



Solar energy for the environment gambia

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Increasing investment into clean and reliable renewable energy for The Gambia is a top priority of the government. Due to its strategic location and ideal conditions, The Gambia is ideally suited for investment into the Solar Energy sector.

To match the rising demand and to provide sustainable and accessible energy to all Gambians, the potential for solar energy investment is immense in The Gambia. The government of The Gambia seeks to increase RE's contribution to 40% from 2% presently in the coming years.

Energy demand in The Gambia has increased by 5.5% per year in recent years and today's connection of the new 23 MWp solar plant to the national energy grid will significantly increase Gambia's current generation capacity of 98 MW and enable electrification of rural areas.

Access to clean energy in the Gambia is set to be transformed under a new EUR 142 million initiative to harness solar power and supply clean energy across the country, backed by the EIB, World Bank and European Union.

Through the National Development Plan the Government of The Gambia seeks to increase its share of Renewable Energy from 2% to 40% and encourage private sector participation to provide 24/7 access to electricity to all Gambians.

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The Renewable Energy Potentials in The Gambia (REPGam) project - Funded by the German Federal Ministry of Education and Research (BMBF), this project has committed USD 3.7 million over the course of 4 years. The project began in 2021 and is expected to train over 200 Gambians in Renewable Energy technologies.

The Gambia Sustainable Energy Sector Program - With a budget of Euro 136 million from the European Investment Bank, World Bank and others, this project began in 2018 and seeks to restore and modernize the energy transmission grid, install on-grid solar Photovoltaic (PV) units and off-grid PV units for health facilities and public schools in remote areas.

The Gambia Solar Energy Project - Initiated in 2007 and completed in 2012, this project was implemented by the University of Strathclyde's Department of Electronic and Electrical Engineering to provide sustainable lighting and energy to schools in rural Gambia. The project installed 8 solar energy systems by the time of its



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completion.

The Gambia has also recieved significant support from the World Bank with the ongoing Electricity Restoration and Modernization Project. This project began in 2018 and is active until 2024, it seeks to improve the capacity of the Renewable Energy generation in The Gambia

Driven by a steady growing population (2.42m growing at 3% p.a.), business expansions and rapid urbanization - the Gambian electricity sector is expected to see strong growth in the coming years.

The Government is a signatory of the Paris Climate accords and has undertaken several initiatives such as providing fiscal concessions, investing in R& D, and improving its regulatory regime to attract foreign investments in the renewable energy sector.

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Web: <https://www.hollanddutchhtours.nl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

