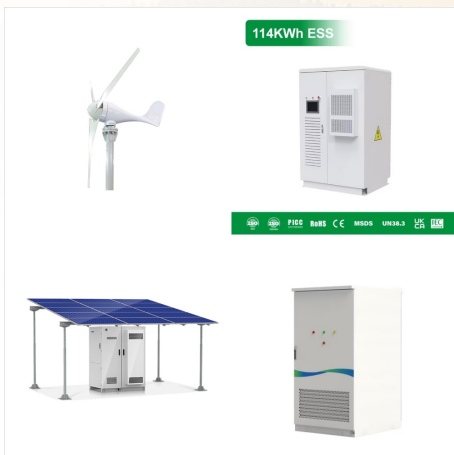




emissions from renewable power is calculated as renewable generation divided by fossil fuel generation multiplied by reported emissions from the power sector. This assumes that, if renewable power did not exist, fossil fuels would be used in its place to generate the same amount of power and using the same mix of fossil fuels. In countries and



Mozambique's \$80 billion energy transition strategy will leverage the country's vast renewable resources to position the country as a sustainable investment destination and deliver energy to its people, President Filipe Nyusi said at the COP28 summit in Dubai.

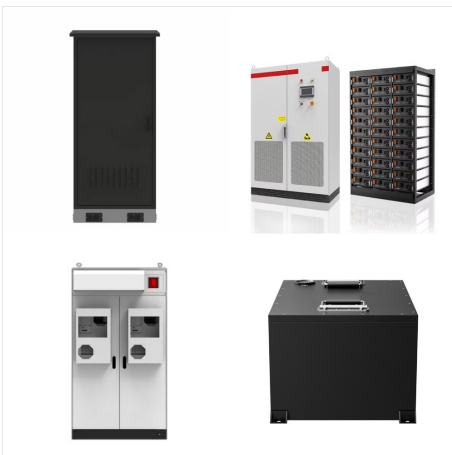


A solar PV plant is to be built in Mozambique and is aimed at providing electricity to thousands of homes. Once completed and in operation, the Matambo Solar Energy Project is expected to reduce Mozambique's carbon ???

# RENEWABLE ENERGY SOLAR ENERGY MOZAMBIQUE



Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass ??? the burning of charcoal, crop waste, and other organic matter ??? is not included. This can be ???



Large scale renewable projects are becoming a point of interest for investment in Mozambique, specifically solar and hydro. Mozambique's main body to promote renewable energy access, FUNAE, expects that the capacity of on-grid renewable energy from independent power producers (IPP) will increase to 575 MW by 2030.



Mozambique's renewable energy landscape is in its infancy, with 60 MW of installed solar capacity in 2022. However, the Mozambican government have a vision for the country, based on clean

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The project will promote small and medium sized investments in renewable energy, both on-grid and offgrid, in Mozambique, where energy access rates stand at 33%. The country has an installed capacity of 2,428MW, yet its vast and abundant renewable energy sources still remain untapped.



A Mozambique Renewable Energy Atlas was published in 2014 in order to map the potential of the renewable resources in Mozambique, namely hydropower, solar, wind, biomass, wave energy and geothermal. The total potential for generating electricity from renewable resources is over 23,000GW, most of which comes from solar energy.

# RENEWABLE ENERGY SOLAR ENERGY MOZAMBIQUE



Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass ??? the burning of charcoal, crop waste, and other organic matter ??? is not included. This can be an important energy source in lower-income settings.



Overall, renewable energy resources are located throughout the 45 country, with a strong focus on hydropower, biomass, wind power, geothermal power and solar energy (Crist?vao, Chichango