

Solution to poor power supply in Cabo Verde

Does Cape Verde have solar power?

In 2012 Cape Verde had an installed electricity generation capacity of around 300 MW, of which about 24% from wind power plants and 3% from photovoltaic stations. While solar power has an enormous potential as a source of renewable energy, natural conditions in Cape Verde are one of the best in the world for the production of wind energy.

Is Cape Verde a viable alternative to fossil fuels?

Solid waste can also represent an adequate option while ocean and geothermal energy are being tested, with uncertainties remaining as to their efficiency. Cape Verde has an estimated potential of 2,600 MW of renewable energy, and more than 650 MW have been studied in concrete projects, which have lower production costs than fossil fuels.

What is the EU - Cape Verde special partnership?

The EU - Cape Verde Special Partnership was approved by the Council at the end of 2007 and is now in its implementation phase on the six priority sectors: governance, security, information society, regional integration, normative and technical convergence towards EU standards and fight against poverty.

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Cabo Verde has set ambitious targets for renewables alongside improving security and quality of service. There is a consensus that adopting Smart Grid solutions is the key towards energy transition in the country.

1 ???· In the Strategic Plan for Sustainable Development 2017-2021 [PEDS] (Governo de Cabo Verde, 2018), Footnote 3 the government already recognized that Cape Verde "prevails ...

The Master Plan will consider the major settings of the power sector development: Spatial demand forecast, new and reinforcement of transmission and distribution grid infrastructures, ...

In 2022, Cabo Verde witnessed strong economic growth, led by the sectors of tourism, transport, and commerce. This surge in economic activity boosted the country's GDP and contributed to poverty reduction. However, the ...

Cabo Verde tourism food supply chain, with a particular emphasis on traditional sectors such as agriculture and fisheries. As tourism continues to expand rapidly in Cabo Verde, the sector ...



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