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Altri autori (Persone)	ClarkeRichard H GlowackiBartek Andrzej <1951-> NuttallWilliam J
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Nota di contenuto	Front Cover; The Future of Helium as a Natural Resource; Copyright Page; Contents; List of figures and tables; Notes on contributors; Acronyms and abbreviations; Preface; Editors' acknowledgements; Units conversion table; 1. Introduction: Richard H. Clarke, William J. Nuttall and Bartek A. Glowacki; 2. A history of the helium industry: Bo Sears; 3. The US federal helium reserve: Joseph B. Peterson; 4. Helium in Algeria: pioneering helium extraction from LNG: Benjamin Reinhoehl; 5. LNG: the global liquefied natural gas market: Andrew Flower; 6. Helium in Russia: Benjamin Hooker 7. India: harnessing helium from the Earth's interior: Nisith K. Das, Rakesh K. Bhandari and C. Mallik8. Helium from the air : the backstop: Richard H. Clarke and Roger Clare; 9. Helium demand: applications, prices and substitution: Zhiming Cai, Richard H. Clarke, and William J. Nuttall; 10. The dynamics of the helium market: William J. Nuttall, Zhiming Cai, Bartek A. Glowacki, Nikolaos Kazantzis and Richard H. Clarke; 11. Closed-cycle refrigeration: minimizing helium demand in

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Sommario/riassunto

The book reveals the changing dynamics of the helium industry on both the supply-side and the demand-side. The helium industry has a long-term future and this important gas will have a role to play for many decades to come. Major new users of helium are expected to enter the market, especially in nuclear energy (both fission and fusion). Prices and volumes supplied and expected to rise and this will prompt greater efforts towards the development of new helium sources and helium conservation and recycling.
