

Who is backing Guinea-Bissau's solar project?

The West African Development Bank is backing the project with a \$42.9 million loan. Guinea-Bissau relies on fossil fuels and solar has seen limited development, with the exception of rural electrification initiatives. The nation has one of the lowest electrification rates in Africa, as well as electricity prices among the highest on the continent.

How much energy does Guinea-Bissau use?

As a result, around 95% of the energy consumed in Guinea-Bissauan households comes from biomass. The African Development Bank recently stated Guinea-Bissau has only 11 MW of installed power generation capacity, almost all of it thermal generation.

Who will build Guinea-Bissau's first PV plant?

The African Biofuel and Renewable Energy Co (Abrec), which promotes renewables and energy efficiency across the continent, has awarded the contract to build Guinea-Bissau's first large scale PV plant to state-owned Chinese hydropower business Sinohydro.

Learn about the World Bank's \$35 million grant to Guinea-Bissau for a solar energy project aimed at enhancing electricity access and sustainability through solar power generation and infrastructure development.

"Guinea-Bissau receives very high levels of solar irradiation of 5.6 kWh/m<sup>2</sup>/day and a specific yield of 4.5 kWh/kWp/day indicating a very strong technical feasibility for solar in the country. "Guinea-Bissau is planning to construct a 20 MW solar PV power plant near Bissau and two 1 MW hybrid mini-grid

International finance institution the World Bank will support the development of Guinea-Bissau's first solar power plants with a \$35 million grant through its Solar Energy Scale-up and Access project.

WASHINGTON, JUNE 6, 2024 - The World Bank's Board of Executive Directors approved a \$35 million grant to enable solar power generation and increase access to electricity in Guinea-Bissau. The Guinea-Bissau Solar Energy Scale-up and Access Project will work on the development of solar energy generation and network enhancement, including the ...

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Under the Solar Energy and Access to Electricity Development Project, the World Bank will assist Guinea-Bissau until 2030 and has already approved a USD \$30 million grant. Additionally, the International Development Association (IDA), a World Bank subsidiary, will contribute \$35 million, and the Energy Sector

Management Assistance Program ...

The \$78.15 million investment in Guinea-Bissau's first solar power plants marks a transformative step towards a more sustainable and electrified future. By reducing carbon emissions and expanding electricity access, the project aims to address the country's significant energy challenges and foster economic growth.

Electricity-starved Guinea Bissau will get \$48m from the International Development Association, Green Climate Fund and Esmap to catalyse solar energy generation and improve on low levels of electricity access.

The solar asset, planned for Gardete near the city of Bissau, will sell power to national utility EAGB under a long-term contract. The West African Development Bank is backing the project with...

Guinea-Bissau: Solar Energy Scale-up and Access Project (P174576) May 27, 2021 Page 4 of 13 al u se o y home measures. Most restrictions have now been lifted. A National Contingency Plan estimated to cost around US\$13 million (0.9 percent of GDP) was then adopted and the President put in place an Office of the High Commissioner for COVID-19.

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