

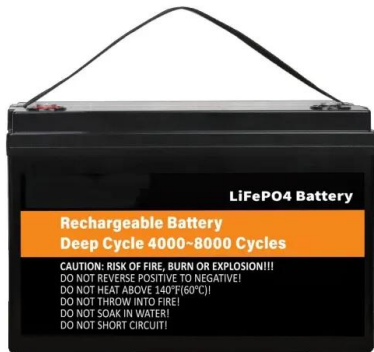
# Storing power from solar panels São Tomé and Príncipe





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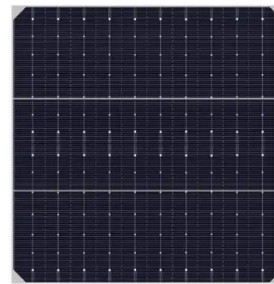


### Cleanwatts Signs Agreement for Two Solar PV Plants in São Tomé ...

Portuguese cleantech company Cleanwatts has signed an agreement with São Tomé and Príncipe in Africa for the production and sale of clean energy. The company will collaborate with the public utility Power and Water Company (EMAE) to install solar power plants across the country.

### Cleanwatts to deliver solar solutions to São Tomé and Príncipe

Portuguese clean tech scale-up Cleanwatts has signed a contract with the Government of São Tomé and Príncipe for the installation of photovoltaic plants across the country. Cleanwatts will collaborate with the country's public utility, the Power & Water ...



### Renewable energy

Due to the size of its land area, and the availability of land for the production of electrical energy through solar panels, the ideal scenario for São Tomé and Príncipe is the combination of different sources of clean energy generation, being hydroelectric and solar.

### Sistema de armazenamento de energia em baterias para a central

O objetivo último deste trabalho desenvolvido ao longo do estágio é avaliar os impactos do



recurso solar de São Tomé e Príncipe, em particular a Ilha do Príncipe, através do projeto BESS (Sistema de Armazenamento de Energia em Bateria) a fim de contribuir para uma estratégia de produção de energia, colmatando assim a carência



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## SAO TOME AND PRINCIPE

Sao Tome and Principe- Country Engagement Update Report - September 2022 2 1. Background o The Prime Minister of Sao Tome and Principe has inaugurated the country's first photovoltaic power plant, a solar system with a capacity of 540kwp.This renewable energy



## Sao Tome Principe 1

'As of 2020, the Government of Sao Tome and Principe is planning for the hybridization of one of the main thermal power plants (Santo Amaro) with solar photovoltaic technology through the Energy Transition and Institutional Support



## Solar gaining traction in Sao Tome and Principe

The government of Sao Tome and Príncipe and Portugal-based Cleanwatts have signed a contract to develop 1.7 MW of solar in the West African island nation. The project will include three

## solar energy storage in sao tome and principe

The island nation of Sao Tome and Principe switched on the initial phase of its first 2 MW solar project in August. Construction of 1.4 MW of PV capacity is now underway at two airports, and developers plan to install a total of 1.7 MW by 2023.





## Clean energy projects for São Tomé and Príncipe



Working with the country's public utility, the Power & Water Company (EMAE), Cleanwatts will install solar PV plants across the country. The first phase of the programme will be to install solar PV plants at the national airports in São Tomé (1.100kW) and on the island of Príncipe (300kW).

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## Renewable Energy and Energy Efficiency in São Tomé and Príncipe



The Contador Hydroelectric Power Plant, having 2.0 MW installed and more than 50 years of existence, is currently the only power plant in operation and is the main renewable source of electricity in the country. Solar energy, with its strong decentralized potential, is an energy potential for Santomeans in rural and peri-urban areas.

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