

Can Reunion Island achieve energy autonomy by 2030?

Reunion Island, a French overseas region located in the Indian Ocean, is facing a three-fold challenge combining demographics, the environment and energy. To limit its heavy dependence on imported fossil fuels, Reunion Island aims to achieve energy autonomy by 2030 based on greater energy efficiency and renewable energy alternatives.

What is green energy revolution Reunion Island?

Until recently, Reunion Island had implemented the GERRI project, Green Energy Revolution Reunion Island. This economic and social development program centered on the sustainable development of Reunion Island and resulted from the "Grenelle Environment" French environment roundtables.

Is Reunion Island a renewable resource?

Hydroelectricity is the island's main renewable resource. It accounted for 17,2% of its total electricity production in 2015 (133,6MW of installed capacity), spread over six sites in the eastern part of the island. An additional capacity of 50MW should be deployed by 2030. Reunion Island's biomass potential is considerable.

Is biomass a viable energy source for Reunion Island?

The development of biomass on Reunion Island is economically more viable. By 2030 in the transition scenarios, electricity from biomass has advantageously replaced electricity from coal and represents slightly more than 50% of electricity generation.

Does Reunion Island need economic support?

The development of biomass, particularly energy cane, is economically interesting. Solar and marine energy need political and/or economic support to be developed. Reunion Island, a French overseas region located in the Indian Ocean, is facing a three-fold challenge combining demographics, the environment and energy.

Does Reunion Island use fossil fuels?

Whereas in the 1980s all of the energy produced on Reunion Island came from renewable hydroelectricity, the island has gradually become dependent on imported fossil fuels.

Sun, biomass, hydraulics, tourism: Reunion Island has assets to ensure its economic development and energy transition. One of the five French overseas regions, Reunion Island is located on the Indian Ocean cyclone path and has a tropical climate.

EDF Renewables is strengthening its presence on the island of Reunion with the commissioning of the Rivier des Galets solar power plant (4.6 MW). Inaugurated on October 27, 2023, this is the fourth EDF Renewables installation on the island. A new solar power plant now sits below the dizzying reliefs of Bas

Mafate, on the island of Reunion.

Reunion Island is endowed with many types of renewable energy sources (RES) such as solar, wind, geothermal, sea energy (ocean thermal energy conversion and wave energy), biomass and hydropower. However, reaching this 100% renewable electricity mix will involve many structural changes in electricity production in a short time-frame.

Rich McCoy is the Founder and CEO of Rivus Energy Consulting, a leading authority in solar sales and renewable energy solutions. With a focus on empowering professionals in the field, Rich provides expert training in solar appointment setting, objection handling, and sales strategy development. Through Rivus Energy, he drives business growth ...

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"RIVUS symbolizes the constant flow of life, energy, and development, which form the cornerstone of our project, with an emphasis on the harmony between the built-up and natural spaces, thus creating the ideal symbiosis. Our proposal for the former Carbochim platform has a strong natural component, which consists in developing the Simes ...

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Rivus Energy Consulting was created to aid homeowners and save money by switching to clean energy with a fixed energy bill, while adding equity into the home. We help you from start to finish, every step of the way.

For its lead program HU6, Rivus Pharmaceuticals has completed Phase 1 clinical studies and a Phase 2a metabolic study, which was published in The Lancet Gastroenterology & Hepatology. Building on data from the metabolic study, Rivus initiated a Phase 2a study in patients with obese heart failure with preserved

ejection fraction (HFpEF) and a Phase 2 study in patients with ...

IntroductionAs the global energy landscape shifts towards renewable sources, the need for effective and sustainable energy storage gains prominence. Rivus Batteries is a company that operates in this space, focusing on Organic Flow ...

Created in 2007 on Reunion Island, the Indian Ocean subsidiary today boasts a wide variety of solar farms. Here, it started the Group's first agrivoltaics plants, as well as the Aquanergie®; ...

Rivus energy storage technology can optimise energy usage while minimising environmental harm. Get in touch. Battery storage systems are emerging as one of the key solutions to effectively integrate high shares of solar and wind renewables in ...

Created in 2007 on Reunion Island, the Indian Ocean subsidiary today boasts a wide variety of solar farms. Here, it started the Group's first agrivoltaics plants, as well as the Aquanergie® technology and the first battery storage solutions which have given Akuo sound expertise in Non-Interconnected Zones (NIZ).

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