



TECHNICAL MEMO

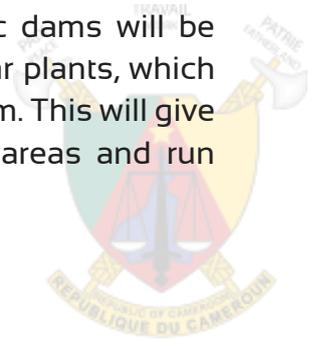
**Technical Memo on PHASE II
of the Guider II & Maroua II
Solar Power Plants**





"In the field of energy, the old hydroelectric dams will be upgraded. Others will come into service. Solar plants, which are easier to implement, will complement them. This will give you the energy you need to electrify rural areas and run industries."

Paul Biya, September 29, 2018, Speech in Maroua



"This project attests to our commitment to provide cleaner, more reliable and more accessible energy to our customers in the Grand North. We will succeed thanks to active support from Government and collaboration from our partner, Release. Together, we have designed an innovative and replicable model of partnership that makes it possible to, quickly and at controlled cost, commission sustainable energy projects."

Ammine Homman Ludiye , DG Eneo Cameroon



"Our partnership with Eneo demonstrates how public-private collaboration can accelerate affordable and reliable energy deployment through Release's modular and pre-financed approach combined with Eneo's determination. Together, the two additional solar and battery plants will help meet the growing demand and improve electricity services for communities in northern Cameroon. We're proud to kick off the construction of this impactful project and to support the energy strategy of the country"

Hans Olav Kvalvaag (CEO, Release by Scatec)





Maroua & Guider II

Significant Contribution to Solving the Power Supply Issue in the O3 Northern Regions (North Interconnected Grid)

The key challenge faced by the North Interconnected Grid (NIG) is the limited capacity of the Lagdo Hydro-electrical Power Plant, the major and main source of power generation in this part of the country, to meet the increasing demand for power. This limitation is caused by the declining water level.

The recent thermal (increased from 4 MW in 2016 to 72 MW in 2025) and solar (30 MW) power generation capacities, which, alongside Lagdo that is the cornerstone of the NIG energy mix, now make it possible to mitigate, without completely eliminating, the impact of low water levels on customers—without these efforts, the effects would be severer. The projects to expand the Maroua and Guider solar projects are part of this drive. These projects underscore the desire to build a cleaner, more reliable and more accessible energy future for everyone through positive transformation with local communities and committed partners.

For Eneo, continuing investments to modernise Lagdo and make it more reliable is also a constant endeavour, in a bid to safeguard its crucial contribution in the NIG, pending the completion of structuring projects spearheaded by the Government.



In the beginning there was Maroua I and Guider I now operational

Before this day, the partnership between **RELEASE by SCATEC** and **Eneo** had already enabled Cameroon to position itself as a pioneer in deployment of hybrid solar solutions in Africa.

Built between November 2021 and February 2023, the Guider I and Maroua I modular solar power plants were inaugurated in September 2023.

Each solar power plant has an installed solar voltage capacity of 18 MWc and is equipped with storage systems, for each battery, of 9.5 MWh.

This initiative is part of strengthening the North Interconnected Grid (NIG) and the Government's policy to build sustainable energy infrastructure.

The innovative and replicable model of partnership between **Eneo** and **RELEASE by SCATEC**, with Government oversight, is hinged on a flexible energy supply offer, fully pre-financed and without sovereign guarantee. This model made it possible to, quickly and at controlled costs, commission two projects in the North and Far-North Regions, more specifically in Guider and Maroua for phase I.

Phase II starts in September 2025.

PHASE II: What Guider II & Maroua II will look like

The projects to build the Guider II and Maroua II modular solar power plants have a combined voltage capacity of 28.6MWc and 19.2MWh

It is estimated that 62.8 GWh will be generated during the first year, which is equivalent to the annual consumption of tens of thousands of households.

