



Manufacturing in Africa Showcase: **Auxano Solar**

Auxano Solar Nigeria Limited is a renewable energy solution provider headquartered in Lagos State, Nigeria. The company specializes in innovative solar energy solutions with a mission to bridge the gap in the power sector by offering sustainable, reliable, and cost-effective solar products.

In 2016, Auxano Solar launched Nigeria's first privately owned solar panel assembly facility with a 6.5 MW annual capacity. In 2023, the company commissioned a new 100MW solar panel factory in Ibeju Lekki, Lagos, reinforcing the critical work undertaken in the development of a solar value chain in Nigeria.

ADVANCING RENEWABLE ENERGY MANUFACTURING IN AFRICA

Auxano Solar is advancing renewable energy manufacturing in Africa through strategic initiatives and developments:

- **Pioneering Local Manufacturing:** Auxano Solar set up the first privately owned solar module factory in Nigeria in 2016, followed by a 100MW solar factory in Ibeju Lekki, Lagos in 2023.
- **Raising Awareness and Knowledge:** Auxano Solar has assisted various organizations with market research and reports, providing reliable data essential for the sector's growth in Africa, resulting in increased awareness and deepened knowledge.
- **Supporting Research and Development:** Auxano Solar's facilities serve as knowledge and testing centres, benefiting students and researchers. This fosters innovation and skills development in the renewable energy sector.



PHOTO: AUXANO SOLAR FACTORY

IMPACT ON RENEWABLE ENERGY MANUFACTURING IN AFRICA

Auxano Solar is a frontrunner in the midstream segment of solar manufacturing in Nigeria and supporting the sector's development in several ways:

- **Promoting Local Investment:** Auxano Solar's success has inspired other entities to consider investing in local manufacturing, showcasing the viability of the sector.
- **Enhancing Customer Trust:** Being a local manufacturer allows Auxano Solar to more easily honour warranties, providing customers with a sense of security and reliability.
- **Energy Security:** The company's operations contribute to Nigeria's energy security by ensuring a local source of solar modules.

VISION FOR THE PV SECTOR

Auxano Solar envisions supplying at least 20% of the solar modules used in Nigeria and aims to make the country a hub for solar module manufacturing in West Africa. This ambitious goal aids the company's commitment to driving renewable energy adoption and local manufacturing.

To achieve its vision, Auxano Solar identifies several key requirements: increased investment to enhance capacity utilization growth to meet rising local demand, advocating for clear policy guidelines that support local manufacturing and reduce reliance on imports, emphasizing the need for increased government incentives, and support to encourage local manufacturing and integrate local content into Nigeria's national development and energy transition plans.



PHOTO: AUXANO SOLAR LOCATION



PHOTO: AUXANO SOLAR LAUNCH DAY

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The Africa Renewable Energy Manufacturing Initiative is tailored towards the growth of renewable energy manufacturing in Africa. Africa REMI has nominated us for several industry events where we made useful connections; and have enhanced connection and cooperation with partners from the Global South. The reports published by SEforALL on Renewable Energy Manufacturing are an important resource for us and the sector. We are immensely grateful to the Africa REMI programme, SEforALL and their partners for these opportunities.

CHUKS UMEZULORA

CEO & Co-founder,
Auxano Solar Nigeria Ltd.

