

How did Reunion Island get its energy?

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

How can Reunion Island achieve energy autonomy?

Reunion Island aims to achieve energy autonomy and a 100% renewable electricity mix by 2030. Without policy support, the share of renewables remains at the 2008 reference level. The development of biomass, particularly energy cane, is economically interesting. Solar and marine energy need political and/or economic support to be developed.

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.

Can Reunion Island make its electricity 100% renewable?

Reunion Island's plan for making its electricity system 100% renewable involved a multi-fold process. This ambition was established in the law "Grenelle 1" No. 2009-967, whereby the French Ministry of Ecology mandated in April 2009 that all new constructions in overseas departments must install solar water heating.

Will switching to renewables solve Reunion's self-sufficiency problem?

Although laudable, switching to renewables will not solve the self-sufficiency problem. The renewable sources Reunion uses to generate electricity will still be mainly imported from abroad. "Forests will be cut in Canada to put in our furnaces in Reunion island," says Mathieu David, who studies mechanics and energy at the University of La Reunion.

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.

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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.

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the design and implementation of energy transition policies ; forecasting and optimized integration of renewable energy sources in off-grid systems ; tools and solutions to manage off-grid energy systems and increase their flexibility, notably through the development of energy communities and decentralized grids

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

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