

Chapter

Investing on Low-Carbon Energy Systems

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Greening the Economy with Low Carbon Energy System: Developments, Policy Initiatives and Lessons from Malaysia

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Abstract

This chapter aims to analyse the energy and carbon emissions of Malaysia and further discusses the government's intervention efforts as well as regional cooperation to further advance Malaysia's path to low carbon green growth. The chapter discusses Malaysia's attempt to move towards green energy growth, using market and non-market approaches and explains why Malaysia failed to achieve its initial targets from 2001 to 2010 and how Malaysia revamped its policy to reduce its carbon footprints. Lessons learnt from this in Malaysia indicate that institutional setting and regulatory framework are important aspects in facilitating market participation. Success largely depends on the effectiveness of public-private partnership. Hence, public-private partnership is the model to adopt to significantly move into low carbon energy system. Indeed, challenges remain in areas of financing, human capital and technology learning as well as capability while regional cooperation is imperative. Lessons learnt from this are useful in many ways for other developing countries aiming to engage further in a low carbon economy. The chapter further concludes by paving the way forward, especially in identifying opportunities for regional cooperation.

Keywords


Low carbon energy resources – Comparative analysis – Regional cooperation

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