

What is SNV doing in Guinea Bissau?

SNV is starting a new area of focus in Guinea Bissau: Renewable Energies. The main objective of this paper is to provide SNV Guinea Bissau a portrait of the current status of Renewable Energies (RE) sector in Guinea Bissau, main actors and opportunities of intervention that can lead to a positioning of SNV in this sector.

How will solar power work in Bissau & Gabu?

In Bissau, solar photovoltaic (PV) plants will help reduce the average cost of electricity in the country and diversify the energy mix, while battery storage will help integrate this variable energy source into the grid. In Bafata, Gabu and Cacheu, the PV plants will provide cheaper and cleaner local power generation than current diesel production.

Can Guinea Bissau use solar energy?

Table 1: Solar insulation in a horizontal plan in Guinea Bissau With a yearly average of over 5.8 Kwh/m<sup>2</sup>/day (table 1), GB should be able to take advantage of all solar energy applications.

How sustainable is the electricity sector in Guinea Bissau?

The electricity sector in Guinea Bissau is in the midst of a transformational reform towards a sustainable development characterized by reliable, greener and affordable service delivery.

Are there wind turbines in Guinea Bissau?

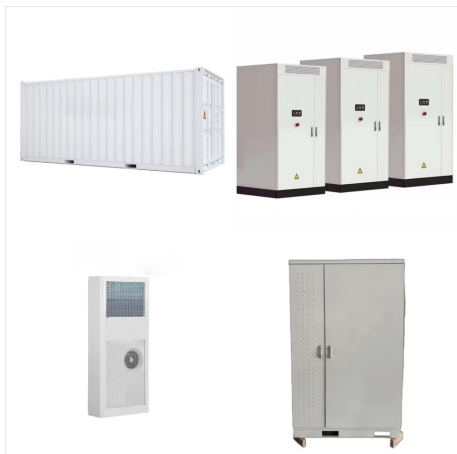
Unfortunately, none were counted in Guinea Bissau. According to the current General Director of Energy in GB Eng. Fernando Benício no electrical wind turbines have been installed in GB and there are no projects in this area for the near future. Some few windmills have been spotted in some remote areas in GB but they are no longer working.

How much money is needed to achieve universal electricity access in Guinea Bissau?

8. Around US\$263 million of public and private funding will be needed to achieve universal electricity access in Guinea Bissau by 2030. To achieve this goal, a combination of grid (70%) and off-grid (30%) solutions will be required to bring 400,000 additional new connections<sup>18</sup>.



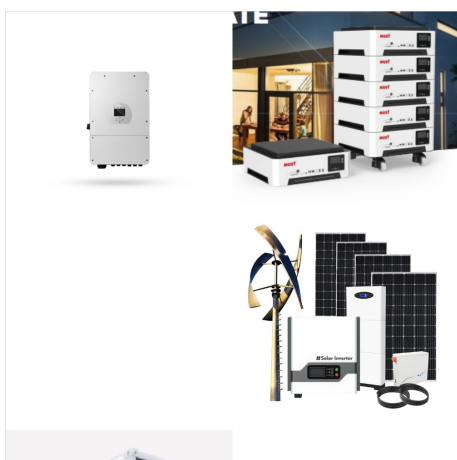
# VERTICAL ENERGY AND NETWORKS LTD GUINEA-BISSAU



scale renewable energy technologies in the electricity sector in Guinea-Bissau. The project had four main components: investments into small and medium scale renewable energy technologies; consolidated policy and regulatory framework for renewable energy; capacity development and



Solar energy is gaining traction as a vital renewable energy source in Guinea-Bissau. Small-scale off-grid projects are being introduced to rural areas, showcasing the country's potential for



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Guinea's Ministry of Posts, Telecommunications and the Digital Economy (MPTEN) says it has signed an agreement with Mali to interconnect the two countries' fibre optic networks, partly in response to recent subsea cable ???



The European Union (EU) had a ???23 million project in Guinea-Bissau, which included (i) ???8 million as Guinea Bissau's counterpart funds for the OMVG regional hydropower project; and (ii) ???15 million to invest in the EAGB power transmission ring around Bissau and the second phase of distribution rehabilitation (the first phase was



Primary energy trade 2016 2021 Imports (TJ) 5 745 5 222 Exports (TJ) 3 3 Net trade (TJ) - 5 742 - 5 219 Imports (% of supply) 19 16 Exports (% of production) 0 0 Energy self-sufficiency (%) 83 85 Guinea-Bissau COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021 15% 0% 85% Oil Gas Nuclear



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PetroNor E& P has completed the Guinea Bissau farm-down transaction which was announced on 27th June 2023. Over the Christmas holiday period, Apus Energy initiated the payment of \$23 million towards past licence costs and long lead items purchased for drilling. The Government of Guinea Bissau approved the transfer of the the Sinapa (Block 2) and ???



