

1. Record Nr.	UNINA9910254888803321
Titolo	Investing in Low-Carbon Energy Systems : Implications for Regional Economic Cooperation // edited by Venkatachalam Anbumozhi, Kaliappa Kalirajan, Fukunari Kimura, Xianbin Yao
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2016
ISBN	981-10-0761-6
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIII, 496 p. 109 illus., 98 illus. in color.)
Disciplina	333.7
Soggetti	Environmental economics Globalization Markets Economic growth Renewable energy resources Climate change Development economics Environmental Economics Emerging Markets/Globalization Economic Growth Renewable and Green Energy Climate Change Management and Policy Development Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Chapter 1 Introduction - Serendipity of Low Carbon Energy System and the Scope of Regional Cooperation -- Chapter 2 Low carbon energy systems in China - Visioning Regional cooperation through one belt one Road -- Chapter 3 A multi-level Experience of designing low-carbon energy systems in India -- Chapter 4 Toward a low carbon economy for Indonesia - Aspirations, actions and scenarios -- Chapter 5 Developments, policy initiatives and lessons from Malaysia -- Chapter 6 On the Dynamics of Low carbon Green Growth in Thailand --

Chapter 7 Functional characteristics of Low carbon energy systems and Need for Regional cooperation in Viet Nam -- Chapter 8 Low-Carbon Energy systems and Indicator Framework for ASEAN -- Chapter 9 Australia's contribution to low carbon green growth initiatives -- Chapter 10 Innovations with Japan's Bilateral Offset Mechanisms,- Chapter 11 Regional cooperation and Asia's low carbon economy transition - The case of New Zealand -- Chapter 12 Low carbon energy transition in EU - Lessons from economic, institutional and management approaches -- Chapter 13 The Influence of Regional Cooperation on Export Potential of RCEP countries -- Chapter 14 Barriers and options for Carbon market integration -- Chapter 15 Domestic and International Green Finance in a Regional Perspective -- Chapter 16 Conclusion - The Hard Choices that Asia must Make -- Appendix INDC for Asean and 6 countries.

---

Sommario/riassunto

This book investigates low-carbon energy system development that integrate economic growth, environmental sustainability and social development. It explores recent developments in the energy markets in emerging economies that highlight the need for strengthening regional cooperation across Asia to sustain energy security and reduce carbon emissions, in particular. The book discusses how to pursue effective regional cooperation, focusing on both market-based and extra-market mechanisms to complement and augment country level actions. It pays particular attention to the evolving patterns of Asia's economic cooperation and integration in recent decades, and highlights important lessons and insights that need to be incorporated in the organizing framework. The book uses scenario settings, meta-policy analysis and varying coefficients stochastic frontier gravity model in assessing progress in various aspects of regional cooperation. It provides a policy analysis program to guide the continued monitoring and assessment of regional cooperation initiatives in achieving low-carbon green growth in the region.

---