



# Red sea solar container

<div class="df\_qntext">What is Saudi Arabia's Red Sea project?

Saudi Arabia's Red Sea Project is making headlines with the construction of the world's largest photovoltaic-energy storage microgrid. Featuring a 400MW solar PV system coupled with a 1.3GWh energy storage system, this ambitious project is set to revolutionize sustainable energy solutions in hospitality.

<div class="df\_qntext">Will Huawei fusion solar power Red Sea city's off-grid energy needs?

Huawei's FusionSolar Smart String Energy Storage Solution will power the Red Sea City's off-grid, clean energy needs. The Red Sea Project, a key part of Saudi Vision 2030, is now the world's largest microgrid with 1.3GWh storage capacity.

<div class="df\_qntext">What is the Red Sea microgrid?

"Microgrids are not new to the power industry. However, the Red Sea Microgrid is unique because it uses only renewable sources of energy and it is completely disconnected from any external grid," Xing highlighted. The Red Sea Project is poised to transform the region into a beacon of sustainable tourism.

<div class="df\_qntext">Why is Huawei involved in the Red Sea project?

Huawei's involvement in the Red Sea Project underscores its commitment to sustainability, technological expertise, and collaboration. "The Red Sea Project provides an unparalleled opportunity to demonstrate this commitment and showcase our industry-leading innovation and technology," said Xing. "It's a blueprint for sustainable cities.

<div class="df\_qntext">What will Red Sea city look like in 2030?

By 2030, the vision is to create Red Sea City, a sprawling development featuring 50 hotels, 8,000 rooms, and over 1,000 residential properties across 22 islands and six inland locations. The city is expected to attract up to one million visitors annually, all powered by off-grid clean energy.

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