

# Niger solar Water Pump Project





## Overview

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What is the Niger solar energy access project?

The World Bank-funded Niger Solar Electricity Access Project enables farmers to buy pumps. Based on its success, a broader \$800-million solar energy project - Niger Accelerating Electricity Access (HASKÉ) - will integrate grid power, mini-grids, and off-grid solutions for electricity and clean cooking.

Can solar-powered irrigation pumps transform Niger?

Solar-powered irrigation pumps and other appliances have demonstrated their power to transform Niger by increasing crop yields and production.

“Previously, I irrigated only a tiny plot using diesel water pumps,” says Alzouma. “With solar irrigation, we now grow fruit trees, onions, tomatoes, and moringa.”

What is a solar-powered water pumping system?

The solar-powered water pumping system enables Alzouma to rotate crops on his farm in Finaré, Niger. Photo credit: ICM Niger. Based on its success, a broader \$800-million solar energy project - Niger Accelerating Electricity Access (HASKÉ) - will integrate grid power, mini-grids, and off-grid solutions for electricity and clean cooking.

How many solar pumps are there in Niger?

Four solar pump companies accounting for half of all pump sales in Niger have tapped into the credit line, bringing 800 solar pumps to Niger’s farms since 2017. NESAP has loaned more than \$1.5 million to solar system importers, wholesalers, retailers, installers, and solar electricity service providers.



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Niger Photovoltaic Solar Water Pump Project In February 2023, Solartech PB-G3 series 37kW AC solar pumping system was successfully applied to the solar water-saving irrigation project in ...

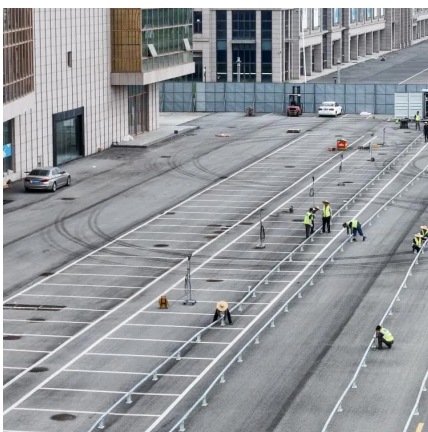
### [Sunmoy solar panel powered water pump is delivered to Niger ...](#)

Jan 25, 2025 · Many areas of Niger lack electricity but are rich in solar resources. This fuel-free, zero-emission water pump can effectively reduce water collection costs and improve living ...



### [Food Security Through Solar-Powered Irrigation in Niger](#)

Thirty kilometres from the capital of Niger, in the region of Kollo recently marked by terrorism, a group of 200 women will soon benefit from a Californian irrigation system using solar pumping ...



### [800mil Solar energy project](#)

Mar 19, 2023 · The World Bank-funded Niger Solar Electricity Access Project enables farmers to buy pumps Based on its success, a broader \$800-million solar energy project - Niger ...



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### [\\$800m solar energy project to transform Niger's agriculture ...](#)

Mar 17, 2023 · A solar energy project focused on the agriculture, farming and rural business communities in Niger is set to commence this year, the World Bank says. This follows the ...



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### [Solartech solar water pump system helps the herdsmen in Niger ...](#)

In June, 2022, Solartech PB-G3 series 4kW AC solar water pump system was successfully installed in a pasture in Niger. The system is mainly used to pump water from the deep well to ...



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The Importance of Solar Water Pumps in Niger  
Niger, located in the Sahel region of Africa, is prone to severe droughts that significantly impact agricultural productivity. Traditional farming ...

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