

1. Record Nr.	UNINA9910298503003321
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Titolo	The Development of Renewable Energy Sources and its Significance for the Environment [[electronic resource] /] / by Almas Heshmati, Shahrouz Abolhosseini, Jörn Altmann
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2015
ISBN	981-287-462-3
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (187 p.)
Disciplina	330 333.79 338.9 338926 621.042
Soggetti	Economic policy Energy policy Energy and state Renewable energy resources Economic growth Economic Policy Energy Policy, Economics and Management Renewable and Green Energy Economic Growth
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biographies of the Authors -- List of Abbreviations -- List of Tables.- List of Figures -- Chapter 1: Introduction -- Chapter 2: The Energy and Environment Relationship -- Chapter 3: Alternative Renewable Energy Production Technologies -- Chapter 4: Regulatory Frameworks for Renewable Energy Sources -- Chapter 5: Financing Renewable Energy Development -- Chapter 6: Market Design for Trading Commoditized Renewable Energy -- Chapter 7: Impact of Renewable Energy Development on Carbon Dioxide Emissions Reduction -- Chapter 8: Summary and Conclusion -- References -- Appendix A -- Appendix B

Sommario/riassunto

This book analyzes the effects of power generated by renewable energy sources, renewable energy production technologies, energy efficiency, and market regulation of carbon emissions. It elaborates on how these parameters have direct and indirect effects on carbon emission reduction, such as the results of an environmental tax that could directly reduce carbon emissions by decreasing fossil fuel consumption or by stimulating energy savings through technological innovation, as well as how renewable energy sources can affect both economic growth and the environment. In addition to a detailed analysis of the interrelationships between renewable energy consumption, production technology, and market regulation, *The Development of Renewable Energy Sources and its Significance for the Environment* proposes a model for measuring the effectiveness and results of the interaction between these links. Furthermore, a structure for a marketplace of renewable energy sources is put forward, as well as an outline of the requirements that must be met in order for this market to function. Suitable policy recommendations to enhance the market for renewable energies are also provided.

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