# Guinea-Bissau wasion energy

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).

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.

Who regulates the energy sector in Guinea Bissau?
The Ministry of Energy and Industryis in charge of both implementing policies in the energy sector and regulating them (Table 5). The National Electricity and Water Corporation (EAGB) manages the electricity sector in Guinea Bissau. On a regional level,the country is a member of the West African Power Pool.

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 has huge potential for clean energy development, but these energy resources are undeveloped due to inadequate financial, regulatory and technical capacities. Source: Guinée Bissau - Update and Extension of the Country Strategy Paper 2015-2019 to December 2021

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).

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.

Guinea-Bissau; Proved Reserves of Natural Gas (Trillion Cubic Feet) Trillion Cubic Feet: 0.0(2012) % of World Total (natural gas) ..., Guinea-Bissau Primary Energy Consumption (Quadrillion Btu), Guinea-Bissau Electricity Consumption, Export &  Import 1980-2013, Guinea-Bissau Total Petroleum Consumption 1980-2013 ...

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Provides comprehensive energy storage solutions for industrial, commercial and domestic users. Modularized energy storage equipment, combined with intelligent energy management systems, ensures a continuous and stable supply of energy, reduces energy costs and achieves energy self-sufficiency.

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.

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developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

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