Energy Innovation for the Twenty-First Century

Accelerating the Energy Revolution

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This book addresses the question: how effective are countries in promoting the innovation needed to facilitate an energy transition? At the heart of the book is a set of empirical case studies covering supply and demand side technologies at different levels of maturity in a variety of countries. The case studies are set within an analytical framework encompassing the functions of technological innovation systems and innovation metrics. The book concludes with lessons and recommendations for effective policy intervention.

‘Energy Innovation for the Twenty-First Century combines evidence from deep-dive case studies with rigorous analysis of institutions, policies and finance to show how many different factors must align to accelerate energy innovation. Many of the concluding insights are must-reads for policymakers, not least that coordination, long-term strategies, and institutional stability are necessary bedfellows if we are serious about tackling climate change.’

– Charlie Wilson, Tyndall Centre for Climate Change Research, UK