

# Investing in Low-Carbon Energy Systems: Implications for Regional Economic Cooperation

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## Abstract

Investing in Low-Carbon Energy Systems: Implications for Regional Economic Cooperation, by Venkatachalam Anbumozhi, Kaliappa Kalirajan, Fukunari Kimura and Xianbin Yao (Ed.), Singapore: Springer Nature, 2016, 496 pp.

### How to Cite

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Scroll down to see the links and check these – maybe you will be lucky! Investing on Low-Carbon Energy Systems: Implications for Regional Economic Cooperation! English | ISBN: 9811007608 | 2016 | 496 pages | PDF | 14 MB. The book begins with an overview of the state of the art policies in emerging economies, which provides a starting point for understanding the concept of low-carbon green growth. A unified framework for structuring, categorizing, and integrating various regional-level actions is established on the basis of a thorough investigation into the theoretical and methodological aspects of non-conventional energy policies that have been widely adopted. The OECD report Investing in Climate, Investing in Growth provides an assessment of how they can generate inclusive economic growth in the short term, while making progress towards climate goals to secure sustainable long-term growth. Synthesis - Executive Summary - Technical note. Synthesis. The OECD undertook a major project on the economic growth and investment implications of the transition to a low-carbon, climate resilient economy in the context of the German G20 Presidency. Bringing together the growth, development and climate agendas. Delivering on the Paris objectives will require fundamental shifts in our economies, including major changes in how capital is allocated. xiv World Investment Report 2010: Investing in a Low-Carbon Economy. Global initiatives, such as investment in agriculture, global financial systems reform, and climate change mitigation are increasingly having a direct impact on investment poli-cies. Investing in a Low-Carbon Economy. TNCs are both major carbon emitters and low-carbon investors. They are therefore part of both the problem and the solution to climate change. Low-carbon economies present multiple benefits to ecosystem resilience, trade, employment, health, energy security, and industrial competitiveness.[8]. Benefits to ecosystem resilience[edit]. Renewable energy offers lower financial and economic risk for businesses through a more stable and predictable cost base for energy supply.[18]. Energy efficiency gains in recent decades have been significant, but there is still much more that can be achieved. Sustainable, low-carbon transport systems are based on minimizing travel and shifting to more environmentally (as well as socially and economically) sustainable mobility, improving transport technologies, fuels and institutions.[45] Decarbonisation of (urban) mobility by means of Low Carbon Energy Systems in China: Visioning Regional Cooperation Through the Belt and Road. Chapter. Sep 2016. Investing on Low-Carbon Energy Systems. pp.31-54. Zhu Yuezhong. For regional cooperation it recommends ASEAN to focus on regional cooperation for pursuing low-carbon green growth such as (1) free trade in low-carbon technology and services (2) managing the regional finance reserve, (3) integration of voluntary carbon markets, (4) coalition for regional innovation systems and (5) partnership for collective learning and capacity building. This shift must incorporate energy security, economic growth and carbon emission reductions in the strategic policy making and implementation.