disruptive, and Sustainable	111
By Garry Lyons, MasterCard	
Chapter 8: The Management of Global Innovation: Business Expectations for 2020	117
By Kai Engel, Nigel Andrade, Erik Peterson, and Mauricio Zuazua, A.T. Kearney; and Martin Ruppert, IMP ³ rove – European Innovation Management Academy	
Chapter 9: Global Corporate R&D to and from Emerging Economies	125
By Max von Zedwitz, GLORAD Center for Global R&D and Innovation, Kaunas University of Technology; and Oliver Gassmann, University of St. Gallen	
Chapter 10: From Research to Innovation to Enterprise: The Case of Singapore	133
By Lim Chuan Poh, Agency for Science, Technology and Research (A*STAR)	
Chapter 11: National Innovation Systems Contributing to Global Innovation: The Case of Australia	141
By Alan Finkel, Department of Industry, Innovation and Science, Australia; and John Bell, ACIL Allen Consulting	
Chapter 12: Leveraging Talent Globally to Scale Indian Innovation	149
By Gopichand Katragadda, TATA Sons; and Aravind Bharadwaj, Mahindra & Mahindra Ltd.	
Chapter 13: How to Design a National Innovation System in a Time of Global Innovation Networks: A Russian Perspective	159
By Leonid Gokhberg and Vitaliy Roud, National Research University – Higher School of Economics	
APPENDICES	
Appendix I: Country/Economy Profiles	169
Appendix II: Data Tables	303
Appendix III: Sources and Definitions	391
Appendix IV: Technical Notes	407
Appendix V: About the Authors	413