

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.

Can geothermal energy be developed on Reunion Island?

Geothermal energy also presents significant potential for development, with an installed capacity of 30MW; however, the main problem for this resource on Reunion Island is its location in a protected natural area.

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.

How did Reunion Island get its electricity?

Concluding discussion During the 1980s, Reunion Island's entire electricity supply came from renewable hydropower. As the population grew and quality of life improved, coal and oil were introduced to help meet increasing demand.

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.

RÃ©union Renouvelables propose des kits photovoltaïques ; des prix compétitifs. Ces kits sont ; galemment accompagnés d'un service d'installation professionnel, garantissant une installation sere et efficace.

With its preserved natural assets, La Reunion provides an exceptional living condition and an outstanding fertile environment for research and economic development. One of world's 34 biodiversity hotspots, listed as UNESCO World Heritage for its "Pitons, cirques and remparts"

Reunion, June 29, 2022 - EDF Renewables continues its deployment on the island of Reunion with the start of construction on the ground-mounted solar power plant at RiviÃ©re des Galets, ...

Owing to its rich natural environment, this unique European territory in the Indian Ocean has exceptional potential for renewable power generation. Reunion Island is endowed ...

Comment maximiser votre autoconsommation photovoltaÃ©que ? La RÃ©union ? Pour atteindre une autoconsommation solaire efficace et rentable ? la RÃ©union, il est essentiel ...

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Owing to its rich natural environment, this unique European territory in the Indian Ocean has exceptional potential for renewable power generation. 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.

La Reunion, a tropical island located in southern part of the Indian Ocean, benefits from high sunshine throughout the year, which makes it an ideal place to develop solar energy.

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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Solar energy policies in La Reunion A carbon intensive island... With a strong regional ambition for the Energy Transition : the Multi Annual Energy Plan (PPE) adopted in 2022... The key objective of this plan is to reach 100% renewable energy sources in electricity generation by 2030, through : And a smart specialization strategy (RIS3) aiming

Reunion is blessed with many types of RES such as solar, wind, geothermal, sea energy and hydropower; this is why it is determined to become an example of an Energy Self-sufficient Island. The availability of RES has made Reunion into a small-scale laboratory experimenting renewable technologies for France.

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construction on the ground-mounted solar power plant at Rivière des Galets, in the commune of Port. With an installed capacity of approximately 5 MW, this new project contributes to achieving the island's energy autonomy objective.

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Today, more than 60% of the island's homes have solar water heaters installed on their roofs. Since the early 2000's, public policies have largely incentivized photovoltaic solar energy in Reunion Island, making it a test lab for renewables - on- and off-grid.

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