

Where is solar energy used in Niger?

Niamey and Zinder, located at lower latitudes, show less variability across the year, hence making them excellent locations for harnessing solar energy. There is a long history of solar energy use in Niger. This began in the mid-1960s when the Centre National d'Energie Solaire (National Solar Energy Centre; CNES) was established.

Who is Equans solar?

With a team of 1500 solar experts providing tailor-made Solar PV solutions for industrial and tertiary buildings, Equans has installed 5.5GW of solar energy and 550MWh of BESS capacity worldwide.

What is the history of solar energy use in Niger?

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How can Niger balance its energy mix?

This transformative project, funded by the World Bank through the International Development Association (IDA), will enable Niger to better balance its energy mix, which is currently largely dominated by thermal energy. This initiative is particularly crucial for a country that frequently faces climatic shocks.

What makes Equans unique?

Through its visionary and intrinsically solution-driven use of new energy technologies, Equans has evolved from being a reactive provider to a proactive full carbon transition partner. A one-stop partner for scaled, integrated, and high-performance solutions enabling the emergence of a post-carbon era.

What does Equans do?

Equans is a leader in rail and road electrification, covering the design, installation and maintenance of a vast array of electrification systems and electrical distribution networks. For rail infrastructure, this caters to urban rail, high-speed lines, tramways, and metros.

We activate our in-house and local expertise (design, installation, maintenance, PV project management, BESS, grid integration, substations...) to successfully develop and implement integrated, turnkey, tried-and-true solar PV and storage solutions with highest level of safety, social and environmental sustainability.

The government of Niger has just signed a partnership with the "Scaling Solar" programme of the International Finance Corporation (IFC), the private sector financing arm of the World Bank Group. Through this initiative, Niger will rely on independent power producers (IPPs) to add 50 MWp of solar power to its

national grid.

With a team of 1500 solar experts providing tailor-made Solar PV solutions for industrial and tertiary buildings, Equans has installed 5.5GW of solar energy and 550MWh of BESS capacity worldwide. The company operates in two main areas to give efficient solutions: large and medium-sized plants with energy storage and grid integration, and ...

Equans is a multinational energy and services company specializing in building sustainable energy infrastructure, facilities management, and technical services. Formed as a subsidiary of Engie in 2021, Equans operates in over 20 countries, providing solutions in areas like energy efficiency, digital technology, climate control, and renewable ...

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The OPEC Fund's loan will finance the construction and grid integration of the 10 MW Dosso solar plant. Only around 20 percent of the population of Niger have access to electricity; one of the lowest rates in Sub-Saharan Africa and with significant disparities between urban and rural areas and regions.

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Construction partner ...

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