

1. Record Nr.	UNINA9910349474703321
Titolo	Low Carbon Pathways for Growth in India // edited by Rajat Kathuria, Saon Ray, Kuntala Bandyopadhyay
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	9789811309052 981-13-0905-1
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XVIII, 188 p. 28 illus. in color.)
Collana	India Studies in Business and Economics, , 2198-0012
Disciplina	333.79 338.926
Soggetti	Energy policy Energy and state Climate change Fossil fuels Energy efficiency Energy Policy, Economics and Management Climate Change Fossil Fuels (incl. Carbon Capture) Energy Efficiency
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	India's Energy Demand and Supply -- Low Carbon Pathways for Growth in India: Assessment of Climate Models -- Low Carbon Pathways -- Cost of Inaction on Mitigating Climate change -- Sectoral Perspectives -- Low Carbon Pathways for Urban Development and Mobility in India -- Strategies to Lower Carbon Emissions in Industry -- Energy Efficiency Approach to Urban Water Supply -- Water, Ecosystem Services, and Food Security -- De-carbonization of the Indian Railways -- Advent of Solar in India -- Conclusion.
Sommario/riassunto	This book explores ways in which India can negotiate the low carbon path up until 2030, when it is expected to be the largest economy after the US and China. It comprehensively reviews the low climate pathways for India and provides a guide to the pathways that the country can

adopt. India's population, energy demands and emissions will increase significantly, and the challenge is to restrict its CO₂ emissions and walk the low carbon path. Through its Intended Nationally Determined Contributions (INDCs), India has pledged to reduce its emissions significantly. Addressing the question of which low carbon paths India can adhere to without compromising its growth, the book identifies the key factors that feed into existing models of climate change and discusses the cost of action versus inaction. It also examines key issues concerning India's environment through the lens of the transport, industry and water sectors. The book concludes by looking at policy implications for low carbon growth in India.
