

1. Record Nr.	UNINA9910635391803321
Autore	Sareen Siddharth
Titolo	Digitisation and Low-Carbon Energy Transitions / / edited by Siddharth Sareen, Katja Müller
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2023
ISBN	9783031167089 3031167082
Edizione	[1st ed. 2023.]
Descrizione fisica	1 electronic resource (176 p.)
Classificazione	BUS070040POL044000SOC015000SOC026000
Altri autori (Persone)	MullerKatja
Disciplina	333.79
Soggetti	Environmental sciences - Social aspects Human geography Science - Social aspects Energy policy Environmental Social Sciences Human Geography Science and Technology Studies Energy Policy, Economics and Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Digitisation and low-carbon energy transitions -- 2 Just low-carbon mobility transitions : A research-based art exhibition -- 3 A solar off-grid software : The making of infrastructures, markets and consumers 'beyond energy' -- 4 Contested energy futures in Hokkaido : Speculating with European renewable energy models -- 5 Overcoming abstraction: Affectual states in the efforts to decarbonize energy among young climate activists -- 6 A new reflexive turn: Glitches, carbon footprints, and streaming videos -- 7 The hidden energies of work digitization: A view from France through the use of coworking spaces -- 8 Littering the city or freedom of mobility? The case of electric scooters -- 9 Mediatised practices : Renovating homes with media and ICTs in Australia.
Sommario/riassunto	The world is digitising as the need for low-carbon transitions gains urgency. Decarbonising energy requires the digital process control of

energy production, transmission and end use. Diversified electrification across sectors requires real-time digital coordination of distributed energy production. At the same time, digitisation is accompanied by significant increases in energy demand, partly compensated through energy efficiency gains. The emergent linkages between digitisation and decarbonisation – that constitute and enable the twin transition – are the subject of this book. The collection features authors from across the social sciences who situate digitisation and low-carbon energy transitions in the socio-technical and political economic contexts in which they unfold, to offer insights on the dynamics and contingencies of digitisation in and beyond the energy sector. This is an open access book.

---