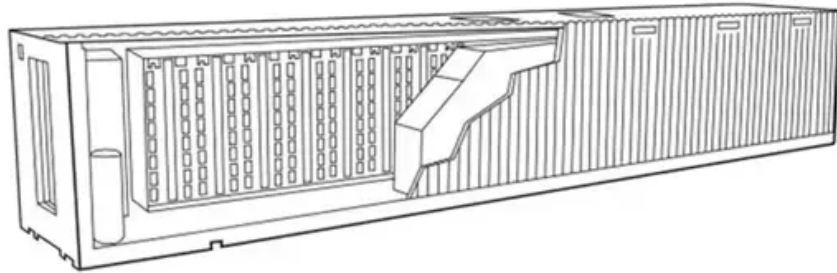


## European Solar Energy Storage

# New Caledonia entrix energy



## Overview

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What is New Caledonia's energy mix?

New Caledonia's energy mix consists of 97.7% fossil fuels, including 54.1% petroleum products (mainly fuel oil and diesel), 43.6% coal, and 2.3% renewable energies. The metallurgical industry consumes 61.2% of the total energy consumption of the territory.

How does Entrix optimize the value of your energy assets?

We at Entrix optimize the value of your energy assets in real-time. Based on predictions of the energy system and energy markets, our solution trades your assets' capacity into the right markets at best possible prices – tailored to the changing circumstances of every single day. In everything we do, we take a full asset lifecycle perspective.

What will totalenergies do in New Caledonia?

Noumea, December 20, 2021 – TotalEnergies will develop a series of photovoltaic and energy storage projects in New Caledonia in order to deliver decarbonized electricity via a 25-year renewable power purchase agreement (PPA) for the industrial operations of mining and metallurgy consortium Prony Resources New Caledonia.

Why do we support New Caledonia's energy transition?

We are very proud to support their energy transition, and that of New Caledonia," said Thierry Muller, CEO of TotalEnergies Renewables France. "As industrial firms, we think and act responsibly. Our two companies are committed to protecting natural resources and biodiversity, and to improving the situation of local communities.

Does Prony resources support decarbonization in New Caledonia?

"Prony Resources New Caledonia's commitment to decarbonization is both ambitious and pioneering in the industry. We are very proud to support their

energy transition, and that of New Caledonia," said Thierry Muller, CEO of TotalEnergies Renewables France. "As industrial firms, we think and act responsibly.

What is the role of the Caledonian Energy Agency?

The Caledonian Energy Agency's role is to implement the energy transition scheme set out by the government and to contribute to the development of the electrical system. It also promotes the rational use of energy and the development of renewable energies.

## New Caledonia entrix energy

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

Akuo has been able to support this ramping up of New Caledonia's renewable energy issues by winning two separate calls for tender - 35 MW of solar and 30 MW of wind - located in the South Province that illustrate, through their size and location, the ...

### New York City

New York City An expansive space that will straddle LA's famed Wilshire Boulevard, the project will feature 110,000 square feet of gallery space in one single level to display and present art in a non-hierarchical, egalitarian way. As part of the new building, Clark will construct a ...



### Company

At Entrix, we're a diverse team united by the quest to shape our energy future for the better. Solution; We aspire to drive that change by taking a truly comprehensive approach on how energy assets can be put to use in the best ...

### Company

We provide intelligent, tailored and responsible

management of energy assets to optimize their value in cooperation with our partners and clients whilst building a thriving organisation that values, grows, and inspires exceptional individuals.



## 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 ...

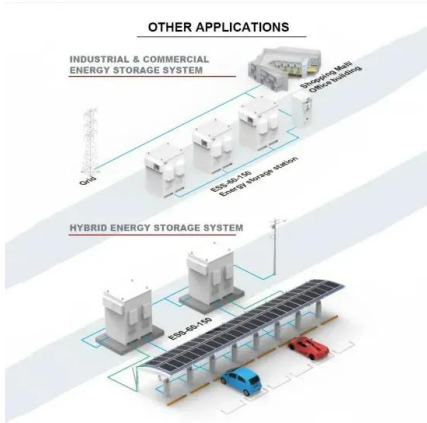
## Enpal and Entrix Launch Their Virtual Power Plant (VPP)

Enpal and Entrix have joined forces under the joint venture Flexa to introduce a next-generation Virtual Power Plant (VPP) for residential households. This pioneering initiative connects solar panels, home battery storage systems, electric vehicles, and heat pumps into an intelligent, decentralized energy network. By optimizing energy use and market participation, the VPP ...