Phase 2 : start of construction September 2025



Installed PV capacity: 19.8 MWp in Maroua and 8.8 MWp in Guider



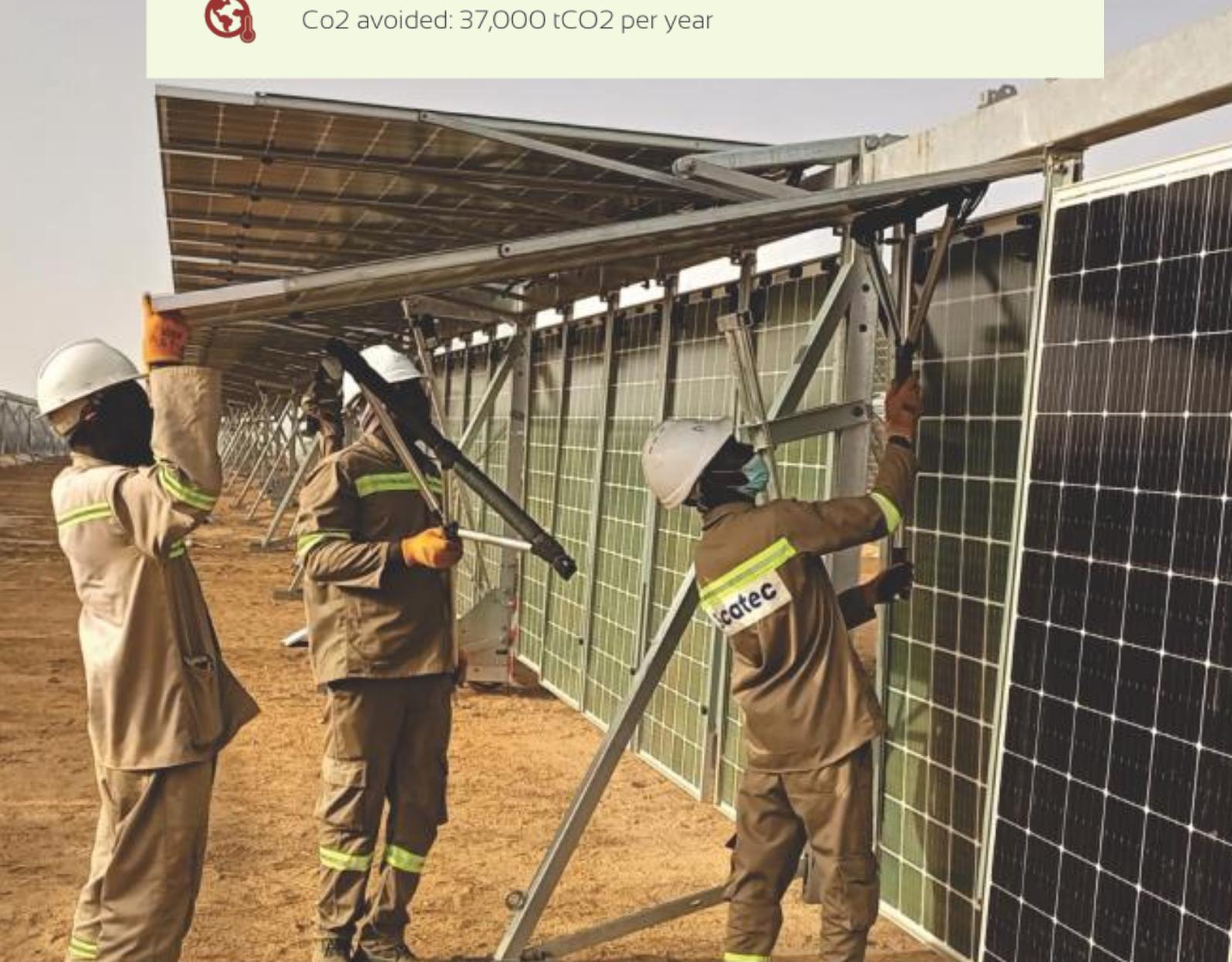
Storage capacity: 19.2 MWh in Maroua

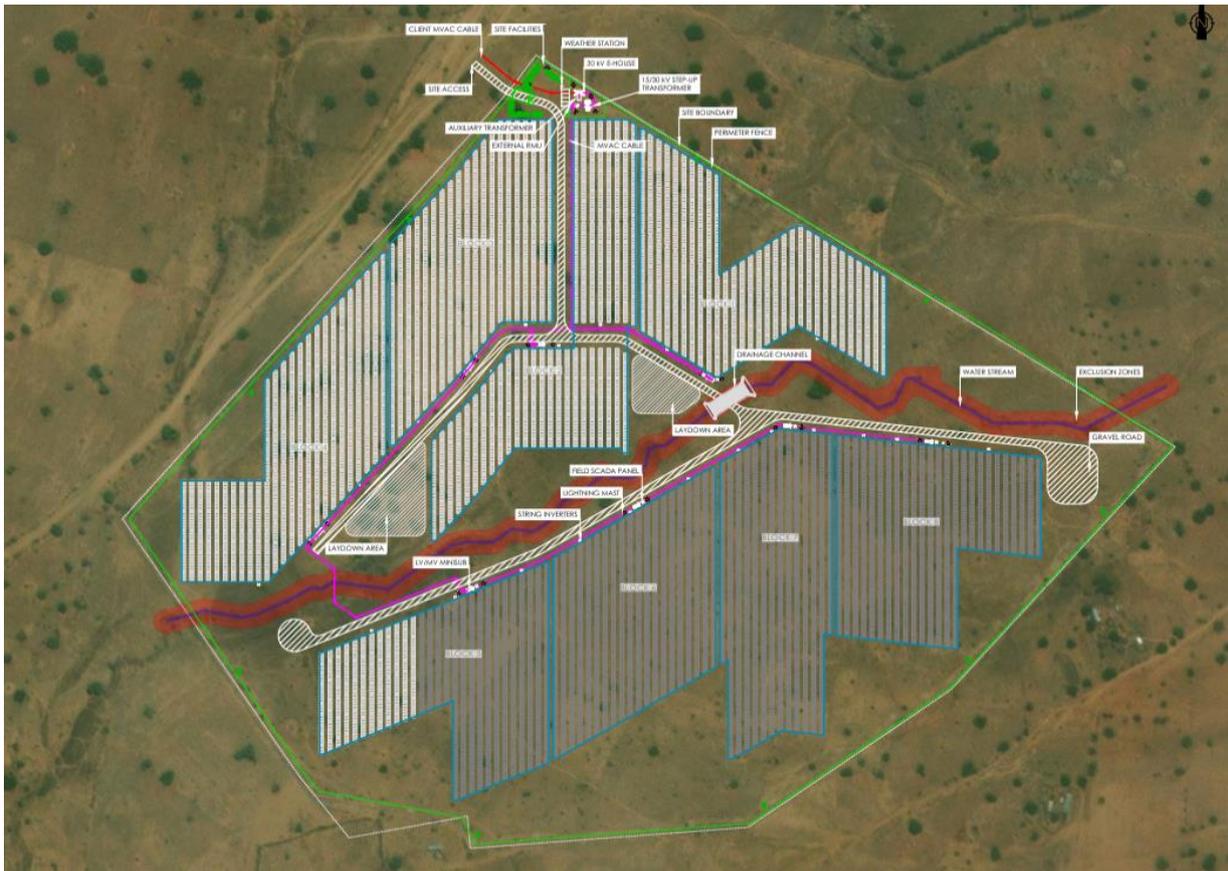


Annual energy generated: 63 GWh



Co2 avoided: 37,000 tCO2 per year





GUIDER II

Located in the Guider council area, the site that hosts the Guider II modular solar power plant stretches over a surface area of 18 hectares in Sanguere - Kolas, located around 2.5 kilometres from the site of the Guider I solar power plant and the Eneo source substation. The Guider II modular solar power plant has a capacity of 8.8MWc.

The project has 02 distinct construction phases, which will lead to the first megawatts of voltage being injected in the course of 2026.

The first phase entails carrying out preparatory works on the site, which will make it possible to host solar and electricity equipment.

