

What is French Polynesia's energy transition plan?

French Polynesia's energy transition plan has three main objectives: Change the energy model, by gradually replacing the use of fossil fuels with renewable energies in all activities

Does French Polynesia rely on hydrocarbons?

French Polynesia, like most island territories, is highly dependent on hydrocarbon imports. In 2019, 93.8% of energy consumed in the archipelagos came from imports of various petroleum-based fuels. The renewable energy penetration rate in power generation stood at 28.78% in 2019. This figure has remained stable over the last five years.

Who is Akuo Energy?

France-based Akuo Energy will be involved in the deployment of ocean thermal energy (OTEC) and hydrogen and battery storage capacity in Bora Bora, French Polynesia. The French renewable power producers said on Monday it will take part in a project aiming to decarbonise the electricity production and transport sectors on the islands.

What is Agrinerie & aquanergie?

The two systems are called Agrinerie and Aquanergie, respectively. A second phase of the project will focus on creating a zero-carbon transport network and on producing ocean thermal energy. The project has received substantial financial backing by the European Union (EU).

By processing batteries locally, the Be Energy center in Tahiti also enhances French Polynesia's energy self-sufficiency, an essential objective in the context of its ...

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

By processing batteries on site, the Be Energy center is also contributing to French Polynesia's energy autonomy, a key objective as part of its ecological transition. By extending the life of batteries, it reduces dependence on imports and limits greenhouse gas emissions linked to waste transport.

Le centre Be Energy à Tahiti est en train de proposer une solution novatrice : la gestion rationnelle des batteries. Grâce à des technologies de pointe, dont le BRT MAXI ...

Kokam Co Ltd will supply a 15-MW/10.4-MWh battery energy storage system (BESS) that will act as a

virtual synchronous generator in Tahiti, French Polynesia, serving the triple purpose of reducing diesel fuel consumption, ...

The government of New Caledonia, a French overseas territory in Polynesia, has announced plans for a 150MWh battery energy storage system (BESS) to be deployed by IPP Akuo Energy. Authorities have enlisted Akuo, a developer and independent power producer (IPP), to deploy the system which will have a discharge duration of three hours, a state ...

En traitant les batteries sur place, le centre Be Energy contribue à l'autonomie énergétique de la Polynésie française, un objectif clé dans le cadre de sa transition écologique. En prolongeant la durée de vie des batteries, il réduit la dépendance aux importations et limite les émissions de gaz à effet de serre ...

Le centre Be Energy de Tahiti contribue à ces défis en proposant une solution novatrice : la gestion rationnelle des batteries. Doté de technologies de pointe, dont le BRT MAXI GOLD, ce centre est capable de prolonger la durée de vie des batteries au plomb, réduisant ainsi la nécessité de les enfouir ou de les exporter.

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AFD and the Polynesian authorities have jointly defined a support program to assist French Polynesia with its energy transition. By 2030, the renewable energy penetration rate in power generation will reach about 75%.

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