

# **Benin Wind and Solar Energy Storage Project**





## Overview

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How can Benin increase local production?

However, the government of Benin is making serious efforts to increase local production through national projects, specifically the Solar Energy Promotion Project (PROVES) and the Renewable Energy Development Program (PRODERE) . The principal RE sources in Benin are hydro energy, biomass energy, wind energy and solar energy.

What is the energy sector strategy in Benin?

In Benin, the energy sector strategy is aimed at improving the energy independence of the country and diversifying its sources of supply through the implementation of various interconnection projects with neighbouring countries and the enhancement of the national RE potential.

How can bioenergy contribute to the energy sector in Benin?

In addition, the Vossa hydroelectric power plant of 60.2 MW is to be built with an annual production capacity of 188.2 GWh. An additional hydroelectric plant is planned to be installed in Bétérou to increase the national electricity production in Benin . Bioenergy can also play a crucial role in the energy sector in Benin.

Does Benin have wind power?

Wind power is one of the RE resources that exist in Benin. The wind potential in Benin is evaluated by the Agency for Safe Navigation in Air (ASECNA) and it shows that only coastal regions have substantial potential and consistent wind speeds throughout the year .



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The proposed project will combine wind, solar, battery energy storage and green hydrogen to help local industry decarbonise. It includes an option to expand the connection to 1,200MW. [pdf]



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