Record Nr. UNINA9910253975403321 Autore Unnerstall Thomas **Titolo** The German energy transition: design, implementation, cost and lessons / / by Thomas Unnerstall Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, 2017 **ISBN** 3-662-54329-X Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XV, 156 p.) 333.79 Disciplina 338.926 Soggetti **Energy policy** Germany—Politics and government Renewable energy resources Fossil fuels Energy Policy, Economics and Management German Politics Renewable and Green Energy Fossil Fuels (incl. Carbon Capture) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Introduction -- Part I: The German Energy Transition - What is Driving Nota di contenuto It? -- Part II: The German Energy Transition - Where Does Germany Stand Today? -- Part III: The German Energy Transition - What Does It Really Cost? -- Part IV: The German Energy Transition - Lessons to be Learned. Sommario/riassunto The book presents a comprehensive and systematic account of the concept, the current status and the costs of the German energy transition: the Energiewende. Written by an insider who has been working in the German energy industry for over 20 years, it follows a strictly non-political, neutral approach and clearly outlines the most relevant facts and figures. In particular, it describes the main impacts of the Energiewende on the German power system and Germany's national economy. Furthermore, it addresses questions that are of

global interest with respect to energy transitions, such as the cost to

the national economy, the financial burden on private households and companies and the actual effects on CO2 emissions. The book also discusses what could have been done better in terms of planning and implementing the Energiewende, and identifies important lessons for other countries that are considering a similar energy transition.an>.