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Nota di contenuto	PART I - Security & Geopolitical aspects of the Energy Union -- Chapter 1. Has the Energy Union Strategy delivered concrete solutions to Europe's energy security question?; Christos Syriopoulos -- Chapter 2. Energy Geopolitics Crossovers in Central & Eastern Mediterranean at the Prize of the Energy Union policy; Thrassyvoulos N. Marketos -- Chapter 3: Strategic elements of the Energy Union and the role of regulation in energy security; Michalis Mathioulakis -- PART II - Regional and Regulatory aspects of the Energy Union -- Chapter 4. Geopolitical Challenges and Cooperation in the European Energy Sector: The Case of SE Europe and the Western Balkan Six initiative; Sotirios Manolkidis -- Chapter 5. Integrating energy markets in the wider Europe; Panayotis Glavinis, Anna Konstantinidou, Afroditi Semkou, Elias Andreadis and Elias Kolovos -- Chapter 6. Soft measures for energy market reform in the Western Balkans; Maria Bozoudi -- Chapter 7. The Role of the Energy Charter Process in Accelerating the Energy Transition and Ensuring Energy Security in South East Europe in line with the Energy Union; Göke Mete and Janessa Goh -- PART III - Transitional aspects of the Energy Union -- Chapter 8. Drivers & Enablers of LNG Bunkering; Alexandros Lagakos -- Chapter 9. The EU Green Deal and the impact on the future of gas and gas infrastructure in the European Union; Constantine Levoyannis -- Chapter 10. Energy in transition: Investing

in green energy and circular economy to enhance energy security; Spyros Kiartzis, Katerina Tsita and Evangelia Paschalidou -- Chapter 11. Challenges and opportunities in renewable energy developments; Ivan Pineda -- Chapter 12. Offshore Wind - Staying ahead of the curve ; Marios Papalexandrou -- PART IV - Technical aspects of the Energy Union -- Chapter 13. Energy Analytics: From Data Acquisition to Data-Driven Business Models; Dimitrios Doukas -- Chapter 14. Maintenance: A key factor for Energy Efficiency; Vassilios Kappatos -- Chapter 15. Conclusion.

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## Sommario/riassunto

This book provides a comprehensive exploration of some of the most critical issues regarding the EU's Energy Union policy. Applied European energy policies face a number of challenges ranging from the geopolitics of energy and energy regulation, to climate change, advancing renewable and gas technologies, and consumer empowerment structures. This book takes a multi-dimensional look into some of these vital issues regarding the European energy sector with a special focus on the effects the Energy Union policy has in two sensitive regional systems, Southeastern Europe and the Eastern Mediterranean. Energy, being by definition a multi-disciplinary field, presents a challenge for readers of any specific disciplinary background that need to grasp an overall understanding of the various aspects of this exciting sector. This book's objective is to offer the opportunity for readers to get a quality, hands-on overview of the Energy Union by the professionals and academics that interact with it on a daily basis. Michalis Mathioulakis is an Energy Strategy Analyst and the Academic Director of the Greek Energy Forum. He is a research associate at the Institute of International, European and Defence Analyses of the University of Macedonia in Thessaloniki, where he is responsible for the analysis of the energy sector in MENA and the Eastern Mediterranean. He has substantial working experience in the financial sector as a broker and analyst, as well as the private education sector, teaching Finance and Risk Analysis in Executive MBA programs. He is currently providing consulting services regarding energy strategy and energy regulation for Law firms and Consulting firms associated with the energy sector.

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