

How does inadequate grid infrastructure affect access to electricity in South Sudan?

Inadequate grid infrastructure in South Sudan complicates access to electricity. The one in Bentiu, like the ones in Malakal and Kodok, has been destroyed by the 2013 civil war. 2.5. Implications of inadequate energy access
The implications of an inadequate access to electricity by the population are multifaceted.

How much does South Sudan spend on infrastructure?

South Sudan spends over \$450m per year to meet its infrastructure needs - equivalent to around 7.5% of GDP. Most of the traceable spending goes to capital investment while maintenance flows seem almost non-existent.

Why is energy infrastructure underdeveloped in South Sudan?

Partly due to the civil wars (e.g., 1955-1972, 1983-2005 & 2013-present), energy infrastructure remains very underdeveloped in South Sudan. Despite a peace agreement in 2015, which has been revitalized recently, conflict has impeded the country's effort in transitioning to renewable energy.

Is result based financing a solution to South Sudan's energy crisis?

Result Based Financing (RBF) to accelerate access to energy services, an instrument commonly used in other markets to bridge the affordability gap, is also lacking in South Sudan. The energy sector's policy and enabling regulatory environment is still in its formative stage, especially for the of-grid sector.

What is South Sudan's role as a power utility?

Its role as a power utility is expected to intensify as programmes to increase electricity access in South Sudan are implemented. It is proposed under the Electricity Bill 2015 as the regulatory entity for the electricity sector in South Sudan. It would function as the energy regulator whose functions would include the creation of regulations.

What is the governance of the energy sector in South Sudan?

The institutional and regulatory governance of the of-grid energy sector in South Sudan is still nascent. Table 2 below lists the major players participating in the governance of the energy industry and their positions as defined by applicable laws.

South Sudan faces a serious energy crisis due to a number of factors, including devastating conflicts (e.g. 1955-172, 1983-2005 & 2013-present) and reliance on the fossil fuel source. ...

Because of its lack of oil refining infrastructure, South Sudan relies on regional neighbors such as Kenya to maintain its national energy supply. Kenyan energy infrastructure ...

South Sudan's energy sector is critical to its economy, as oil exports account for a significant chunk of its revenue. The country's oil deposits, which are predominantly concentrated in the ...

5 ???· Finnfund has invested in Communication & Renewable Energy Infrastructure (CREI) to provide energy as a service to a telecom stakeholder in South Sudan by developing, building, ...

Updated in October 2021, this map provides a detailed overview of the hydrocarbons sector in Sudan and South Sudan. Open and licensed acreage is shown, with block operators and oil ...

With just 1% of the country's population currently connected to the national grid, South Sudan has prioritized the development of key energy projects, backed by both development banks and global companies, to ...

This research study investigates the geopolitics of South Sudan's energy resources in depth. It provides valuable insights for policymakers, scholars, and stakeholders interested in ...

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