

Benefits of energy storage tunisia

their renewable energy potential, such as Tunisia. The objective of this report is to look into the potential of Battery Energy Storage System (BESS) development in Tunisia, in line with national efforts towards a clean and sustainable energy transition as well as ensuring the optimal use of energy sources and improving energy security.

The Government of Tunisia (GoT) has embarked on an ambitious path to increase its renewable energy production. Through the TERI UMBRELLA, the World Bank has been providing technical assistance activities to support and accelerate Tunisia's energy transition, particularly to increase renewable energy generation.

RES4Africa's report on "Battery Energy Storage Systems in Tunisia" argues that energy storage is an essential tool to enable the effective integration of renewable energy and unlock the benefits of local generation and a clean, resilient energy supply.

The Transport and storage sector in Tunisia is the most important sector in terms of production, value added, employment creation and CO₂ emissions when measured altogether. The Solar Field and the Power Block coming from Italy are reflected in sectors such as Electrical equipment, Basic metals and Fabricated metals, as well as Other non ...

WASHINGTON, June 24, 2019 - The World Bank's Board of Executive Directors approved a new US\$151 million project today in support of Tunisia's goal of diversifying its energy sources away from imported hydrocarbons and providing cleaner and less expensive electricity to Tunisian people and businesses.

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Energy transition has been a key element in Tunisia's official discourse for years, aligning with the global context that drives investment in renewable energies and reduces dependence on fossil energies. In this discourse, renewable energies, particularly photovoltaic energy and "green" hydrogen, are presented as the ideal solution that will enable the country to overcome its energy deficit and attract foreign investments, thereby contributing to addressing the economic crisis.

However, these headlines, promoted by the Tunisian state and the "supporting" international institutions in this matter, obscure the fact that these investments further deepen regional disparities and perpetuate the same exploitative mechanisms of the extractive model. These investments come at the expense of citizens in the interior regions, generating profits for investors without delivering genuine developmental or environmental benefits to the country.

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An aspect of the injustice of these investments is evident in land exploitation for the construction of solar or wind power plants. In this context, President Kais Saied used the authority of decrees to remove obstacles to the exploitation of public and agricultural lands for these projects. As for the communal and private lands, particularly in the south, where land ownership remains a contentious issue between the authorities and local residents the government has accelerated its efforts by using coercive measures to impose investors' control over these lands, as is currently happening in the villages of Sagdoud, Chenini, and Douiret.

This approach is not isolated from the European countries' pursuit to diversify their energy supply sources to achieve their own goals and indicators at the expense of the environmental and economic interests of the Global South, through non-transparent agreements covered by attractive slogans such as energy transition and economic cooperation.

This paper aims to shed light on the challenges related to these projects and to highlight the issues that need to be taken into consideration to ensure that the Tunisia's energy transition is fair and driven by a national desire to achieve energy self-sufficiency and to guarantee citizens' right to access energy.

The discourse on "transition" in general represents one of the elements of the internationally dominant global discourse, especially when related to concerning the Global South. "Transition" is often claimed to be an inevitable path to progress and prosperity, taking various forms that are promoted in the literature of international institutions, such as digital or energy transition.

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