

1. Record Nr.	UNINA9910299593803321
Titolo	Renewable Energy in Developing Countries : Local Development and Techno-Economic Aspects // edited by Hoy-Yen Chan, Kamaruzzaman Sopian
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-89809-4
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (VIII, 189 p. 106 illus., 92 illus. in color.)
Collana	Green Energy and Technology, , 1865-3529
Disciplina	621.042
Soggetti	Renewable energy resources Energy security Energy systems Development economics Economic policy Economic development—Environmental aspects Renewable and Green Energy Energy Security Energy Systems Development Economics Development Policy Development and Sustainability
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Status on Renewable Energy Policy and Development in ASEAN -- The Energy Production and Consumption Patterns in Malaysia: How Sustainable Are We?- Renewable Energy in the way to Achieve SDGs and National Mitigation Commitments under Vietnam's NDC -- Green Technologies in Education Curriculum -- Roadmapping Strategy for Malaysian Solar PV Industries -- Feasibility Study of Solar Powered Hydroponic Fodder Machine for Rural Areas of Bangladesh -- Enhancement of Biogas Production from Anaerobic Digestion of Disintegrated Sludge: A Techno-Economic Assessment for Sludge

Management of Wastewater Treatment Plants in Vietnam -- Design, Installation and Operation Monitoring of Large-Scale Solar Assisted Water Heating -- The Progress and Status of Photovoltaic Generation in Indonesia: Overview Application of Roof Top PV in Urban Area and Solar Home System in Rural Area -- An Approach to Optimize Cultivable Land Use for Solar PV Installation -- Economic and Environmental Benefits of Solar PV Plant: A Case Study from Tenaga Suria Brunei (TSB) in Brunei Darussalam. .

Sommario/riassunto

This book discusses aspects of policy and techno-economic analysis of renewable energy in developing countries. Renewable energy technologies have been one of the most important strategies in addressing sustainable energy development and climate change. The roles of renewable energy in developing countries are vital, which include the accessibility of modern energy services in rural areas, climate change mitigation, energy security, green job creation and eventually improvement of quality of life. Part I of this book focuses on policy and strategy, while Part II focuses on technology development and feasibility. Chapters are contributed by leading experts from the ASEAN Center of Energy, government agencies, industries, and universities from five developing countries, including Malaysia, Indonesia, Vietnam, Brunei Darussalam and Bangladesh.
