

## A-Core Container

# Mozambique communication base station wind and solar complementary



## Overview

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What is Mozambique's energy transition strategy?

Mozambique recently unveiled a game-changing energy transition strategy that is paving the way for heightened investment inflows and universal access to energy across the country.

What is the optimal power system expansion plan for Mozambique?

The optimal power system expansion plan if wind and solar capacity are allowed to triple to reach almost 3 GW by 2032. Currently, the power system of Mozambique is separated into two transmission networks isolated from one another: the Central-Northern and Southern systems. Over 50% of the annual power demand is seen in the Southern system.

How can Mozambique improve energy access using renewable sources?

Mozambique has several strategies and policies to improve energy access using renewable sources, these measures include: EDM Strategy 2018-2028. Public-private partnership initiatives have also been promoted to increase power generation and development of electricity transmission infrastructure.

- Legislative and regulatory framework.

How much energy will Mozambique generate a year?

The plant will increase Mozambique's installed capacity by 50% and generate 8.6 TWh per year, enough to power more than 3 million homes. A GREEN REVOLUTION: The country is also actively developing other renewable energy segments, such as solar and wind, which together are expected to represent 20% of domestic energy production by 2040.

Does Mozambique have an Energy Regulatory Authority?

In recent years Mozambique have made efforts to improve the legal and regulatory framework for the electricity sector to create an enabling environment to attract private investment in renewable energy and off-grid

projects. As a result, an Energy Regulatory Authority (“ ARENE ”) was created in 2017.

Is a floating solar power project possible in Mozambique?

Mozambique public utility Electricidade de Moçambique intends to carry out a feasibility study into the potential development of a floating solar power project on the Chicamba dam (Manica province) as well as feasibility studies for battery energy storage systems BESS in ten sites in Mozambique.

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