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Titolo	Environmental and energy law [[electronic resource] /] / edited by Karen E. Makuch, Ricardo Pereira
Pubbl/distr/stampa	Chichester, West Sussex, U.K. ; ; Ames, Iowa, : Wiley Blackwell, 2012
ISBN	1-78539-353-7 1-283-54240-4 9786613854858 1-118-25734-0
Descrizione fisica	1 online resource (677 p.)
Altri autori (Persone)	MakuchKaren E PereiraRicardo, Dr.
Disciplina	344.04/6
Soggetti	Energy industries - Environmental aspects Energy industries - Law and legislation Power resources - Law and legislation Environmental policy Electronic books.
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	pt. 1. Introduction -- pt. 2. Innovation, sustainability and the law -- pt. 3. Sustainable energy and climate change law -- pt. 4. Exploration and exploitation of energy resources -- pt. 5. Clean technologies and the clean development mechanism -- pt. 6. Waste, water, air quality management and pollution control -- pt. 7. The regulation of chemicals and laboratory safety -- pt. 8. Governance, impact assessment, compliance and enforcement in environmental law -- pt. 9. Case studies on environmental law implementation.
Sommario/riassunto	Despite bringing prosperity, industrialisation generally leads to increasing levels of pollution which has a detrimental impact on the environment. In response, legislation which seeks to control or prevent such impact has become common. Similarly, climate change and energy security have become major drivers for the regulatory regimes that have emerged in the energy field. Given the global or regional

scope of many environmental problems, international cooperation is often necessary to ensure such legislation is effective. The EU and the UK have contributed to the development of the environment.

2. Record Nr.	UNINA9911004759503321
Autore	Busby Rebecca L
Titolo	Wind power : the industry grows up / / Rebecca L. Busby
Pubbl/distr/stampa	Tulsa, Okla., : PennWell Corporation, c2012
ISBN	1-62870-303-2
Descrizione fisica	1 online resource (567 p.)
Disciplina	621.31/2136
Soggetti	Wind energy conversion systems Wind power
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 (p. 485-517) and index.
Nota di contenuto	""Front Cover""; ""Wind Power: The Industry Grows Up""; ""Table of Contents""; ""Illustrations List""; ""Preface""; ""Acknowledgments""; ""Chapter 1- Overview: How Wind Power Works""; ""Chapter 2- Components: What's a Wind Turbine Made Of?""; ""Chapter 3- Wind Power System Design: Combining Strength and Flexibility""; ""Chapter 4- Small Wind Power: Traditional Systems and Alternative Designs""; ""Chapter 5- Assessment: Mapping and Measuring the World's Wind""; ""Chapter 6- Wind Farms: Developing and Operating Wind Power Plants""; ""Chapter 7- Wind Power Integration: Striking a New Balance""; ""Chapter 8- Transmission and Energy Storage: Facilitating Wind Power Integration""; ""Chapter 9- Offshore Wind: Entering the Mainstream""; ""Chapter 10- Advanced Technologies: R&D, Testing, and New Twists on Old Ideas""; ""Chapter 11- The Global Wind Industry: Markets, Business, and Government Policy""; ""Chapter 12- Environmental and Economic Issues: Wind Power Grows Up""; ""Appendix A: Wind Turbine Design Equations""; ""Appendix B: Small/Alternative Wind Power Systems""; ""Appendix C: U.S. Offshore Wind Resource""; ""Appendix D: Approximating Wind Speed Distribution""; ""Appendix E: Selected Wind Farm Case Studies""; ""Appendix F: Wind Power in the Future""; ""Appendix G: Wind Power in the World""; ""Appendix H: Wind Power in the United States""; ""Appendix I: Wind Power in the United Kingdom""; ""Appendix J: Wind Power in Germany""; ""Appendix K: Wind Power in China""; ""Appendix L: Wind Power in India""; ""Appendix M: Wind Power in Brazil""; ""Appendix N: Wind Power in Australia""; ""Appendix O: Wind Power in South Africa""; ""Appendix P: Wind Power in Mexico""; ""Appendix Q: Wind Power in Canada""; ""Appendix R: Wind Power in Japan""; ""Appendix S: Wind Power in South Korea""; ""Appendix T: Wind Power in Turkey""; ""Appendix U: Wind Power in Russia""; ""Appendix V: Wind Power in Saudi Arabia""; ""Appendix W: Wind Power in Chile""; ""Appendix X: Wind Power in Argentina""; ""Appendix Y: Wind Power in Uruguay""; ""Appendix Z: Wind Power in Paraguay""

Sommario/riassunto

In her timely new book, best-selling author Rebecca Busby provides a balanced, comprehensive view of the wind power industry. This book enables readers to:

- * Expand their knowledge of the environmental and economic issues associated with wind power development
- * Understand the steps involved in developing a wind farm and the best ways to operate it successfully and profitably
- * Find out how wind energy is integrated into power grids and transmission networks, including the growing use of technologies for energy storage
- * Get an overall picture of the global wind business and the deployment of offshore wind power
- * Learn the basics of how wind power is generated and used, how wind turbines work, and how wind power systems are designed
- * Find out how wind energy is measured and evaluated at prospective sites, including maps of wind resources worldwide
- * Review the status of global wind energy research, technology development, and product testing, as well as advanced wind power generation concepts