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Overview

From solar parks in Mali to massive hydropower dams in Zambia, it explains how these initiatives are distributed, why they matter, and what they mean for Africa's long-term development. This paper examines China's growing role in Africa's renewable energy landscape through a political economy and developmental state lens, using the Garissa Solar PV project in Kenya and the Adama Wind project in Ethiopia as comparative case studies. With Africa's abundant renewable energy resources, China has emerged as a pivotal partner in addressing Africa's critical energy infrastructure gap, with over 600 million people on the continent—primarily in sub-Saharan Africa—lacking electricity access. Frangton Chiyemura, examines the scale and significance of Chinese-backed energy projects across Africa. Chinese companies, both small. While existing research has tended to focus on fossil fuels and hydropower, it is crucial to undertake analysis of Chinese-backed wind and solar projects and of the micro-level engagements of Sino-African actors in order to further unpack the nature and complexity of Chinese involvement as it. The report indicates that between 2010 and 2024, one-fifth of China's total energy sector activity and one-fifth of its renewable energy investments and construction projects occurred in Africa, totaling \$66 billion in investments. Africa has emerged as a pivotal market for China's solar and wind.

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[China's Renewable Energy Footprint in Africa: Analysis of](#)

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[A dynamic institutional analysis of China's engagement with Africa...](#)

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12.8V 100Ah



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[Report 006 China-Africa Energy 2025 07 03](#)

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