## Henrik Petersen - Founder's Associate , Algorithmic Energy

...



Founder's Associate , Algorithmic Energy Trading  
 Entrix Aug. 2024 -Heute 4 Monaten. Munich, Bavaria, Germany  
 Project Student , Consulting Bain & Company New Caledonia, a French territory since 1853, holds significant geopolitical and economic importance to France, especially as a major producer of nickel, essential for electric vehicle

## New Caledonia: TotalEnergies and Prony Resources ...

By combining solar energy and energy storage to replace electricity generated from coal, TotalEnergies is demonstrating its ability to provide a sustainable energy solution to Prony Resources New Caledonia ...



## Empowering Grid Stability: Exploring Germany's aFRR Market

Aquila Clean Energy x Entrix Partnership for Two BESS Projects in Germany: 106 MW / 212 MWh  
 Enpal and Entrix have just launched their new Virtual Power Plant (VPP) which brings advanced energy optimization and market participation to residential households, unlocking... 29 / 08 / 24  
 New 12 MW Battery Storage Project with Blue Elephant Energy.

## New Caledonia: a considerable carbon footprint

The Plan for the Energy Transition of New Caledonia (Schéma pour la transition énergétique de la Nouvelle-Calédonie) has set the target of reducing the CO2 emissions in the

residential sector by 35% by 2030, but only by 10% for the mining industry and 15% for the transport sector.



## Entrix gewinnt den Energy Tech Challenger Award

Entrix wurde zum Battery Value Chain Challenger 2023 gewählt. Um eine wirklich nachhaltige Energiezukunft zu erreichen, benötigen wir Flexibilität im Energiesystem, und es ist entscheidend, dass wir diese so intelligent wie möglich nutzen - genau das streben wir bei Entrix an! Sehen Sie unten unseren CEO, Steffen Schülzchen, der auf dem Energy Tech Summit über [...]

## New Caledonia , Clean energy for EU islands

New Caledonia is a French territory made up of a group of islands and archipelagoes of Oceania, located in the Coral Sea and the South Pacific Ocean. It has a wide lagoon often considered "the most beautiful lagoon in the world". The territory is also distinguished by biodiversity of astonishing richness and originality: the rate of endemic species is the highest in the world.



## Our Story

Centrix Energy Partners is the tale of innovation, dedication, and the sole purpose of driving a sustainable future. We believe that Centrix



Energy Partners was a project whose primary goal was to transform the energy environment, and now it has become one of the top players in the renewable energy industry, presenting the best tools that can guarantee the utmost efficiency ...

## Centrix Energy Partners

Centrix Energy Partners is a national, privately held network of energy services companies (ESCOs) that designs, develops, finances, and implements customized energy efficiency upgrades for its



## Podcast

Aquila Clean Energy x Entrix Partnership for Two BESS Projects in Germany: 106 MW / 212 MWh  
 Enpal and Entrix have just launched their new Virtual Power Plant (VPP) which brings advanced energy optimization and market ...

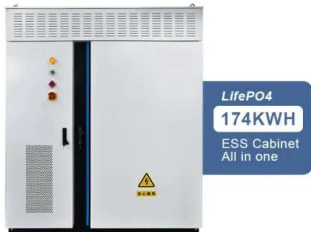
## Lars Löhle joins Entrix as Chief Commercial Officer

Embracing the Future: Meet Entrix' New CCO, Lars, and his Vision for Intelligent Energy. In our journey towards a sustainable energy transition, the world depends on individuals leading the way for a more intelligent, greener future. Lars, the recently appointed Chief Commercial Officer (CCO) at Entrix, is undoubtedly one of them.



