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Nota di contenuto	General overview -- Advanced Nuclear Technologies and its Future Possibilities -- The Current Situation and Perspective of the SMRs Market in North and South America, including the Caribbean -- The Current Situation and Perspective of the SMRs Market in the European region -- The Current Situation and Perspective of the SMRs Market in Asia, including the Middle East and the Pacific Rim -- The Current Situation and Perspective of the SMRs Market in Africa -- Benefits of the Use of SMRs for the Generation of Electricity -- Main Limitations and Difficulties to be Overcome in the Use of SMRs for the Generation of Electricity -- The Future of SMRs.
Sommario/riassunto	As a flexible, cost-effective energy alternative to large scale nuclear power reactors, this book examines the potential future use of small modular reactors for the generation of electricity in different regions. Exploring advanced nuclear technologies, chapters describe the current situation and perspective of the small modular reactors market (SMRs) in different regions around the word, including North and South America, Europe, Asia, Middle East and Africa. Particular attention is

paid to the benefits of using these types of reactors for the generation of electricity, discussing their efficiency and reduced construction time, as well as exploring the main difficulties encountered in the development stage. Looking at the potential dangers that SMRs pose to the environment and population, the text presents the new safety measures that have been adopted in SMRs design to reduce future risk.