

Are there mini-grids in South Sudan?

Several companies have developed and operate mini-grids in South Sudan, as summarised in Annex 4. Data on type, number of end users, and retail tariffs were unavailable for all companies apart from SunGate Solar.

Is finance a barrier to developing a mini-grid supply chain in South Sudan?

The lack of access to finance was identified as a critical barrier to developing the off-grid and mini-grid supply chain in South Sudan. One of the respondents in the study reported that financial institutions charge high interest rates, up to 22%, thus making it unattractive to borrow money to expand business activities.

What is the South Sudan off-grid market?

Developing the off-grid products supply chain and product line The South Sudan off-grid market is dominated by non-specialised vendors and retailers who sell other products, including off-grid products. Most of the products are not quality-verified, nor do they receive any incentives to target end-users who cannot afford a one-time upfront payment.

Do health institutions in South Sudan have access to electricity?

About 30% of South Sudan health institutions do not have access to electricity. However, there were disparities where 15.0% of health institutions in urban areas lacked access to electricity compared to 33.2% of health institutions in rural areas reported lacking electricity access.

How can humanitarian agencies contribute to solar energy in South Sudan?

Refugee contexts in countries such as Jordan have also led to the increased transition to solar energy through donor-led initiatives. Humanitarian agencies can also play a critical role in generating demand for solar systems in South Sudan refugee settlements, where biomass is predominantly used as energy source (Lemi & La Belle, 2020).

How many South Sudanese have access to electricity?

According to the study, only 5.4% of the South Sudanese population have access to electricity, slightly higher than the access rate of 4.2% reported in 2017.

Overview of Programmatic Monitoring Arrangements in South Sudan o In South Sudan, several different approaches are taken to programmatic monitoring, which reflect the disparate priorities and needs of donors, implementing agencies, vertical programs, and thematic working groups. These are summarized in Table 1. Table 1.

One exception is South Sudan's Schools Attendance Monitoring System (SAMS), which you can see, in its eighth year of full national operation, at SAMS is used for school pupil enrolment and attendance monitoring;



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the data it generates forms the basis on which school grants, cash transfers and teacher incentives are paid out.

The pilot project is a combination of Mini-grid PV system with Portable Battery Kits (PBKs) as a means of delivering electricity to remote regions. The 4.2 Kilowatt PV system will have a Mini-grid to connect customers living within range; it will also be used as a charging station for PBKs that are used by customers not able to connect to the grid.

In 2020, the World Bank, in response to South Sudan's transitional government's request, set up the Pathways to Electricity Access Expansion in South Sudan project. As part of the initiative, the World Bank commissioned this study, the Off-grid and Mini-grids Market Assessment.

USAID/SOUTH SUDAN MONITORING AND EVALUATION SUPPORT PROJECT TASK ORDER 4 Quarterly Progress Report - Fiscal Year 2021 Quarter 2 ... beneficiaries have a voice in how the system works. Expansion of TPM for BHA was put on hold during the reporting period pending approval of the contract modification. In Q1, the Mission approved the expansion of ...

In October 2022, the Protection Cluster initiated a pilot trial of the Protection Monitoring System (PMS) in South Sudan. After a comprehensive testing phase consisting of six rounds of data collection and analysis, a modified PMS questionnaire was deployed by the PROMO in April 2023. In July, the PROMO conducted a technical and thematic mid-

South Sudan's national utility completed technical evaluations for a 20-megawatt minigrid solar farm in Nesitu County and 35 megawatt-hour battery storage system planned outside of Juba . The project is funded by a commercial bank.

Protection Monitoring System (PMS) in South Sudan through a consultative process, including partners, AoRs, and SAG. In October, the field testing of the tools and data collection commenced, and since then the cluster, with the support of the PMS partners, published three Protection Monitoring reports from ...

Overall, the successful microgrid project in Wanyjok has created developed a highly replicable and scalable model for addressing energy poverty and South Sudan. This initial model also provides a key foundation to explore how strategic electricity access coupled with focused support for enterprise and community development can build resilience ...

For two years, EarthSpark has been working hand-in-hand with SunGate Solar, the longest running solar installation company in South Sudan, to plan and launch the country's first solar-powered community-level microgrid. ...

named DEEP to Clusters including in South Sudan. In 2023, the PC in South Sudan and the GPC started bringing the global PAF initiatives, DEEP, and the PMS closer together in a unified system to be developed



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and tested in South Sudan by the end of 2024 - the Protection Risk Monitoring System! 2022 - 2024 PMS Dashboard

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