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Nota di contenuto	Front Cover; Contents; Executive Summary; Foreword; Part I: WHY CCS?; CHAPTER 1: CCS in a Global Context; CHAPTER 2: CCS Deployment Status, Regional Applicability, and Stakeholders; Part II: TECHNICAL DESCRIPTION AND OPERABILITY OF THE CCS CHAIN; CHAPTER 3: CO2 Capture and Separation; CHAPTER 4: CO2 Transport Systems; CHAPTER 5: CO2 Geological Storage; Part III: DEPLOYMENT DRIVERS; CHAPTER 6: CCS Regulatory Framework; CHAPTER 7: Economics of the CCS Chain; CHAPTER 8: CCS Quality Standards-Challenges to Commercialization; CHAPTER 9: Conclusion: A Pragmatic Way Forward; Glossary Appendix 1: List of FiguresAppendix 2: List of Tables; Appendix 3: List of Boxes
Sommario/riassunto	This book focuses on issues related to a suite of technologies known as "Carbon Capture and Storage (CCS)," which can be used to capture and store underground large amounts of industrial CO2 emissions. It addresses how CCS should work, as well as where, why, and how these

technologies should be deployed, emphasizing the gaps to be filled in terms of research and development, technology, regulations, economics, and public acceptance. The book is divided into three parts. The first part helps clarify the global context in which greenhouse gas (GHG) emissions can be analyzed, highlights