



Wallis and Futuna solar power pat

How can GGGI support a solar project in Taveuni?

Prepare the tender documents for the solar plant. Secure financial support for the project. GGGI is currently conducting a full feasibility study for this project. The 1.55 MW solar PV project is the first of two phases required to achieve the target of 100% electricity generation from renewables in Taveuni.

Is GGGI preparing a feasibility study for Taveuni solar PV project?

GGGI is currently conducting a full feasibility study for this project. The 1.55 MW solar PV project is the first of two phases required to achieve the target of 100% electricity generation from renewables in Taveuni. The current phase 1 will reach 65% and will be completed by 2020.

How GGGI & KOICA are implementing the Taveuni solar PV project?

GGGI and KOICA signed a Letter of Intent in May 2017, indicating strong mutual interest in implementing the Taveuni solar PV project. Carry out a full feasibility study for a 1.5 MW solar PV project on Taveuni. The kick-off for the study was realized in November and the study will be finalized at the end of June 2018.

Map with solar irradiation and PV power potential in Wallis and Futuna. The GIS data stems from the Global Solar Atlas ([link](#)). The link also provides a poster size (.tif) and midsize map (.png).

The Global Solar Atlas provides a summary of solar power potential and solar resources globally. It is provided by the World Bank Group as a free service to governments, developers and the general public, and allows users to quickly obtain data and carry out a simple electricity output calculation for any location covered by the solar resource ...

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In New Caledonia, we operate nine solar power plants and have started building four other plants and one windfarm. Specialty, petroleum and bio-based products In New Caledonia, we have interests in several depots and two storage companies, one of which is in Wallis and Futuna.

Despite its geographic location, the islands are well connected courtesy of the Tui-Samoa undersea cable that connects the islands to both Fiji and Samoa. Regarding energy, Wallis & Futuna depend largely on imported fossil fuels, but has set a target of 100% renewables by 2050.

The largest collection of free solar radiation maps. Download maps of GHI, DNI, and PV output power potential for various countries, continents and regions.

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Wallis and Futuna. Key Data. General information: Constitutional status: Overseas Territory of the United Kingdom; Land area: 142 km²; Exclusive Economic Zone: 262,566 km²; Population: 11,558; GDP per capita in 2009: 10,100 (EUR) CO₂ eq emissions: Energy transition: Installed capacity in 2019: 8.5 MW; Power generation in 2020: 21.6 GWh

power have been calculated as renewable generation divided by fossil fuel generation multiplied by reported emissions from the power sector. This assumes that, if renewable power did not exist, fossil fuels would be used in its place to generate the same amount of power and using the same mix of fossil fuels.

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