Energy consulting 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 on wind energy.

How will the Electra project support the government of Cabo Verde?
Finally,the project will support the Government of Cabo Verde's goal to mobilize private and public capital for energy sector investments,by increasing stakeholders' capacity and supporting the restructuring and privatization of the electricity utility ELECTRA.

What is the energy sector in Cape Verde?
Cape Verde energy sector is strongly characterized by consumption of fossil fuels (derived oil-primary imported oil), biomass (wood) and use of renewable energy particularly wind and solar power.

Will Cabo Verde privatize Electra?
" The project will build on recent efforts from the World Bank to support the Government of Cabo Verde in the privatization of the electricity utility ELECTRA. A first step has been taken with the enactment of the power sector reform decree law, supported by the Cabo Verde First Equitable and Sustainable Recovery Development Policy Financing.

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

The Government of Cabo Verde (GOCV) has launched a long-term effort to reduce generation costs through mobilizing significant financing for upgrading transmission and distribution networks in all major Cabo Verde islands, in order to centralize power generation on each island in more efficient expanded thermal plants, as well as to enable the ...

Focus areas include renewable energy integration, pump storage systems, environmental impact, and reducing dependence on fossil fuels. Part of Cabo Verde"s Energy Master Plan, the initiative targets 50% electricity generation from renewables by 2030 for enhanced energy security.

Gesto is an expert in energy efficiency and energy losses, having for developed proprietary tools that allow the identification and control of energy losses. Gesto also supports utilities reducing energy losses in electric grids

and improving commercial efficiency:

In this context, the project is intended to help increase Cabo Verde"s renewable energy generation capacity and reduce power system losses, ultimately providing more sustainable and affordable electricity services to the population and contributing to ...

Outline of future steps for a progressive and successful implementation of smart grid technologies in Cape Verde. The project involved several missions of EDP experts for visits to key players ...

Outline of future steps for a progressive and successful implementation of smart grid technologies in Cape Verde. The project involved several missions of EDP experts for visits to key players in the country"s electricity sector: government agencies, regulatory bodies, the national electricity company (ELECTRA), wind and photovoltaic producers ...

The Renewable Energy Atlas includes the strategic identification of resource potential, location and analysis of the solar, wind, pumped-storage, geothermal and wave resources, and resulted in the identification of 2.600 MW of Renewable Energy potential in Cape Verde, from which Gesto studied more than 650 MW in feasible projects that would ...

Gesto is an international company focused on energy consulting and renewable energy project development. Gesto was founded with the aim of being a leading adviser and a trustworthy partner in creating sustainable energy sectors, thus improving people"s lives and making a ...

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