

What is New Caledonia's energy policy?

As a country of Oceania, one of the parts of the world most impacted by climate change, New Caledonia wishes to be exemplary in terms of energy policy. Building on the Paris Agreement, the Congress of New Caledonia adopted the Energetic Transition Scheme of New Caledonia (STENC) in June 2016. The scheme has three main objectives for 2030:

How can New Caledonia contribute to a sustainable future?

By prioritizing inclusive growth and forging sustainable partnerships, New Caledonia can navigate the challenges of its nickel industry while contributing to a greener, more equitable future. New Caledonia stands as a compelling case study for how to responsibly manage natural resources to foster a more sustainable and equitable future.

Why is New Caledonia so vulnerable?

The dependence and size of New Caledonia's market compared to larger countries in the Asia-Pacific zone makes the island very vulnerable in terms of energy supply - an unnecessary level of dependence considering the local renewable resources that could be exploited on the island.

What is New Caledonia's economy like?

New Caledonia's economy is one of the most dynamic in French overseas territories, which is particularly related to underground resources: New Caledonia holds between 20% and 30% of the world's known nickel reserves. High productivity = high dependence?

What is New Caledonia known for?

New Caledonia is also home to the world's second-longest coral reef and largest lagoon, which was designated as a UNESCO World Heritage Site in 2008. Mining at sites across the territory have only increased natural soil erosion, and metals have spilled directly into coral reefs.

Can New Caledonia be ethically tapped into its rich natural resources?

However, the path towards ethically tapping into New Caledonia's rich natural resources is far from straightforward. Mining development discourse revolves around three competing interests: large multinational extraction companies, international environmental groups, and indigenous nongovernmental organizations.

This archipelago is a mix of continental crust (from the mainly submerged continent of Zealandia) and coralline atolls, which explains the high level of endemism of the region and the diversity of species found there. 74% of plant ...

EEC Engie is successfully piloting sophisticated connected technology solutions that meet those needs and support its sustainability strategy. The distribution operator has already found that its advanced, green ...

Energy efficiency in residential buildings is not merely a trend; it is an essential component of fostering a sustainable future through sustainable solutions and eco-friendly practices. Improving a home's energy efficiency helps the environment and saves homeowners money on utility bills. This article explores the benefits of energy efficiency for homeowners and ...

Lifou is the 5th largest city in New Caledonia, France. Remotely located and off grid, the island wanted to reduce its dependency on diesel generators and switch to both solar and wind produced energy aimed at aligning to a more sustainable and environmental-friendly approach. The ENGIE Solution: A centralized energy storage with solar farms In [...]

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The Energy Transition Plan (STENC) defines New Caledonia's energy strategy for 2030. Adopted in June 2016, it constitutes the policy framework applicable until 2030. the STENC is structured around three main components: an extensive energy saving program, development of renewable energy to improve New Caledonia's energy self-sufficiency and a ...

Applied Energy Solutions, Inc. Applied Energy Solutions, Inc. (AES) is an Oklahoma-based energy services company that specializes in the design, specifications, and installation of energy efficient systems for industrial and commercial applications. AES currently performs work over North America for companies and school systems.

Strong energy dependence linked to the metallurgical sector. New Caledonia's energy mix is 97.7% fossil fuel, including 54.1% petroleum products (mainly fuel oil and diesel), 43.6% coal, and 2.3% renewable energies. This high energy dependence is directly linked to the metallurgical industry which consumes 61.2% of the total energy consumption of the territory.

reciprocating engines. In April 2014, APR Energy commissioned the plant - equipped with continuous emissions monitoring systems - within the required 30-day timeframe. Outcome The New Caledonia plant was APR Energy's largest industrial power solution at the time, and the full turnkey solution included engineering, procurement, construction,

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New Caledonia is currently highly dependent on imports of high-carbon energy sources for its energy supply. 97,5% of the island's energy needs are covered by imports of coal and petroleum products such as gasoline, diesel, gas (LPG), ...

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The first New Caledonia Energy Transition Plan (2016-2021) sets out 91 measures to encourage the energy transition of provinces and municipalities. The measures are in the form of practical ...

We need to accelerate our global energy transition towards a cleaner, more equitable and secure energy system, or miss 2050 net-zero targets. But thousands of entrepreneurs are working on innovative solutions that could help transform our global energy system, according to the World Economic Forum's latest Fostering Effective Energy Transition ...

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