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Altri autori (Persone)	HaasReinhard
Disciplina	333.7
Soggetti	Environmental economics Economic development Energy policy Energy and state Urban ecology (Biology) Regional economics Spatial economics Environmental Economics Economic Development, Innovation and Growth Energy Policy, Economics and Management Development Studies Urban Ecology Regional and Spatial Economics
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di contenuto	Sustainable Energy Access for Sustainable Communities – Introduction by a Social Scientist -- Local Dimensions of Sustainable Energy Governance: Case Study -- Can Municipalities Lead the Energy Transition? On Available Policy, Competences and Requirements for Action -- Local Action for Energy Sustainability: A Review of Policies' Impact -- Techno-Economic Assessment of Renewable Energy Potential in Cities: Case Studies of Solar Photovoltaic, Waste-To-Energy and Wind Energy -- Management of Intermittent Solar and Wind Energy Resources: Storage and Grid Stabilization -- Modelling Sustainable

Energy Transition for Cities: Case Studies of LEAP, ENPEP-BALANCE, and Moces -- Hidden Costs of Decarbonizing Utility Generation: Investment on Grid Stability & Contribution of Renewable Energies -- Democratization of Energy Planning: On a New Planning Tool Tailored to the Needs of Developing Countries -- Innovation for the Better: How Renewable Energy Technologies Improve Living Standard -- Energy Potential of Crop Residues in Senegal: Technology Solutions for Valorization -- Energy in Development Objectives: How the Energy Ecological Footprint Affect Development Indicators? -- Electricity Consumption in Working-Class Districts: Case Studies of Grand Yoff and Grand Dakar -- Cookinations: Mechanisms to Decouple Wood Production and Food Preparation in Sub-Urban Areas -- Citizen Awareness of the Social Dimension of Energy: Lessons From a Survey in Dakar.

Sommario/riassunto

This open access book examines the transition to sustainable energy systems in emerging cities. Experts from around the world present case studies from different countries and discuss efforts were needed for achieving the United Nations Sustainable Development Goals (SDGs). The authors look into the issue of environment vs. economics and discuss the question of whether the energy transition goal can conflict with other development goals such as decent work and economic growth. Furthermore, innovation in energy transition is introduced, both in technology and citizens' engagement. The book presents the latest developments on energy access and transition to sustainability throughout the overall value chain: from basic research in universities to documentation of lessons learned in the field. The empirical evidence presented makes this book appealing to scholars in the field of energy sustainability as well as to policy-makers and energy service companies.
