

# Botswana increased renewable energy penetration



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[Botswana's 'considerable' renewable energy potential 'remains largely](#)

Naturally, there will be resource constraints with regard to replicating such success but the African Development Bank (AfDB) says that Botswana's own solar irradiation rate falls within the

### **NATIONAL ENERGY USE SURVEY**

Energy Carrier: A substance (energy form) or sometimes a phenomenon (energy system) that contains energy that can be converted to other forms such as mechanical work or heat or to operate chemical



### **Botswana. 50% Renewable Energy by 2036**

The country has set a target to increase the share of renewable energy to 30% of its energy mix by 2030 and to 50% by 2036, with an initial wave of 335 MW renewable energy projects

### **BOTSWANA AIMS TO ACHIEVE 50% OF ITS ENERGY FROM**

Currently, renewable energy accounts for 8% of Botswana's energy mix-up from just 1.3%. This increase is largely due to the government's policy shift to open the energy market to



### **Renewable Energy sources , Government of Botswana**

Botswana has a significant solar potential



## Botswana

Renewables are an increasingly important source of energy as countries seek to reduce their CO2 emissions and dependence on imported fossil fuels. Renewables are mainly used to generate

receiving over 3,200 hours of sunshine per year with an average insolation on a flat surface of 21 MJ/m. This rate of irradiation is among the



## ASSESSMENT OF RENEWABLE ENERGY GOVERNANCE IN

Although Botswana has put considerable effort into developing renewable energy, the electricity sector, which has the greatest potential in the transition to renewable energy in Botswana, is dominated by

## NATIONAL ENERGY COMPACT FOR BOTSWANA

Facilitating private sector participation: Creating an enabling environment for private sector participation in the energy sector with the goal of mobilizing a total of US\$650 million to US\$1.5 billion in private



## National Energy Policy Final

This National Energy Policy (NEP) is intended to guide the management and development of Botswana's energy sector, especially the penetration of new and renewable energy sources into the

## **Botswana: Renewable energy industry starts to sparkle**

With abundant solar and wind resources, the diamond-rich Southern African nation of Botswana is positioning itself as a regional leader in clean energy, backed by government incentives,



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