Record Nr. UNINA9910300593203321 Energy Transitions: A Socio-technical Inquiry / / edited by Olivier Titolo Labussière, Alain Nadaï Cham:,: Springer International Publishing:,: Imprint: Palgrave Pubbl/distr/stampa Macmillan, , 2018 **ISBN** 3-319-77025-X Edizione [1st ed. 2018.] Descrizione fisica 1 online resource (xix, 348 pages): illustrations Collana Energy, Climate and the Environment Disciplina 300 Soggetti **Environment** Renewable energy resources Environmental policy Energy policy Energy and state Environmental sociology **Environment Studies** Renewable and Green Energy **Environmental Politics Environmental Policy** Energy Policy, Economics and Management **Environmental Sociology** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Introduction: From 'The Energy Transition' to 'Energy transitions inthe-making' -- Chapter 1: Re-materializing energy transition processes -- Chapter 2: Economizing the Energy Transition -- Chapter 3: The Politics of Policy Instruments -- Chapter 4: The Technological Demonstration at the core of the Energy Transition -- Chapter 5: (Dis) placing or the spatialities the energy transition processes -- Chapter 6: (De)populating or the temporalities of energy transition processes --Conclusion.

This book elucidates what it means to transition to alternative sources of energy and discusses the potential for this energy transition to be a

Sommario/riassunto

more democratic process. The book dynamically describes a recent sociotechnical study of a number of energy transitions occurring in several countries - France, Germany and Tunisia, and involving different energy technologies - including solar, on/off-shore wind, smart grids, biomass, low-energy buildings, and carbon capture and storage. Drawing on a pragmatist tradition of social inquiry, the authors examine the consequences of energy transition processes for the actors and entities that are affected by them, as well as the spaces for political participation they offer. This critical inquiry is organised according to foundational categories that have defined the energy transition - 'renewable' energy resources, markets, economic instruments, technological demonstration, spatiality ('scale') and temporality ('horizon(s)'). Using a set of select case studies, this book systematically investigates the role these categories play in the current developments in energy transitions.