

1. Record Nr.	UNINA9910370040503321
Autore	Bush Martin J.
Titolo	Climate Change and Renewable Energy : How to End the Climate Crisis / / by Martin J. Bush
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2020
ISBN	9783030154240 3030154246
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXXII, 525 p.)
Disciplina	333.707 363.73874
Soggetti	Ecology Climatology Physical geography Environmental Sciences Climate Sciences Physical Geography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: A planet in peril -- Chapter 2: The overheated Earth -- Chapter 3: The carbon cycle -- Chapter 4: Carbon chaos -- Chapter 5: Coming clean -- Chapter 6: Getting technical -- Chapter 7: Pricing down carbon -- Chapter 8: Denial and deception -- Chapter 9: How to end the climate crisis -- Glossary.
Sommario/riassunto	This book presents a comprehensive overview of the global climate change impacts caused by the continued use of fossil fuels, which results in enormous damage to the global environment, biodiversity, and human health. It argues that the key to a transition to a low carbon future is the rapid and large-scale deployment of renewable energy technologies in power generation, transport and industry, coupled with super energy-efficient building design and construction. However, the author also reveals how major oil companies and petrochemical conglomerates have systematically attempted to manufacture doubt and uncertainty about global warming and climate change, continue to

block the commercialization of solar energy and wind power, and impede the electrification of the transport sector. Martin Bush's solution is a theory-of-change approach to substantially reduce greenhouse-gas emissions by 2050, which sets out realistic steps that people can take now to help make a difference. Martin J. Bush has over thirty years of senior project management experience in Africa, Asia and the Caribbean in the fields of renewable energy, natural resources management, disaster preparedness, and climate change adaptation and mitigation.