## Company

At Entrix, we're a diverse team united by the quest to shape our energy future for the better. Solution; We aspire to drive that change by taking a truly comprehensive approach on how energy assets can be put to use in the best possible way - benefitting society and asset owners alike." We try out new ideas, deliver excellent



## New Caledonia , Pacific Energy

With the acquisition of the Shell assets in New Caledonia, Pacific Energy has been in this territory since 2006. With 36 gas stations to date, New Caledonia operates the biggest retail network of the group. Fuels and lubricants supplier for different companies, Pacific Energy serves key industry customers. It is very active for the bunkering



## Contact

Global stockholders and suppliers of stainless steel pipes, fittings, and flanges. We are confident in the products which we supply and know we can rely on their quality and performance. Stainless Steel We are the market leaders. Steel Factory We ...

## Entrix Careers

Entrix is a Munich-based start-up whose intelligence enables the energy transition and unlocks the full value of flexible energy assets such as large batteries. To support our mission, we need you: a proactive and detail-oriented

Executive Assistant and Office Manager (d/f/m) who will ensure our operations run smoothly and enable our leadership



## Ressourcen

20 / 11 / 24 Aquila Clean Energy x Entrix Partnerschaft für zwei BESS-Projekte in Deutschland: 106 MW / 212 MWh. Aquila Clean Energy EMEA hat den Startschuss für zwei der modernsten und größten Batteriespeichersysteme in Deutschland gegeben und setzt für den deutschen Markteintritt auf...

## Regional Partners Program

Centrix Energy Partners is extremely proud of our customized "Regional Partners Program" and there are a variety of ways that our National Team can actively provide value to our Regional Partners - starting with strategic planning assistance, development of focused marketing campaigns, engineering and design support, as well as financial support through mechanisms ...



## Entrix and Enpal Announce Europe's Largest Residential Virtual ...

Entrix and Enpal are proud to announce the start of Europe's largest and most innovative Virtual Power Plant (VPP) in the residential sector. This initiative, combining Entrix's expertise in



optimizing Battery Energy Storage Systems (BESS) with Enpal's extensive network of residential customers, represents a significant leap forward in the energy transition. The Virtual Power ...

## Optimisation and Trading Platform for Energy Storage

We at Entrix optimize the value of your energy assets in real-time. Based on predictions of the energy system and energy markets, our solution trades your assets' capacity into the right markets at best possible prices - tailored to the changing circumstances of every single day. In everything we do, we take a full asset lifecycle perspective.



## ENERGY

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.

## Aquila Clean Energy x Entrix Partnership for Two BESS Projects in

Located in Schleswig-Holstein and Lower Saxony, these projects have a combined power capacity of 106 MW and a total energy capacity of 212

MWh. Both are expected to become operational until early 2026 and will be optimised by Entrix, a leading specialist in AI-driven multi-market optimisation and trading for BESS. The projects are funded by [...]



## Energy transition in New Caledonia

In line with COP21 (2015 United Nations Climate Change Conference), New Caledonia is committed to its energy transition. Guided by the Agence Calédonienne de l'Energie (ACE), the New Caledonia Energy ...

## ENERGY PROFILE New Caledonia

Primary energy trade 2016 2021 Imports (TJ) 67 928 51 049 Exports (TJ) 0 0 Net trade (TJ) - 67 928 - 51 049 Imports (% of supply) 100 89 Exports (% of production) 0 0 Energy self-sufficiency (%) 3 6 New Caledonia COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021 54% 41% 6% Oil Gas



## **Podcast**

Aquila Clean Energy x Entrix Partnership for Two BESS Projects in Germany: 106 MW / 212 MWh Enpal and Entrix have just launched their new Virtual Power Plant (VPP) which brings advanced energy optimization and market participation to residential households, unlocking... 29 / 08 / 24 New 12 MW Battery Storage Project with Blue Elephant Energy.



## Energy transition in New Caledonia

In line with COP21 (2015 United Nations Climate Change Conference), New Caledonia is committed to its energy transition. 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



## **Navigating Revenue and Profitability in Battery Storage**

06 / 09 / 23 Entrix wins new investors. Energy Tech Firm Entrix wins new investors to accelerate development of its AI-powered optimization solution for battery storage and renewable energy ABACON CAPITAL, Enpal,...



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<https://bialydom.kolobrzeg.pl>