1. Record Nr. UNINA9910476825203321 Decentralised Energy: a global game changer / / Edited by Christoph Titolo Burger [and three others] Pubbl/distr/stampa London:,: Ubiquity Press,, 2020 ©2020 Descrizione fisica 1 online resource (xxii, 289 pages) 333.794 Disciplina Soggetti Renewable energy sources Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Sommario/riassunto As the contribution of renewable energy increases to meet climate change objectives, so does the extent to which electricity is generated by individuals and communities, moving a centralised system to a more decentralised one, with associated system management and integration challenges. However, new digital and storage technologies are enabling local system management, and reducing the need for, and cost of, centralised planning. Creating the right regulatory environment is crucial, but it is especially challenging given the pace of technology change. This book describes the deploying renewable energy in selected countries and describes how each stage is affected by the regulatory and industrial environments, as gives examples of how new business models that enable greater penetration of renewables and

deployed.

more localised grid management and consumer engagement are being