

Distributed energy resources, microgrids, and virtual power plants can play a key role in this transition and have already been successfully implemented on some islands. Increasing energy efficiency can also reduce costs and create jobs.

As we focus on sustainable development and carbon neutrality, Colombia's tremendous green energy potential represents an exciting frontier for investors and eco-conscious innovators. In this blog, we'll explore Colombia's rich landscape of renewable energy opportunities, from the windy shores of La Guajira to the sun-drenched plains of ...

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Colombia's Ecopetrol, the country's state-owned oil company, is set to build the largest green hydrogen plant in Latin America. The new plant, which will be capable of producing 800 tons of green hydrogen per year, will position the company as one of the world's leaders in the generation of clean energy.

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## Colombia island green power

draw as much as \$1 billion in investments, according to the energy ministry. What does the project, along with the solar farms popping up around the country, mean for Colombia's transition to renewable energy?

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The green hydrogen plant will be powered by a 22-MW solar farm that the majority government-owned refiner commissioned earlier this year at the Cartagena site. Once up and running, the facility is will each year produce 800 tonnes of hydrogen with a purity of 99.97%, according to the ministry.

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