

GGREENYELLOW STRENGTHENS ITS COMMITMENT IN COLOMBIA WITH THE CONNECTION OF TWO NEW DECENTRALIZED SOLAR PROJECTS

As Colombia accelerates its energy transition, GreenYellow is strengthening its positioning as a key player in distributed solar generation. With more than 60 MWp in operation in the country, the company announces the connection of two decentralized solar projects in the Atlántico department. Two new solar farms, Isabel López and Finca JM, will total an annual production of more than 4 GWh, and will avoid more than 2,605 tons of CO₂/year, thus contributing to the decentralization of the Colombian electricity grid.



TWO SOLAR PROJECTS FOR LOCAL AND SUSTAINABLE PRODUCTION

- **Isabel López solar project in Sabana Larga: 2.1 GWh of green energy per year**

With an installed capacity of **1 MWp**, this solar farm is composed of **2,070 solar panels**, generating an annual production of **2.1 GWh**. It will make it possible to produce **green, local and competitive electricity**, while avoiding the emission of **1,240 tonnes of CO₂ each year**.

- **Finca JM solar project in Santo Tomás: 2.14 GWh to strengthen the electricity grid**

This **Finca JM solar project**, located in the municipality of **Santo Tomás**, is based on an **optimized decentralized generation system**. More than **2,070 bifacial photovoltaic panels of 660 Wp** each were installed, accompanied by **3 solar inverters of 330 kW**. The complex constitutes a solar power plant with an installed capacity of **990 kWp**, in compliance with Colombian regulatory requirements for distributed generation.

Producing approximately **2,14 GWh per year**, this solar farm will actively contribute to the country's energy transition while avoiding the emission of **1,365 tons of CO₂ each year**.

DECENTRALIZED PRODUCTION, A RAPIDLY EXPANDING MODEL

In Colombia, **distributed energy production** is emerging as a **key solution to diversify the energy mix and strengthen the resilience of the electricity grid**. This model aims to improve energy security while reducing the country's environmental footprint. By bringing production closer to the places of consumption, it limits dependence on large power plants, optimizes energy efficiency and minimizes losses related to the transmission of electricity over long distances. This approach is fully in line with Colombia's strategy to transition to a more sustainable and reliable system.

"These projects strengthen distributed generation in Colombia, reducing reliance on conventional power plants, such as hydropower and thermal systems. They also contribute to the stability of the power grid by optimizing voltage, current, and frequency levels. " says Miguel Barrera, Head of Photovoltaic Projects at GreenYellow Colombia.

SIGNIFICANT ECONOMIC AND SOCIAL IMPACT

Beyond their energy and environmental contribution, these projects **create over 120 local jobs** and contribute to the transfer of skills in photovoltaic installation.

"Our projects are not limited to the production of green electricity. They create jobs and promote the development of local know-how in renewable energies. Miguel Barrera adds - GreenYellow Colombia

With the connection of the Isabel López and Finca JM solar projects, GreenYellow reaffirms its commitment to a green, innovative and decentralized energy model. These solar farms illustrate the technological and environmental advances of photovoltaics, while highlighting the positive impact of renewable energy on local communities.

ABOUT GREENYELLOW

GreenYellow, a French company founded in 2007, has become in 18 years a major player in the energy transition in France and abroad and a true partner of companies and communities.

As an expert in decentralized solar photovoltaic production, energy efficiency programs, energy storage, and electric mobility, GreenYellow supports its clients throughout the value chain. The company is responsible for the development, funding, and operation of infrastructure projects, enabling them to produce local and competitive green power, reduce their energy consumption and fast-track their decarbonization.

The set of projects carried out within GreenYellow in 2023 have enabled our clients to avoid the emission of 427,000 tonnes of CO₂ equivalent. The group also aims to achieve the "Net Zero" carbon neutrality goal for categories 1 and 2 by 2040.

Operating in 15 countries on 4 continents, GreenYellow is constantly innovating to meet today's climate challenges and expand its platform with unique and global offers. www.greenyellow.com

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