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Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Wind Energy Developments -- Chapter 3. What is the Wind Energy Progress in Greece? Prospects and Problems -- Chapter 4. Wind Energy Program in Japan -- Chapter 5. Wind Power Generation in Jordan: Current Situation and Future Plans -- Chapter 6. Wind Energy in Australia -- Chapter 7. Hybrid Wind Energy Solutions including Energy Storage -- Chapter 8. Risk Analysis in Wind Energy - An Alternative Approach for Decision Making -- Chapter 9. Wind Energy in Argentina, actual and prospects -- Chapter 10. Advancements and Challenges Affecting Wind Turbine Implementation in the GCC Countries -- Chapter 11. Wind Energy in the UK: Progress and Future Expectations -- Chapter 12. Urban Environment: Characterization of the Wind in Flat Roofs -- Chapter 13. Wind Energy in Morocco, Research, Potential and Progress -- Chapter 14. Wind Energy Program in Republic of Korea – Present and Future -- Chapter 15. Wind Energy Economics -- Chapter 16. Energy storage on a power

system -- Chapter 17. Conclusions.

Sommario/riassunto

This unique volume on wind energy features contributions from the world's leading research and development pioneers in the field of renewable energy. It discusses advances in offshore wind technology, grid-connected systems, grid stabilization and wind turbine design and highlights. Written from an international perspective, chapters focus on the status of wind energy in various regions and countries across the globe, outlining the positive impact its implementation has had on delaying the catastrophic effects of climate change. .
