

# **New Caledonia different ways of storing energy**





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### **New energy production and storage technology**

We must first remember that the issues involved in energy production and storage will vary according to the different needs of the industrial, housing, and transport sectors. Furthermore, there are many energy production solutions available ...

### **How could New Caledonia make the most of its geological ...**

Papua New Guinea has peridotite massifs comparable with those in Oman and New Caledonia in terms of their surface area and tectonic context (peridotite in the sea below a thin layer of sediment enabling storage areas to be accessed down to a depth of 3 km): the island could, in the same way, consider this sequestration option when the time is



### **New Caledonia: ENGIE subsidiaries on track to meet 2020 net ...**

ENGIE EPS has unveiled a 5MWh storage system for use by utility EEC ENGIE as part of the "Lifou 100% Renewable Energy by 2020?" project. The energy storage plant will supply Lifou with 100% green energy for several hours a day and will store the excess energy provided by the solar and wind power plants to return it to the grid when needed.

### **New technologies for consideration in New Caledonia**



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### **Akuo authorised to build 50-MW battery in New Caledonia**

The government of New Caledonia, a French overseas territory in Polynesia, has given the green light to the construction of a 50-MW/150-MWh battery energy storage system (BESS) by domestic renewable power producer and developer Akuo.



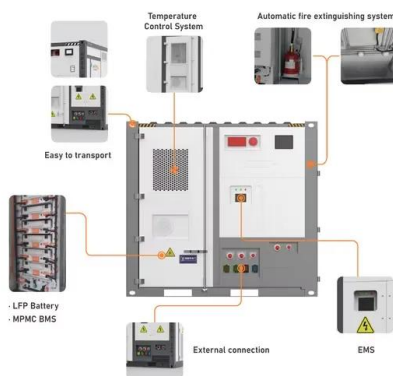
### **La transition énergétique en Nouvelle-Calédonie , ACE NC**

Après la signature en 2022 d'un accord-cadre entre la Nouvelle-Calédonie, la province Sud, Enercal, la SLN - Le Nickel et Prony Resources New Caledonia, étape historique en matière de transition énergétique, la Nouvelle-Calédonie engage une mutation de son système de production d'énergie et se retrouve ainsi projetée dans une



## Energy transition in New Caledonia

Guided by the Agence Calédonienne de l'Energie (ACE), the New Caledonia Energy Transition Scheme (STENC) defines the island's energy policy up to 2030. Adopted by Congress in 2016, STENC revolves around three main objectives: a sharp reduction in energy consumption, the development of renewable energies and the reduction of greenhouse gas



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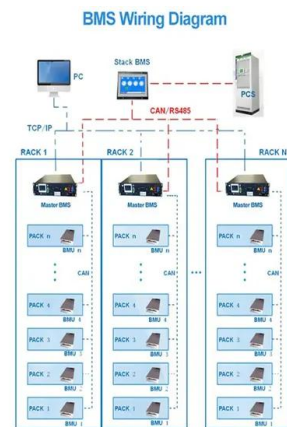
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### Production of renewable energy in New Caledonia , Akuo

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### Energy Transition Plan of New Caledonia for 2030

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

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## ENERGY

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.



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