

How can a new energy system be made in RÃ©union?

This includes replacing sugar cane with different food crops; restricting urbanization; increasing the capacity for producing energy from waste; significantly scaling up photovoltaics that convert sunlight directly into energy; and convincing RÃ©union islanders to make certain lifestyle changes.

Will switching to renewables solve RÃ©union's self-sufficiency problem?

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

Is electricity self-sufficiency possible on RÃ©union?

Although electricity self-sufficiency on RÃ©union is theoretically possible, there are still a number of constraints imposed by factors such as nature, technology and economics. The island's remote location and geographical features are serious challenges for starters.

Why is RÃ©union so worried about energy imports?

Part of this concern stemmed from RÃ©union's over-reliance on imports, including for energy, says Russeil, who is now at the French National Research Institute for Agriculture, Food and Environment in Paris.

Could RÃ©union be a sustainable country?

And there are other sustainable options that RÃ©union could pursue that don't require complete self-sufficiency, such as purchasing a small amount of renewable fuel from abroad -- for example, green hydrogen from Australia. Far from a failing, Grondin says, this would just be a smart way to strategize.

What technology is needed for RÃ©union?

Wave energy is another option, but leading technologies from Australia and the United Kingdom are not suited for the sea conditions and industrial support found at RÃ©union. Bespoke solutions will be needed to tailor these kinds of technology for the island.

Optimisez votre consommation &#233;nerg&#233;tique avec Austral Groupe Energie, leader des installations photovolta&#239;ques &#224; la RÃ©union, &#238;le Maurice et Hauts de France. Revendeur exclusif Solax Power pour des solutions sur mesure.

D&#233;couvrez avec Austral Groupe Energie des solutions haut de gamme en installations photovolta&#239;ques et isolation &#233;cologique &#224; la ouate de cellulose. Exclusif revendeur Solax Power, nous offrons des services sur mesure &#224; la ...

Reunion co-founders Billy Lee and Andy Moon met in 2008, while working at a leading solar development company. Billy and Andy pioneered early solar financing structures with tax equity and private equity investors, leading some ...

The one stop solution is provided here by us in Solar Solution India. It is one of the most admired and responsible solar power companies enabling solar power with benchmark quality, ...

D&#233;couvrez avec Austral Groupe Energie des solutions haut de gamme en installations photovolta&#239;ques et isolation &#233;cologique &#224; la ouate de cellulose. Exclusif revendeur Solax ...

Bridging the research gaps on solar energy to accelerate the energy transition in La Reunion Focusing on solar forecasting and smart management of energy systems, ... Stay informed of the latest news and events related to our ...

EDF Renewables is strengthening its presence on the island of Reunion with the commissioning of the Rivi&#232;re des Galets solar power plant (4.6 MW). Inaugurated on October 27, 2023, this is the fourth EDF Renewables ...

Optimisez votre consommation &#233;nerg&#233;tique avec Austral Groupe Energie, leader des installations photovolta&#239;ques &#224; la R&#233;union, &#238;le Maurice et Hauts de France. Revendeur exclusif Solax ...

Bridging the research gaps on solar energy to accelerate the energy transition in La Reunion Focusing on solar forecasting and smart management of energy systems, TwInSolar aims at building a smart microgrid and at empowering the ...

Le Groupe EDR est constitu&#233; de quatre entreprises &#224; La R&#233;union, toutes sp&#233;cialis&#233;es dans le photovolta&#239;que et ax&#233;es sur le d&#233;veloppement durable, offrant des solutions innovantes sur ...

Qu'il s'agisse d'autoconsommation avec ou sans stockage, ou de la revente d'&#233;lectricit&#233;, ces kits offrent une solution d'&#233;nergie renouvelable attrayante et rentable. Et avec les aides pour ...

Web: <https://purelysolar.co.za>