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Chapter 3. Origins and Persistence of Energy Inefficiency Table 3.1 Contract Enforcement: Brazil, China, and India Compared to Canada and the United States; Chapter 4. Models for Delivering Energy Efficiency Investments; Box 4.1 Generalized Model for Developing New Energy Efficiency Investment Delivery Mechanisms in Developing Countries; Chapter 5. Identifying and Developing Energy Efficiency Investment Projects; Chapter 6. Delivery of Financing; Chapter 7. Making Investment Delivery Mechanisms Work; Box 7.1 One Example of a Failed Project; Figure 7.1 Shared Savings EPC Model Figure 7.2 Guaranteed Savings EPC Model Chapter 8. Conclusions and Recommendations; PART II. ENERGY EFFICIENCY FINANCE CASE STUDIES; Introduction to Part II; 1. China ESCO Loan Guarantee Program; Figure CS1.1 Structural Overview of the EMC Loan Guarantee Program; 2. Hungary Energy Efficiency Guarantee Fund; Figure CS2.1 Hungary Energy Efficiency Co-financing Program Institutional Arrangements; Table CS2.1 Evolution of HEECP Parameters, 1997-2006; Figure CS2.2 HEECP Results, 1997-2006; 3. Romania Energy Efficiency Fund; Table CS3.1 Romania Financial Market Conditions Table CS3.2 Free Project Results Figure CS3.1 FREE Institutional Arrangements and Funds Flow; Table CS3.3 Summary of Advantages and Disadvantages of FREE; 4. IREDA Energy Efficiency Loan Fund; Figure CS4.1 IREDA Institutional Arrangements; Table CS4.1 Pros and Cons of Supporting Energy Efficiency Investments through a Parastatal Entity; 5. Energy Efficiency Cluster Lending for SMEs by Indian Banks; Figure CS5.1 Cluster Lending Approach Adopted in India; 6. Lithuania Energy Efficiency and Housing Pilot Project; Figure CS6.1 Lithuania Energy Efficiency Project Institutional Arrangements Table CS6.1 Lithuania Energy Efficiency Project Results

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Sommario/riassunto

While energy efficiency projects could partly meet new energy demand more cheaply than new supplies, weak economic institutions in developing and transitional economies impede developing and financing energy efficiency retrofits. This book analyzes these difficulties, suggests a 3-part model for projectizing and financing energy efficiency retrofits, and presents thirteen case studies to illustrate the issues and principles involved.

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