

Low-loss solution for Sudan s energy internet



Overview

Financed by the International Development Association (IDA*) with a total of \$76.3 million, ASCENT-Sudan aims to provide electricity and enhanced internet access to 150,000 people, installing 500 renewable energy systems in public spaces, farms, telecom networks, and. WASHINGTON, June 2, 2025 — The World Bank Board of Executive Directors recently approved the Accelerating Sustainable and Clean Energy and Digital Access Transformation project for Sudan (ASCENT-Sudan) which aims to expand energy access and digital services in Gadaref, Kassala, Northern and River. This project is Phase 11 of the Regional ASCENT Multi-phase programmatic approach (ASCENT program) supporting countries across Eastern and Southern Africa to reach the Mission 300 ASCENT-Sudan is designed to tackle the urgent challenges stemming from the ongoing conflict in Sudan, which has. The study examines Sudan's electricity deficit and its impact on economic growth, social welfare, and the environment. It identifies challenges such as conflict, underinvestment, and unequal energy access, particularly in rural areas. To address these issues, the study advocates for innovative. Structural and Financial Issues Weigh Heavily on Sudan's Energy Sector: The sector is structurally weak, highly centralized, and underfunded, with aging infrastructure and inefficient, state-dominated operations. Conflict has damaged key assets and prevented rebuilding. Background The ASCENT Sudan programme will be implemented using the Results Based Financing (RBF) mechanism that will provide grants to.

Article Content

Rebuilding Sudan's Energy Sector: Pathways to Equitable Post

Repairing and rebuilding Sudan's energy sector cannot take place while conflict continues, as ending the war is a fundamental condition for any real and sustainable reconstruction

Advancing Energy and Digital Connectivity in Sudan: New Project to ...

WASHINGTON, June 2, 2025 — The World Bank Board of Executive Directors recently approved the Accelerating Sustainable and Clean Energy and Digital Access Transformation project for Sudan

World Bank approves new project to expand energy access in Sudan ...

ASCENT-Sudan aims to address challenges stemming from ongoing conflict in Sudan, resulting in significant displacement. The focus will be on expanding electricity access for households

Empowering Sudan: Transforming the Energy Landscape for

The study examines Sudan's electricity deficit and its impact on economic growth, social welfare, and the environment. It identifies challenges such as conflict, underinvestment, and unequal...

Struggles for Electrical Power Supply in Sudan and

Sudan and South Sudan electrical power sector is facing a lot of struggles and challenges, with Sudan's electrical power sector is subject to poor

Country Report for South Sudan

Internet Society gives South Sudan an overall Internet resilience score of 30%, which means it has low capacity to withstand unexpected faults or challenges to normal operation. Internet

South Sudan Electricity Generation Mix 2023 | Low-Carbon Power Data

Without addressing these deficiencies, South Sudan may struggle to meet future electricity demand, leveraging clean energy for economic resilience and sustainability. Suggestions To boost low-carbon

Advancing Energy and Digital Connectivity in Sudan: New World Bank ...

Financed by the International Development Association (IDA*) with a total of \$76.3 million, ASCENT-Sudan aims to provide electricity and enhanced internet access to 150,000 people,

Empowering Sudan: Transforming the Energy Landscape for

It aims to analyze the historical evolution of Sudan's electrical infrastructure, identify key factors contributing to the energy crisis, and assess the socio-economic consequences of inadequate

ASCENT Sudan: Accelerating Sustainable and Clean Energy and

ASCENT Sudan is launching a results-based financing (RBF) program to catalyze private-sector delivery of clean energy and digital services across the Northern, Kassala, Gadaref, and River Nile states.

Sudan: Unlocking renewable energy to expand energy

The United Nations Development Programme has released a roadmap to unlock the potential of Sudan's renewable energy and expand

Strategic options for building a new electricity grid in South Sudan ...

This article presents a case study of the struggles of South Sudan, the newest country to develop a new electricity grid, and the strategic choices it faces in a post-conflict situation. In addition

UNDP launches roadmap for Sudan's renewable

With 60% of Sudan's population lacking access to electricity, the findings highlighted in the report – like the high potential for wind energy in

Renewable energy: A way out for South Sudan's

This policy brief sheds light on the potential of renewable energy as a solution to South Sudan's ongoing electricity crisis.

Power in Sudan: Challenges and opportunities

There are numerous types of renewable energy technologies that Sudan has large potential in, including hydropower, wind power, and solar

Internet in Conflict: Sudan's Battle for Connection

Despite Starlink's utility, significant challenges persist in Sudan's ongoing crisis, underscoring the need for a broader range of connectivity

Empowering Sudan: Renewable Energy Addressing

Providing stable and affordable energy to the millions of people in rural Sudan who lack access is a development imperative. Without it, their human development is hindered, their public health is

The electricity crisis in Sudan

Over the last few years, the electricity sector in Sudan has been in a state of crisis: 60 per cent of the Sudanese population have been living without

Sudan: Internet blackout nationwide as UN appeals for \$4.1 ...

Internet connectivity was shut down in Sudan amid ongoing clashes between the Sudanese army and the paramilitary Rapid Support Forces (RSF) that have left thousands killed and

Sudan Energy Situation

Find relevant information on the regulations and Sudan's strategy in the energy sector on the homepage of the African Energy Portal. Institutional Set up in the Energy Sector Other Key Actors / Activities of

Sudan: Freedom on the Net 2024 Country Report | Freedom House

Internet freedom declined in Sudan, as the civil war between the paramilitary Rapid Support Forces (RSF) and the Sudanese Armed Forces (SAF) caused destruction of internet infrastructure, as well

Unplugged: Understanding the Effects of Sudan's

This article discusses the internet blackout in Sudan, which began on February 2, 2024. The blackout, a deliberate act by the RSF and SAF, has

Advancing Energy and Digital Connectivity in Sudan: New Project to ...

ASCENT-Sudan is designed to tackle the urgent challenges stemming from the ongoing conflict in Sudan, which has resulted in the world's largest displacement crisis. Specifically, the

World Bank Document

ABOUT ESMAP ESMAP is a partnership between the World Bank and 24 partners to help low- and middle-income countries reduce poverty and boost growth through sustainable energy solutions.

Analysis of Electricity Access in South Sudan and Proposed Solutions ...

South Sudan ranks the least electrified country in Sub-Saharan Africa. Reliable and affordable power supply is essential for socio-economic development. The existing electricity grid in South Sudan is in

An analysis of Sudan's energy sector and its renewable

The article thoroughly examines and discusses Sudan's current energy policies with a focus on the challenges and opportunities facing the

World Bank Document

The proposed SETAP will increase the availability of electricity to grid-connected users, providing off-grid solar solutions for households, productive users and public institutions will pave the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://saastisfy.fr>

Email: sales@saastisfy.fr

Phone: +33 6 52 81 47 39

Address: 75 Rue de Rivoli, 75001 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

