

Saudi Arabia's Public Investment Fund (PIF) is financing a large-scale solar project run by ACWA Power, which is helping to kickstart the country's aim to become a global energy transition leader.

By prioritizing R& D in advanced solar technologies, Saudi Arabia can lead in the development of more efficient and cost-effective solar solutions. This could include advancements in photovoltaic cell materials, solar thermal technologies, and energy storage systems.

Founded in 2019 as a spinoff from KAUST, Mirai Solar is pioneering innovative solar panel technology aimed at enhancing PV efficiency.

Why Solar? With energy costs and consumption rising at an exponential rate, the need for renewable energy has never been greater. In accordance with the Saudi Vision 2030 plan for energy diversification, Sun Capture brings high quality, cost-competitive solar products to help businesses ease the burden of the high cost of energy.

Saudi Arabia has launched a number of projects in solar energy over the past few years, including: Sakaka IPP located 30 km from the city of Sakaka in the Al-Jouf region, north of the Kingdom. The project consists of 1.2 million solar panels arranged over 6 km<sup>2</sup> of land, with a production capacity of 300MW.

FusionSolar is a leading Saudi Arabia provider of solar solutions, partnering with professional installers, utilities, and other stakeholders to promote sustainable and efficient use of renewable energy. We can offer powerful solar solutions tailored to meet the needs of our customers in Saudi Arabia and beyond.

From solar panels on rooftops to large-scale solar farms in the desert, Saudi Arabia has embraced renewable energy sources to reduce its reliance on fossil fuels. The country aims to...

Mirai Solar originated in 2019 as a spinoff company from KAUST, stemming from the university's solar center with a vision to create innovative solar panel technology.

3 ???#0183; The 1,000 MW Al Masa'a project is located in the Dharghat Town, Hail province, Saudi Arabia Set to be flagship solar plants in the Kingdom, the projects will be developed, built, owned and operated by the consortium as part of a 25-year agreement with the off-taker SPPC. Both solar parks will help to achieve the target of increasing the share ...

Under its Vision 2030 initiative, Saudi Arabia aims to deliver 50 percent of its electricity from renewables by 2030. The country's Deputy Minister of Localization, Local Content and Risk Management at the Ministry of Energy, Fuad Mosa, told at a 2023 KAUST research conference that low-cost solar would be an important part



# Innovative solar panel Saudi Arabia

of the country"s ...

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