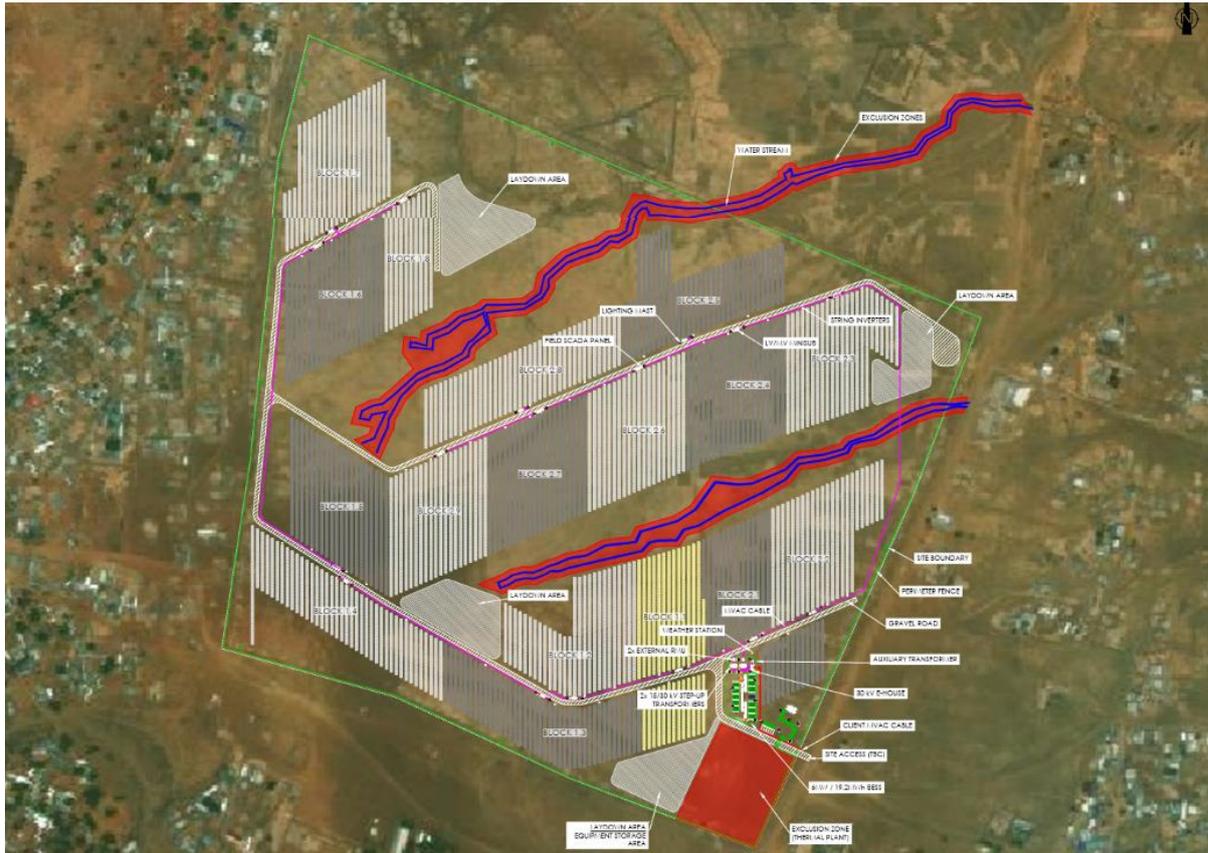
- Civil engineering works are broken down as follows:
 - carrying out earthworks on platforms;
 - creating internal roadways close to 1,000m long;
 - creating a drainage network over 1,500m long;
 - digging trenches where several kilometres of cable will be laid;
 - building reinforced concrete foundations scheduled to host the main power transformation equipment;
 - securing the site with notably the renovation of the 1,650m fence and installation of a battery-based solar lighting system;
 - erecting buildings and facilities to construct, operate and service the power plants.

The second phase entails building and commissioning the modular solar power plants. The latter will be delivered through 60 150ft. containers brought in from Europe, Africa and Asia.

It entails among others:

- 320 solar trackers equipped with 16,000 solar panels of between 545 to 600 Wc each ;
- 24 photovoltaic inverters of 350 kW each;
- 8 control and SCADA communication panels;
- 8 mini-evacuation substations of 800V/15kV;
- 1 15/30 kV booster substation notably made up of a 12MVA transformer and a 30kV containerized substations;
- 2 weather stations;
- 1 remote generation control system;
- Two lines, of 30kV each, for evacuation towards the Guider source substation.





MAROUA II

Located in the Maroua council area, the site that hosts the Maroua II modular solar power plant stretches over a surface area of 39 hectares in *Quartier Mayel-Ibbé*, located around 2 kilometres from the site of the Maroua I solar power plant opposite the Eneo source substation. The Maroua II modular hybrid solar power plant has a capacity of 19.8MWc and 19.2 MWh.

The project has 02 distinct construction phases, which will lead to the first megawatts of voltage being injected in the course of 2026.

