# **SOLAR** PRO. New use energy solutions Cabo Verde

#### 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 source in Cabo Verde?

Energy generated by wind turbinesfeeds the national grid on several islands. Cabo Verde offers good and reliable wind resources (18m/s). Solar: Small independent producers are operating in Cabo Verde, and small-scale solar power systems have been installed in some rural communities.

#### 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.

What percentage of Cabo Verde's energy comes from imported petroleum products?

Includes a market overview and trade data. Imported petroleum products constitute about 80 percentof Cabo Verde's total energy supply, while less than 20 percent comes from renewable sources, primarily wind and solar.

## Does Cabo Verde have a wind farm?

Wind: Cabo Verde has relevant experience in the sector, including through a public-private partnership called Cabeolica. Energy generated by wind turbines feeds the national grid on several islands. Cabo Verde offers good and reliable wind resources (18m/s).

## Is Cabo Verde part of power Africa?

Cabo Verde has been included in a number of regional projects as described in the Power Africa Toolbox. Power Africa is a market-driven, U.S. government-led public-private partnership aiming to double access to electricity in sub-Saharan Africa.

The Director of the Energy Service at Cabo Verde's Ministry of Energy, Mr. Carlos Monteiro, stressed that the workshop is a step towards Cabo Verde achieving its sustainable development goals and improving access to renewable energy for all its citizens.

Ribeira Alta, characterized by its rugged terrain and isolation, has long faced challenges with energy access. The newly established renewable energy system includes advanced solar power installations and energy storage solutions to meet the community''s electricity needs sustainably.

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Making the transition to renewable energy has become an even more pressing priority given the recent increase in energy prices. To achieve its ambitious goal, the government anticipates that Cabo Verde will need more than 150MWp of new solar projects and more than 60MW of new wind farms.

The Energy Transition 2023 programme aims to promote access to clean and sustainable energy based on three lines of intervention: production and distribution of sustainable energy, efficient energy consumption and strengthening the governance of the sector.

The government of the Republic of Cabo Verde, the European Union and the EIB have signed financing of EUR300 million (\$330.6 million) for the country"s energy, digital and port sectors; more than half will go to building a grid, generation and energy storage system up to ...

These are important conditions for wind energy production, and in Cape Verde, such conditions meet in the best possible way. Moreover, it is quite costly to produce electricity in the country through conventional sources, making renewable energy a solution with great viability.

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Despite remarkable progress in expanding energy access and reducing energy intensity in the past 10 years, the power sector in Cabo Verde faces challenges that could undermine its ability to serve as an engine of economic recovery post-COVID-19 pandemic.

According to the EU press release, the package presented includes: "Unlocking the power of green energy for Cabo Verde. The EU and the European Investment Bank (EIB) will pool resources to provide a combined grant and framework loan to revolutionise Cabo Verde's energy market.

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