

1. Record Nr.	UNINA9910427046403321
Autore	Shimamoto Minoru
Titolo	National project management : the Sunshine Project and the rise of the Japanese solar industry // Minoru Shimamoto
Pubbl/distr/stampa	Singapore : , : Springer, , [2020] Â©2020
ISBN	981-15-3180-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXIX, 331 p. 52 illus., 4 illus. in color.)
Collana	Advances in Japanese business and economics ; ; Volume 25
Disciplina	333.790952
Soggetti	Energy policy - Japan Solar energy industries - Japan
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Defining the Problem: Solutions Based on Innovative Answers to Social Problems -- 2 What is the Sunshine Project: Overview of the Project -- 3 Case Study 1: Managing Technology Development -- 4 From the Rational Model to the Natural System Model: Changing Perspectives I -- 5 Case Study 2: The Legitimacy of System Survival -- 6 From the Natural System Model to the Society Development Model: Changing Perspectives II -- 7 Case Study 3: The Politics of Creating New Significance -- 8 Organizational Analysis from Multiple Perspectives: Conclusions -- 9 Developments after the Project -- Bibliography -- Index.
Sommario/riassunto	This book clarifies the challenges and outcomes of the Sunshine Project, a national project in Japan for developing new energy that was launched about 40 years ago at the time of the first oil crisis in the early 1970s and ended, as planned, in the early 2000s. The Sunshine Project was the government's national project for developing new energy technologies such as solar energy and other natural energy sources—what we call renewable energy today. The book considers why policies were successful in some areas but did not have the intended effect in other areas. It explains how technology innovation was employed to achieve energy policy goals and to tackle environmental issues. If we can present suggestions for how to structure national projects, it may also be possible to identify ways for industry,

government, and academia to come together to find solutions not only to environmental energy problems, but also to other social problems. Herein lies the goal of this book. Although the development of new energy is the main subject of the book, the author also scrutinizes the governmental decision-making process involved in planning policy, the creative process, and the design of systems of collaboration between industry, government, and academia as well as cases where corporations have developed commercial versions of new energy products. The main part of the book consists of three case studies interspersed with two reflective chapters. The first case study describes the Sunshine Project from the perspective of project management based on the perspective of government. The second case study is a detailed examination of the routines in all organizations, whether industry, government, or academia, and of the autonomy of the project organization. The third case study increases the degree of detail to focus on the smallest unit of analysis, the intentions and motivations of key individuals participating in the project. .
