

Is Guinea-Bissau a viable energy resource?

The coast of Guinea-Bissau, with its deeply indented coastline, experiences high tidal range values making this a commercially viable energy resource. The highest mean annual tidal amplitude of 3.4 m was recorded at Porto Gole, on the banks of Rio Geba and could generate 50 MW of electricity (REEEP, 2012); (DICAT, undated).

How much does energy affect the cost of production in Guinea-Bissau?

Based on the experience from other countries, the incidence of energy on the total cost of production in the industrial sector should not exceed 10%, even with fully adjusted prices, for the agroindustries and light manufacturers that are found in Guinea-Bissau.

Is hydroelectricity a viable source of energy in Guinea-Bissau?

But by 2015 hydroelectricity was not still not an important source of energy. The coast of Guinea-Bissau, with its deeply indented coastline, experiences high tidal range values making this a commercially viable energy resource.

Does Guinea-Bissau have a dual energy economy?

Guinea-Bissau has a dual energy economy based on domestic wood-fuels and imported oil. About 90% of total energy consumption is accounted for by firewood and charcoal, which are used in almost all households for cooking as well as in traditional rural, commercial and artisanal activities.

Is biomass a source of electricity in Guinea-Bissau?

Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be an important source in lower-income settings. Guinea-Bissau: How much of the country's electricity comes from nuclear power? Nuclear power - alongside renewables - is a low-carbon source of electricity.

What agro-industrial and sawmill residues were used in Guinea-Bissau?

Agricultural and Sawmill Residues 3.25 The mission was able to sample the energy use situation in Guinea-Bissau's industrial sector through a number of visits to agro-industrial (peanut, rice, cotton and palm-nut milling) plants and saw-mills.

objective of energy pricing has not been implemented in Guinea-Bissau, where all petroleum product prices are substantially below their economic costs, because of the rapid rise in the shadow value of foreign exchange.

Guinea Bissau has a population of 1.75 million. Total production of electricity in 2015 was 13 ktoe with all of it produced from fossil fuels. Final consumption of electricity in the same year was 6 ktoe (AFREC, 2015).

Guinea-Bissau: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.

renewable energy in different countries and areas. The IRENA statistics team would welcome comments and feedback on its structure and content, which can be sent to [statistics@irena](mailto:statistics@irena) . Last updated on: 31 July, 2024

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