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| 1. Record Nr. | UNINA9910863163503321 |
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| Titolo | Energy Transitions and the Future of the African Energy Sector : Law, Policy and Governance // edited by Victoria R. Nalule |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2021 |
| ISBN | 9783030568498 3030568490 |
| Edizione | [1st ed. 2021.] |
| Descrizione fisica | 1 online resource (XXXV, 477 p. 26 illus., 24 illus. in color.) |
| Disciplina | 333.79096 300 |
| Soggetti | Environmental sciences - Social aspects Energy policy Environmental management Environmental geography Environmental policy Environmental Social Sciences Energy Policy, Economics and Management Environmental Management Integrated Geography Environmental Policy |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Chapter 1. Introduction; Victoria R. Nalule -- Chapter 2. African Energy Challenges in the Transition Era: The Role of Regional Cooperation; Macdonald Irowarism -- Chapter 3. Energy Transition in Africa: Context, Barriers and Strategies; Noreen Kidundu -- Chapter 4. Nuclear Energy & Energy Transitions: Prospects, Challenges and Safeguards in Sub-Saharan Africa; Susan Nakanwagi -- Chapter 5. Role Of Law in the Energy Transitions in Africa: Case Study of Nigeria's Electricity Laws and Off-Grid Renewable Energy Development; Michael Uche Ukponu, Yusuf Sulayman, Kester Oyibo -- Chapter 6. The Status and Future of Charcoal in The Energy Transition Era in Sub-Saharan |

Africa: Observations From Uganda; Victoria R. Nalule -- Chapter 7. Will a Transition to Renewable Energy Promote Energy Security Amid Energy Crisis in Nigeria?; Cosmos Nike Nwedu -- Chapter 8. Renewable Energy Development in Egypt and Transitioning to a Low Carbon Economy; Mostafa Elshazly -- Chapter 9. Transitioning to a Low Carbon Economy and Renewable Energy Developments in Uganda: Challenges and Opportunities for Small-Scale Renewable Energy; Marvin Tumusime -- Chapter 10. Local Content Policies in the Energy Transition Era in Africa: A Case Study of the East African Oil and Gas Industry; Rukonge Muhongo -- Chapter 11. Social Licence to Operate in the Energy Transition Era: Case Study of the East African Oil and Gas Sector; Wairimu Karanja, Nduta Njenga -- Chapter 12. Gender Justice in the Energy Transition Era: Exploring Gender and Technology in the Extractives Sector; Alaka Lugonzo, Kennedy Chege -- Chapter 13. A Critical Intertemporal Analysis of Uganda's Fiscal Regime in the Energy Transition Era: Are Uganda's Upstream Projects Still Viable?; Ayebare Tom Rukundo.

Sommario/riassunto

This book explores current developments in the African energy sector and highlights how these are likely to be affected by the ongoing global efforts to transition to a low-carbon economy. It analyses the legal, regulatory and policy frameworks at the national and regional level as they relate to Energy transition in Africa and discusses how regionalism is increasingly utilized to tackle energy access and climate change challenges. Using case studies from across the continent, several key thematic issues, including gender justice, social license to operate, local content and conflict of energy laws are covered in detail. The authors also uniquely examine the progressive nature of global energy use and introduce the new concept of 'Energy Progression.' This book will be an invaluable reference for researchers and policymakers looking for a comprehensive overview of the field. Victoria R. Nalule is a research fellow at the Extractives Hub based at CEPMLP, University of Dundee, UK. She is also the founder and Executive Director of the African Energy and Minerals Management Initiative (AEMI), an NGO based in Uganda. She was previously a research fellow and energy consultant at the Energy Charter Secretariat in Brussels, and an energy researcher at the East African Community (EAC) in Tanzania and the Southern African Development Community (SADC) in Botswana. She is the author of two books including, *Energy Access in Sub-Saharan Africa: The Role of Regionalism and Mining and the Law in Africa: Exploring the Social and Environmental Impacts*.