



# **Harnessing Public Buildings for Solar Generation across the Pacific Region**

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# About Vergnet



- 🌀 Company Established: 1989
- 🌀 Headquarters in France with permanent subsidiaries in Africa, Caribbean, Indian and Pacific Oceans
- 🌀 A regional subsidiary VERGNET PACIFIC in New Caledonia
- 🌀 Wind, Solar & Hybrid solutions provider
- 🌀 Long-term track record in complex and isolated regions
- 🌀 365MW installed renewable energy plants in 40 countries
- 🌀 Over 130 staff throughout the entire value chain of renewable energy project : from R&D to O&M expertise



**“Being a player in local sustainable development by providing clean essential services to communities on islands and remote areas worldwide”**



# Pacific Presence





# Solar: a Natural Resource Fit for the Pacific



## Energy Challenges faced by the Pacific Islands

- ☞ High-reliance on imported fossil fuels: high cost, long supply chain, CO<sub>2</sub> emission
- ☞ Energy demand is growing
- ☞ Challenging climatic conditions
- ☞ Scarcity of Land

## Solar Energy as a matter of course

- ☞ Abundant and sustainable resource
- ☞ Cost-competitive energy
- ☞ Increasing energy independence and diversification of the electricity production mix as a degree of security
- ☞ Equipment and design are adapted for islands conditions ensuring durability and efficiency over time
- ☞ No land footprint: solar solutions suitable for buildings, easy and fast installation

# Why Targeting Public Buildings for Solar ?

- 🌀 Governments must take the lead in the Energy Transition: Ambitious NDCs through Renewable (up to 100% renewable by 2030)
- 🌀 Taking advantage of the existing public facilities: Government Buildings, Schools, Health Centers, Military & Navy Facilities, Public Housing, Sports Complexes, etc.
- 🌀 Existing synergy between Governments and Power Utilities
- 🌀 Simple to replicate
- 🌀 Creating local jobs and strengthening local expertise
- 🌀 Raising the awareness of students through educational material





# Project Insight #1

## South Province

- Project Type: Grid-Connected Rooftop Solar PV Systems
- Location: South Province, New Caledonia
- Public Buildings: 4 Secondary Schools, 3 Health & Social Centers, 1 Territorial Building
- Client: South Province
- EPC Contractor: VERGNET PACIFIC
- Rated Power: 534 kWp
- Estimated Energy Output: 748,020 kWh/year
- Commissioning Date: June 2021

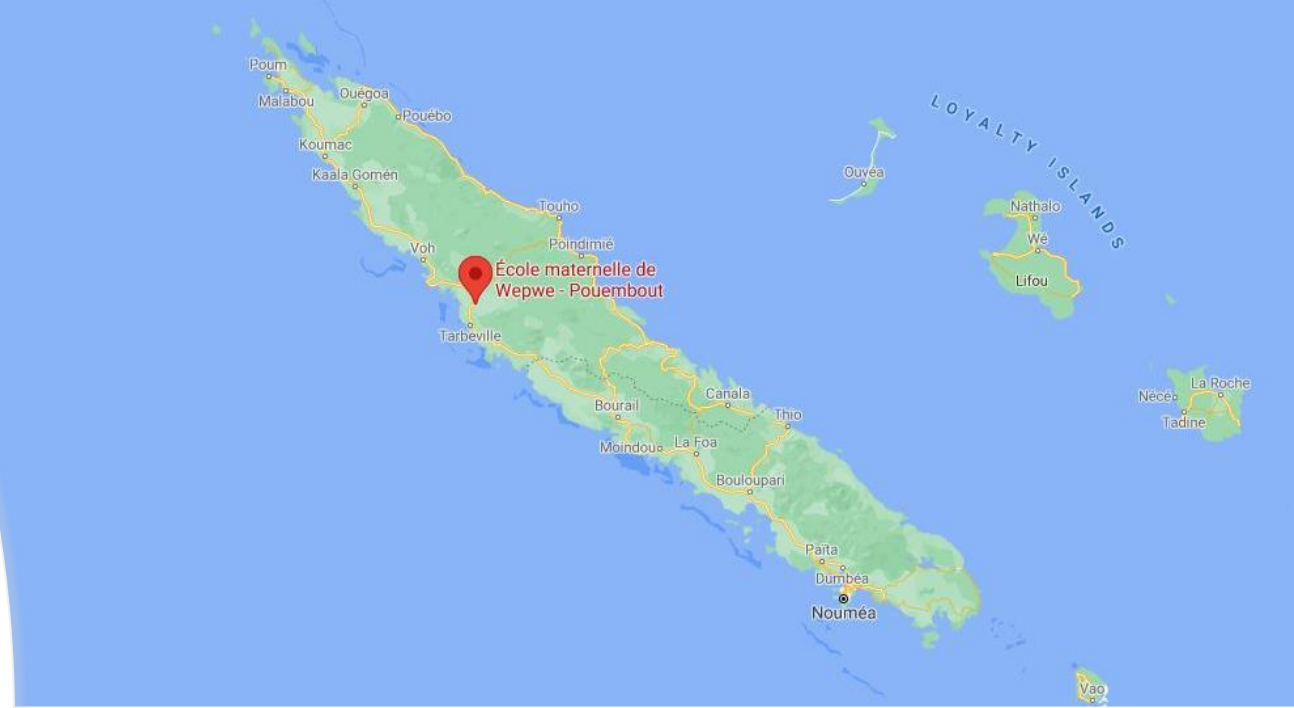




# Project Insight #2

## Nursery School of Wepwe

- 🌀 Project Type: Grid-Connected Rooftop Solar PV System
- 🌀 Location: North Province, New Caledonia
- 🌀 Public Building: Nursery School
- 🌀 Client: Municipality of Pouembout
- 🌀 EPC Contractor: VERGNET PACIFIC
- 🌀 Rated Power: 33 kWp
- 🌀 Estimated Energy Output: 46,200 kWh/year
- 🌀 Commissioning Date: March 2021





# Thank you

**VERGNET PACIFIC**

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