



AFD AND THE Energy transition in New Caledonia



Since 2016, nearly
€150 Million
have been committed
to energy transition

80 MWe
of renewable energy capacity
has been funded

126 000 tons
of CO₂ per year prevented

With New Caledonia's energy transition blueprint, the Government plans to make the territory an energy-transition and sustainable-development model.

New Caledonia's energy transition policy aims to make the territory energy self-sufficient with the objective of reducing at least 70% of greenhouse gases by 2035 as against 2019 levels. AFD is assisting the territory with this effort, in accordance with its "100% Paris Agreement" strategy, by highlighting the most greenhouse-gas-emitting sectors, namely the metals industry, transport, construction, communities and individuals.

Our operations in New Caledonia

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In 1995, AFD helped set up Enercal, in which it held shares until 2008, in order to fund the construction of the Yaté Dam, the territory's first renewable energy source.

This long-term partner relationship continues to this day with funding for Enercal's essential investment programmes and enhanced assistance in recent years to foster innovation and speed up energy transition.

1

Renewable energy development support

Since 2016, AFD has provided massive support for developing renewable energy production capacity in order to foster the deployment of efficient, resilient and carbon-free energy services. As a result, €116 million of loans were granted to develop 80 MWp of production capacity by building solar farms, hydroelectric plants and wind farms, thereby helping to achieve the objectives set by government for increasing the renewable energy share of the country's energy mix.

These power plants set up in all three provinces, some on tribal land, and help prevent 126,000 tonnes of CO₂ per year from being emitted.

As a precondition for upscaling operations, AFD has also helped modernise the long-distance transmission system (SCADA) of the grid operator Enercal and funded the first rapid storage and release system using a 25 MW lithium-ion battery, which has had a transformative effect on the territory's potential for renewable energy integration.

The agency intends to pursue its support for innovative technology development, including for green hydrogen production as an essential building block for greening the mining, metals and perhaps even maritime transport industries.

2

Promoting low-carbon emissions and energy management

Energy transition calls for far-reaching technological and societal changes that go beyond electricity and affect industry, building, mobility, town planning, and agriculture as well as our lifestyles. The agency is striving to provide large-scale assistance in consumption systems.

In order to do so, AFD signed a partnership agreement in 2022 with the New Caledonian Energy Agency (ACE), a government body in charge of implementing New Caledonia's energy transition blueprint. The partnership aims to foster dialogue between the stakeholders and is striving towards improved complementarity between public mechanisms to accelerate New Caledonia's energy transition.

In addition to consultancy support, AFD assists local authorities every year with their energy management projects related to budget funding with its concessional loan product.

With the overseas deployment in 2022 of the Program for Energy Efficiency in Buildings (PEEB) in partnership with ADEME, AFD will have an extra asset for improving energy and environmental performance on public-sector building construction or renovation projects.

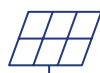
3

Eco-mobility assistance

The transport industry is the second highest consumer and emitter of greenhouse gases after New Caledonia's industrial sector. AFD provides assistance for sustainable low-carbon mobility solutions from two angles, namely:

- developing public transport by funding a sustainable high-quality public transport network; and
- developing low-carbon mobility, including through an Overseas Territory Fund grant to ACE for developing a territorial blueprint for a light-vehicle electric charging station network or by offering an enhanced loan to public entities seeking to replace their car fleets with electric vehicles.

Key figures 2022



Solar :
50 MW



Wind :
30 MW
(including
repowering)



Hydraulics :
71 MW
(including
Yaté Dam)



Storage :
40 MW

Nouméa office

1 rue de Barleux – BP J1, 98849, Nouméa Cedex, Nouvelle-Calédonie | Tel. : (687) 24 26 00 | afdnoumea@afd.fr

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5, rue Roland-Barthes - 75598 Paris cedex 12 - France - Tel. : +33 1 53 44 31 31