
Currently, many rural areas in Western Sahara lack access to reliable electricity, which hinders the provision of essential services such as healthcare and education. The development of solar and wind power projects could help to address this issue by providing a stable and sustainable source of electricity for these communities.


The humming, tracking mirrors of the first two phases concentrate the sun's rays onto a synthetic oil that runs through pipes and heats it to 350?C (662?F), creating water vapour that drives a turbine-powered generator.


The initial stages of another renewable energy project has been launched in the disputed Western Sahara region, which is under the control of Morocco. The Janassim project recently launched its measuring campaign of solar and wind energy potential.

# EMPRESA SOLARI WESTERN SAHARA

Un colossale parco solare nel Sahara potrebbe soddisfare le nostre esigenze energetiche? Il grande deserto africano contiene una quantit? pressoch? illimitata non solo di sabbia, ma anche di sole. ? tecnicamente possibile dare vita a un megaprogetto solare? Il nostro esperto Khamid Mahkamov chiarisce la questione.

Yet another "renewable" energy project is on the horizon in occupied Western Sahara. And it is gigantic. The new solar project is three times as big as the two solar plants so far constructed in Western Sahara, combined. The information about the new 350 MW solar plant in Boujdour appears on the website of Morocco's Ministry for Energy

Siemens or Siemens Gamesa have equipped all five wind farms in Western Sahara with turbines. Plans have seemingly also been issued for another solar plant at El Argoub, near Dakhla. In 2023, a study commissioned by the Moroccan government showed that Morocco's greatest potential for green hydrogen development lay in

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The Sahara Desert has immense potential for solar power generation due to its abundant sunlight and vast open spaces. Challenges such as sandstorms, extreme temperatures, and lack of infrastructure pose obstacles to harnessing solar power in the Sahara Desert.


Here we use state-of-the-art Earth system model simulations to investigate how large photovoltaic solar farms in the Sahara Desert could impact the global cloud cover and solar generation