# Cape verde solar panels

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The project is located in the town of Santa Maria on the island of Sal. It was built by Aguas de Ponta Preta, a company based in Cape Verde. The ministry said the project is part of a series of investments, including eight more solar arrays.

"Switching to renewable energy will not only reduce our reliance on fossil fuels, it will lower our energy bill and also protect us from external shocks and inflationary fluctuations in energy prices," the ministry said in a statement. "When we hit more than 50% penetration rate we"ll start to really feel the effects of reduced external impact, shocks and payments balance. Then this hits people"s homes and businesses."

Cape Verde has set a target of reaching over 30% of renewables in its electricity mix by 2026 and then to exceed 50% by 2030. Figures from the International Renewable Energy Agency show that Cape Verde had 26 MW of cumulative installed solar by the end of 2023, up from 23 MW at the end of 2022.



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.

Yet, introduction of renewable installed capacity in Cape Verde would not have been possible without the development of the Renewable Energy Atlas of Cape Verde, developed by Gesto Energia.

Due to strong dependence on oil imports for electricity generation in Cape Verde, the Government decided to establish the goal of reaching 50% renewable energy penetration by 2020.

With this in mind, Gesto was commissioned the development of the Renewable Energy Atlas of Cape Verde in order to identify the renewable potential of Cape Verde and identify projects that would meet the government goal of 50% RE penetration.

The overall objective of the "Cape Verde Renewable Energy Atlas" project was to develop the Renewable Energy Atlas of Cape Verde, which includes the identification of all renewable energy sources potential in all

islands of the archipelago of Cape.

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 have lower production costs that conventional energy generation.

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 world of difference.

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