

## How can a new energy system be made in R&#233;union?

This includes replacing sugar cane with different food crops; restricting urbanization; increasing the capacity for producing energy from waste; significantly scaling up photovoltaicsthat convert sunlight directly into energy; and convincing R&#233;union islanders to make certain lifestyle changes.

## Will switching to renewables solve R&#233;union's self-sufficiency problem?

Although laudable, switching to renewables will not solve the self-sufficiency problem. The renewable sources R&#233;union uses to generate electricity will still be mainly imported from abroad. "Forests will be cut in Canada to put in our furnaces in R&#233;union island," says Mathieu David, who studies mechanics and energy at the University of La R&#233;union.

## Could R#233;union be the first region to send food and energy?

"If there's climate-change problems, or war, or any political conflict in the world, the union wouldn't be the first region where people would think to send food or energy," says Jean Philippe Praene, who studies renewable energy at the University of La Rochelle in Saint Denis. "So we have to be as self-sufficient as possible."

## Why is R&#233;union so worried about energy imports?

Part of this concern stemmed from R&#233;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.

## Is electricity self-sufficiency possible on R&#233;union?

Although electricity self-sufficiency on R&#233;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.

## Could R&#233;union be a sustainable country?

And there are other sustainable options that R&#233;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.

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®; ...

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# R&Aunion the energy solutions group

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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 R&#233;union. Bespoke solutions...

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The first plant based on this model to emerge on the island was that of Pierrefonds, inaugurated in 2010. Since then, more than 20 projects of this type have emerged within the Akuo Group, in R&#233;union, New Caledonia and continental France, with a ...

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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 installation on the island.

Akuo Energy aims a global production capacity of 3,500 MW in 2022. Akuo has acquired an extensive expertise about greening insular energy systems by developping specific solutions to tackle the challenges faced by islands territories.

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 Rivi&#232;re 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.

R&#223;union avec la Coop&#233;rative &#201;nergie Citoyenne tenue au village de Taibaniaguene, dans la region de Kaolack au #S&#233;n&#233;gal Meeting with the Citizen Energy Cooperative held in the village of...

Work to convert the Bois Rouge plant on R&#223;union Island for all-biomass operation is well underway, and a similar project is planned for Le Gol, Albioma's second plant on the island. ...

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