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Nota di contenuto	Introduction: Towards a sustainable energy mix in India / Mritiunjoy Mohanty and Runa Sarkar -- India's coal and coal-fired electricity needs by 2030 : clearing vision beyond black coal and hazy skies / Aditya Lolla, Nandikesh Sivalingam, Priyanshu Gupta and Sunil Dahiya -- India's energy trilemma and coal-based power generation / Sambit Basu and Saumya Prakash Nayak -- Energy transition and centre-state priorities : alignments and misalignments of policies and decisions / Tirthankar Mandal -- Macroeconomic impacts of coal transition / Saon Ray, Piyali Majumder and Vasundhara Thakur -- The social costs of India's energy transition : socioeconomic dependencies and lessons from international experiences / Vigya Sharma and Julia Loginova -- Deep electrification in India : a review of strategies, policies and sectoral developments / Sarthak Shukla, Shubham Thakare and Raghav

Pachouri -- Governance principles for a just energy transition / Simran Grover, Naini Swami and V. Suresh -- Policy framework for energy transition in India / Sarthak Shukla and Raghav Pachouri -- Industrial policy 2.0 : policy space and decarbonisation / Mritiunjoy Mohanty, Saon Ray and Naini Swami -- International experiences on just energy transition planning and lessons for India / Madhura Joshi and Swati D'Souza -- Grounded perspectives on energy transition : the view of Panchayat members on energy transition and impact of climate change / Jahnvi G. Pai, Munna Jha and Vinuta Gopal -- Retrofit decarbonisation and reutilization of thermal power plants / Sucharita Bhattacharjee and Trinayani Sen -- Future-proofing India's coal PSUs : an analysis of CIL and NTPC / Saarthak Khurana, Arnab Sarkar and Balasubramanian Viswanathan -- An evaluation of energy and environmental efficiency of the Indian thermal power plants : a state level analysis / Sabuj Kumar Mandal -- Energy storage and its potential role in electricity transition / Shubham Thakare and Rishikesh Srihari -- International experiences : the case of Iberdrola, Enel and Nextera Energy / Shubh Majumdar and Abhinav Jindal -- Financing India's 2030 NDC targets and beyond / Vaibhav Pratap Singh and Neha Kumar -- Transition finance / Dhruba Purkayastha, Neha Khanna and Aanandita Sikka -- Role of domestic institutional capital in funding India's energy transition / Shantanu Srivastava -- Operationalising just transition in India : financing challenge and options / Neha Kumar and Suranjali Tandon -- International climate financing and just energy transition : exploring the synergies / Pradip Swarnakar and Rajshri Shukla.

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#### Sommario/riassunto

"As India switches away from coal to a more sustainable energy use pattern, which pathway will it adopt? What is the nature of challenges that it will face and who will be affected? Who will gain? This volume offers insights into the steps and challenges involved in this transition and addresses some urgent questions about the possible pathways for India's renewable energy generation. Including contributions from researchers, policy makers and practitioners, it draws on different disciplines, ranging from science and technology to economics and sociology, and situates the issue of low carbon transition within an interdisciplinary framework. India has committed to a gradual decarbonisation of its economy. This book takes this as its starting point and uses a wide angle lens, incorporating a macro as well as micro views, to understand the possible next steps as well as trade-offs that will inevitably be posed. It incorporates perspectives of all stakeholders ranging from central and state governments, public and private sector firms on the one hand to individuals and local communities on the other to explore their role in the transition, their interests and how these will change and evolve. This timely volume will be of interest to students and researchers of environmental studies, development studies, environmental economics, political studies and Asian studies. It will also be useful to academics, practitioners and policymakers working on issues related to climate change, sustainable development, energy policy and economics, and public policy"--  
Provided by publisher.

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