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Nota di contenuto	Introduction: What, Why, and How of Sustainable Energy -- Myth: Renewable Energy is too Intermittent to be Reliable? -- Myth: Renewable energy is too expensive to be affordable? -- Myth: Renewable Energy is Too Disruptive to be Feasible? -- Reality Current State of Sustainable Energy -- Successful Sustainable Energy Projects -- Challenges and Barriers for the Transition to Sustainable Energy -- Future Prospects and Emerging Technologies -- The Path Forward for Transition to Sustainable Energy -- Conclusion and Personal Remarks about Sustainable Energy.
Sommario/riassunto	This book embarks on a transformative journey through the complex landscape of renewable energy, challenging prevailing myths and uncovering the realities that define our energy future. At the heart of this exploration lies the dynamic intersection of technology and sustainability, spotlighting the critical nexus where innovation meets eco-conscious solutions. Far from a mere debunking exercise, this book unfolds as a comprehensive narrative, weaving through the complex tapestry of challenges and opportunities that define the sustainable energy paradigm. Unravelling misconceptions surrounding sustainable energy, the book places a particular emphasis on renewable

sources like solar and wind, providing a profound understanding that extends beyond the surface. Engaging case studies and examples punctuate the narrative, offering a firsthand glimpse into the practical applications and challenges of sustainable energy projects. Designed for a diverse readership, the book speaks to: (i) Students and teachers: Delving into the scientific and technical intricacies of sustainable energy sources, along with their broader environmental, social, and economic impacts. (ii) Researchers and professionals: Offering an up-to-the-minute guide to the latest developments and trends in the ever-evolving field of sustainable energy. (iii) Policy makers and activists: Providing a nuanced exploration of the facts and evidence underpinning sustainable energy, alongside an insightful examination of the myths and misconceptions that surround it. (iv) General readers: Inviting all who seek to broaden their knowledge and awareness of sustainable energy, understanding its profound relevance and importance for the collective future of humanity and the planet. This book isn't just a journey; it's a call to action. As you turn the pages, you're not only gaining knowledge but becoming part of a movement toward a resilient and eco-friendly tomorrow. Embrace the future of energy – informed, inspired, and empowered.