Washington ??? 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 ???



The expected results in the energy sector are: installing 500 solar street lamps, reducing energy loss, finalising the 225-kV western backbone interconnection line in the Gambia basin and developing renewable energy. This will enable Guinea-Bissau to increase the contribution of renewable energy to its total supply mix from 0 to 36%.





Guinea Bissau Figure 1: Energy profile of Guinea Bissau  
Figure 2: Total energy production, (ktoe)  
Figure 3: Total energy consumption, (ktoe) Table 1:  
Guinea Bissau's key indicators Source: (World Bank, 2015) Source: (AFREC, 2015) Source: (AFREC, 2015) Energy Consumption and Production Guinea Bissau has a population of 1.75 million (Table 1).



Guinea Bissau Electricity Transmission Network  
Last Updated: October 6, 2023 Guinea-Bissau  
Views: 147. Data for medium and high voltage transmission lines in Guinea Bissau. The data were compiled for the AICD study led by the World Bank. A variety of sources were consulted, including regional power pool documents and maps from World Bank



Israel's Delek Energy Systems Ltd. <DEOL.TA>, a fully owned subsidiary of Israel's Delek Group <DELKG.TA>, said on Sunday it would buy an 11.43 percent stake in two concessions of Guinea Bissau's



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Washington ??? 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 preparation and



Find relevant data on energy production, total primary energy supply, electricity consumption and CO2 emissions for Guinea-Bissau on the IndexMundi homepage. Find relevant information for Guinea-Bissau on energy access (access to electricity, access to clean cooking, renewable energy and energy efficiency) on the Tracking SDG7 homepage.



The World Bank board will decide on 29 May on funding totalling \$22.5m for the Emergency Water and Electricity Services Upgrading Project. The total includes \$8.09m to improve the reliability of electricity services by financing the provision of heavy fuel oil (HFO) to help build a sustainable supply chain for the thermal power plant in Bissau, and distillate diesel ???



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This, in turn, will open up more than 1,000 villages in all regions of Guinea Bissau. With the deployment of this vast network modernisation and extension programme, the operator says it aim is to guarantee the population of Guinea Bissau the availability of a latest-generation 3G and 4G network.



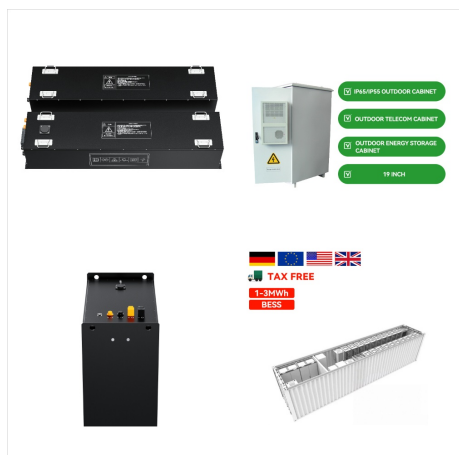
Guinea-Bissau has one of the lowest electrification rates in Sub-Saharan Africa with only 29 percent<sup>2</sup> of the population -around 53 percent in urban areas- having access to electricity (Figure 1). Several isolated grids provide electricity throughout the country, while a



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# VERTICAL ENERGY AND NETWORKS LTD 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 preparation and implementation for utility-scale solar parks and upgrade and expansion of solar grid infrastructure.



Guinea Bissau's Ministry of Energy and Industry is soliciting bids to extend the city of Bissau's distribution network to outlying districts. The expected duration of the project is 12 months.&nbsp; The African Development Bank is funding the project. Interested parties can obtain further information from 09h00 to 16h00 between Monday and Friday.



Only 29 percent of Guinea-Bissau's population has access to electricity, with around 58 percent in the capital city Bissau. Electricity is both scarce and very costly, making it among the most expensive in the African continent at





that 10 SIDS???Haiti, Guinea-Bissau, Comoros, Fiji, Papua New Guinea, Timor Leste, S?o Tom? & Pr?ncipe, Cabo Verde, Mauritius, and Solomon Islands???receive about 74% of these Regular Resources. The same cohort of countries receive 55% of the Vertical Funds. The substantial allocation of both Regular Resources and Vertical Funds to these