The first phase entails carrying out preparatory works on the site, which will make it possible to host solar and electricity equipment.

- Civil engineering works are broken down as follows:
- carrying out earthworks on platforms;
- creating internal roadways close to 2050m long;
- creating a drainage network over 2500m long;
- digging trenches where several kilometres of cable will be laid;
- building reinforced concrete foundations planned to host the main power transformation equipment;
- securing the site with notably the renovation of the 2560m fence and installation of a battery-based solar lighting system;
- erecting buildings and facilities to construct, operate and service the power plants.

On its part, the second phase entails building and commissioning the modular solar power plant. The latter will be delivered through 115 40 ft. containers brought in from Europe, Africa and Asia.

It entails among others

- 660 solar trackers equipped with 33,000 solar panels of 600 Wc each ;
- 50 photovoltaic inverters of 350 kW each;
- 12 control and SCADA communication panels;
- 17 mini-evacuation substations of 800V/15kV;
- 1 15/30 kV booster substation notably made up of two 12MVA transformers and a 30kV containerized substation;
- 11 battery containers and their energy transformation equipment;
- 2 weather stations;
- 1 remote generation control system;
- Two lines, of 30kV each, for evacuation towards the Maroua source substation.



Evidence of Eneo and RELEASE by SCATEC Corporate Responsibility

Commissioning these power plants will make it possible to prevent the emission of about 37,000 tons of CO² every year: a significant contribution in the fight against climate change especially in regions highly threatened by desert encroachment.

The responsibility of **Eneo** and **RELEASE by SCATEC** is also expressed through their contribution to the welfare of residents.

- Local companies employing hundreds of youths help in the development of these power plants.
- **Eneo** and **RELEASE by SCATEC** have built potable water production infrastructure to better the living conditions of locals. 4 boreholes in Maroua and Guider
- **Eneo & RELEASE by SCATEC** are implementing a project to empower residents of surrounding villages by giving small-sized families resources to engage in income-generating activities.





The Ministry of Water Resources and Energy



Responsible for preparing and implementing the Government's policy on water resources and energy generation, transmission and distribution.

As such, it is tasked with:

- elaborating government strategies and plans in the area of water resources and energy supply ;
- prospecting, searching for and operating water resources in urban and rural areas;
- improving on the quantity and quality of water resources produced and energy generated;
- promoting investments in the water resources and energy sector together with the Ministry of Economy, Planning and Regional Development as well as relevant Administrations ;
- promoting new energy together with the Ministry of Scientific Research and innovation;
- regulating the use of water resources in farming, industrial and health undertakings together with relevant Administrations;
- monitoring management of water basins;
- monitoring management of aquifers;
- monitoring the oil and downstream gas sector ;
- monitoring regulatory companies in the water resource and energy sector.

It is the supervisory authority of establishments and companies involved in generation, transmission, distribution and regulation of water resources, electricity, gas and oil, notably:

- Cameroon Water Utilities Corporation (CAMWATER);
- Electricity Development Corporation (EDC) ;
- Energy of Cameroon (Eneo);
- National Electricity Transmission Corporation (SONATREL);
- Rural Electrification Agency (AER) ;
- Electricity Sector Regulatory Agency (ARSEL) ;
- Cameroon Petroleum Depot Company (SCDP)
- National Refining Company (SONARA).



Release is a renewable energy company providing modular solar PV and battery solutions under a flexible lease-to-own model. Majority-owned by Scatec ASA and Climate Fund Managers, Release enables utilities in emerging markets to access affordable, reliable, and clean power without significant upfront investment or sovereign guarantees.



Eneo Cameroon is the long-standing electricity producer and distributor in Cameroon. In collaboration with other actors of the electricity sector, Eneo's aim is to provide reliable energy and service quality at an affordable price, while striving to become a model of governance.

With around 50% of the installed capacity in Cameroon, Eneo Cameroon maintains, develops and operates a generating fleet of 1018 MW, of which 963 MW are under its own management and 55 MW under licensed partners.

Eneo is a mixed capital company. Its shareholders are the Actis Investment Fund (51%), the Government of Cameroon (44%) and employees (5%). Its 3,600 employees are bound by the values of Integrity, Commitment, Respect and Cohesion to help transform and improve the country's electricity service.