

Does Morocco need solar power?

And even as it seeks to end its dependence on fossil fuels, its energy demands are rising fast. Despite these challenges, Morocco has a huge natural potential to produce solar, wind and hydropower, and has taken significant steps to realise it.

Should Morocco invest in nuclear power?

Morocco's National Energy Strategy identifies nuclear power as a key option for diversifying energy sources, and Housni et al. suggest that deploying small modular reactors could deliver cost-effective, low-carbon electricity, particularly in industrial zones.

Is wind energy a viable solution in Morocco?

Despite overreliance on conventional resources like coal and gasoline leading to an energy crisis, Morocco sees wind energy as a viable solution due to its increasing accessibility and cost effectiveness. This study comprehensively explores Morocco's wind energy landscape, defining wind energy and its global and local potential.

Should Morocco invest in a wind park or project?

As a result, Morocco has become a leader in the field of wind energy in Africa and is considered a model for other countries in renewable energy sector development. Before implementing a wind park or project, it is necessary to evaluate its potential production to determine if it is worth investing.

Does Morocco have a wind potential?

A study published in 2020 by the Moroccan Agency for Solar and Wind Energy (MASSEN) examined the wind potential in Morocco. According to this study, Morocco has a wind potential of nearly 8 GW, mainly in coastal regions and the country's south (ANDEREE, 2013; El Khchine et al., 2019).

Are there any wind projects in Morocco?

There are also other wind projects under development, which are supported by Moroccan authorities, private investors, and foreign companies to increase the installed wind capacity in the country (Hicham, 2022; Renewable energy, n.d.; Wang and Wang, 2015) (Table 1).

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