

SÃO TOMÉ AND PRÍNCIPE 2040
INVESTMENT FORUM

RISE
Resilience
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ISTP



Construction of the Solar Park and associated Infrastructure in Água Casada

AEELS

Opportunity

Key identified problems :

- High production costs due to heavy dependence on diesel fuel
- Energy tariffs that do not reflect the cost of service
- High technical and commercial losses in the sector
- Imbalance between supply and demand



AEELS

The project

The **Clean and Sustainable Energy Access Project (AEELS)** will finance shared infrastructure and prepare a site capable of hosting a solar photovoltaic plant with a capacity of up to 25 MWp. It will be located in the Água Casada area, covering approximately 70 ha.

It comprises three structural components:

- Água Casada Solar Park, with 10 MW of installed capacity on a site covering approximately 22 ha
- 30 kV transmission line, approximately 1.1 km long, connecting the park to the Santo Amaro substation
- Improvement of the access road, 2.3 km long, to allow the safe movement of equipment, workers, and vehicles from the community.



AELS

Expected impact

- 25 MWp of installed solar energy capacity
- 11 MWp of solar energy capacity enabled by the project through a lease agreement
- 15 MWp of solar energy capacity enabled through an Independent Power Producer
- US\$12 million in financing mobilized for clean energy through the private sector and other development partners
- 30% reduction in dependence on fossil fuels
- Reduction of 15,000 tCO₂e/year in greenhouse gas emissions



AELS
Maturity level

The project has a high level of technical maturity. Feasibility and environmental and social impact studies have been completed, and the Resettlement Plan is currently being implemented.

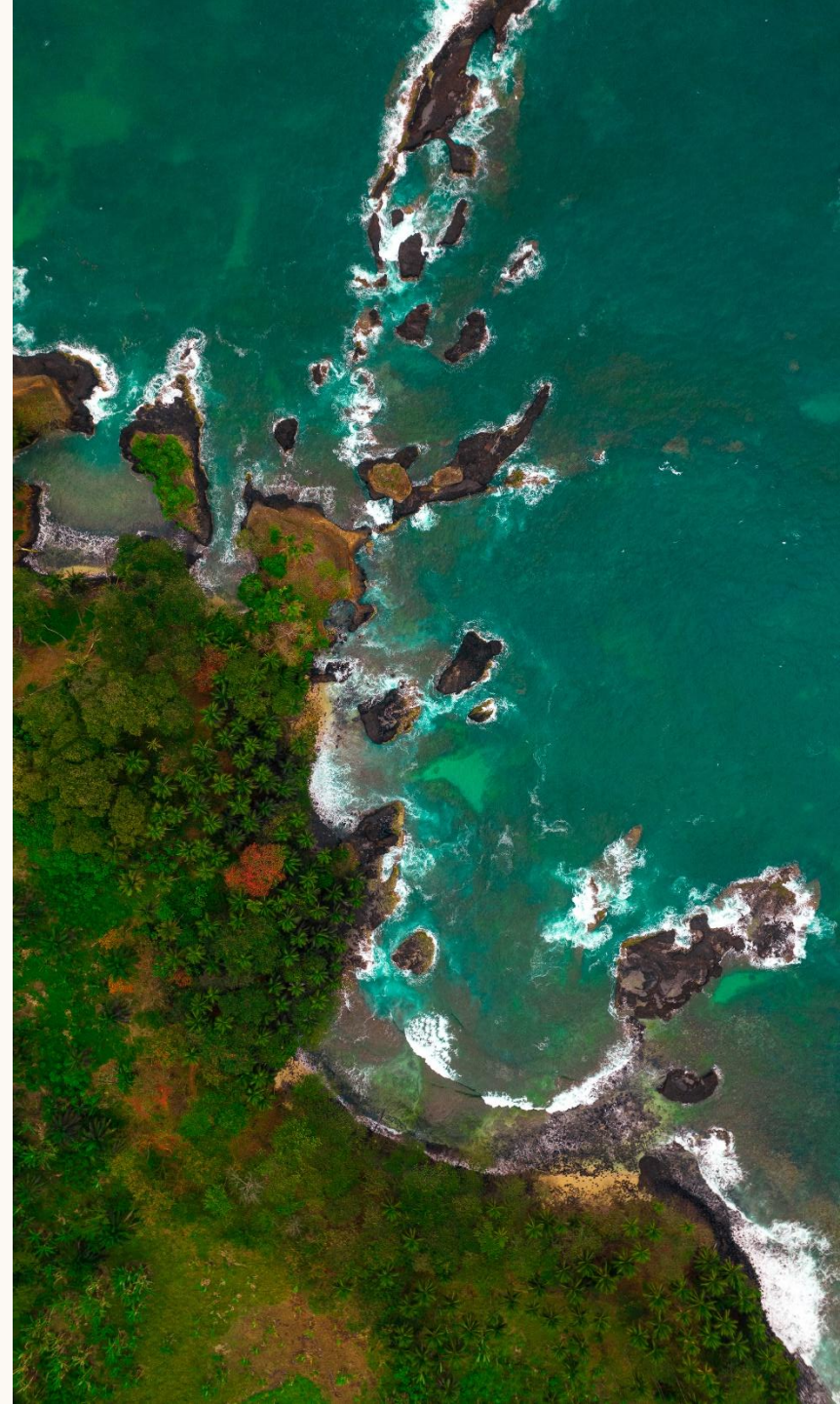


AELS Implementation and governance structure

Function	Entity
Guardianship	MIRN
Execution	AFAP/UTI/EMAE
Coordination	Comissão interministerial (Agricultura, Infraestrutura e Recursos Naturais, Finanças)
Local management	Unidade de Implementação do Projeto
Technical partners	EMAE, AFAP, BM

The **Access to Clean and Sustainable Energy Project (AELS)** is one of the São Tomé and Príncipe government's main initiatives to improve access to energy, diversify the energy mix, and reduce dependence on fossil fuels.

The planned infrastructure will increase national renewable energy production, improve grid stability, reduce energy costs, and generate environmental and public health benefits associated with the energy transition.



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