



# Accelerating Solar Manufacturing

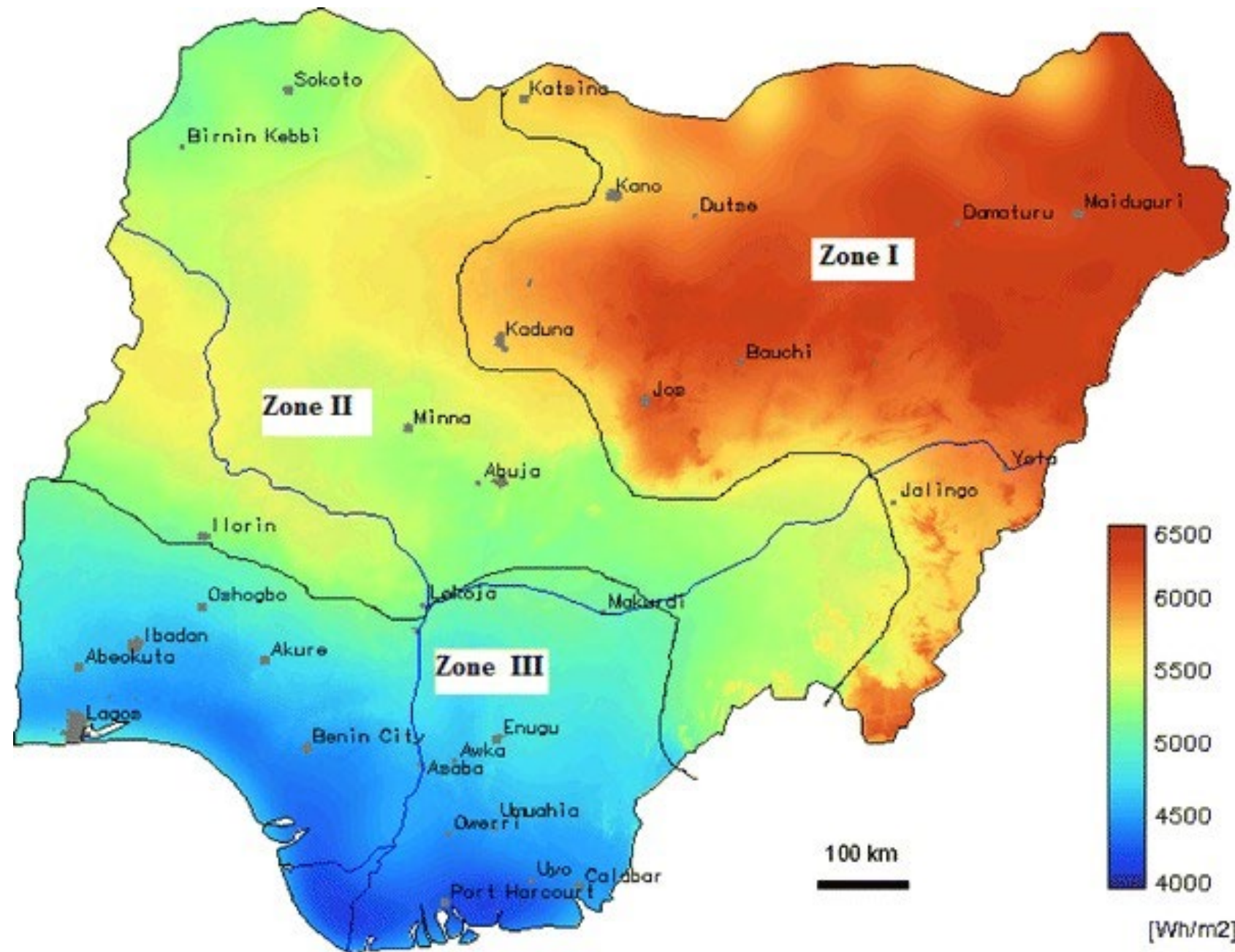
SUNIT ARYA





# Accelerating Solar Manufacturing in Nigeria

Nigeria is endowed with abundant solar resources (4–6.5 kWh/m<sup>2</sup>/day across most of the country)



Accelerating local manufacturing will address:

- Energy Access:** 85+ million Nigerians still lack reliable electricity.
- Economic Growth:** Local manufacturing creates jobs, reduces import dependency, and strengthens the value chain.
- Climate Goals:** Supports Nigeria's Nationally Determined Contributions (NDCs) and Energy Transition Plan (ETP).
- National Security:** Reduces exposure to global supply chain shocks and FX volatility.





# Solar Manufacturing Opportunities

## ➤ Local Module Assembly & Manufacturing

Encourage establishment of module assembly lines with gradual backward integration into cell and wafer manufacturing.

## ➤ Battery & Storage Systems

Foster investment in local assembly of lithium battery packs and BMS (Battery Management Systems).

Leverage Nigeria's access to critical minerals in the subregion.

## ➤ Inverters and Power Electronics

Promote technical collaboration with OEMs to localize inverter assembly and testing facilities.



# Local Manufacturing Drivers

## ➤ Policy

Align energy, and industrial policies. Incentivizing policy for adoption to support local manufacturer ecosystem.

## ➤ Tech & Talent Transfer

Public-private partnerships for R&D, local content, and technical training (like Simba's Solar installer program).



## ➤ Green Financing

De-risk investments through blended finance, concessional loans, and carbon markets.







## Transport

We are the leading three-wheeler and fastest growing two-wheeler company in Nigeria.



## Power

We are the leading company in the inverter industry in Nigeria.



## Agriculture

We are solution providers to the Agric industry, specializing in mechanization.



## ICT

We are one of the leading providers of Business Communication Solutions





# Simba Solar Solutions

Simba Power Solutions is Nigeria's leading provider of power consulting, engineering, and solutions, offering solar power, UPS systems, power protection, and backup.

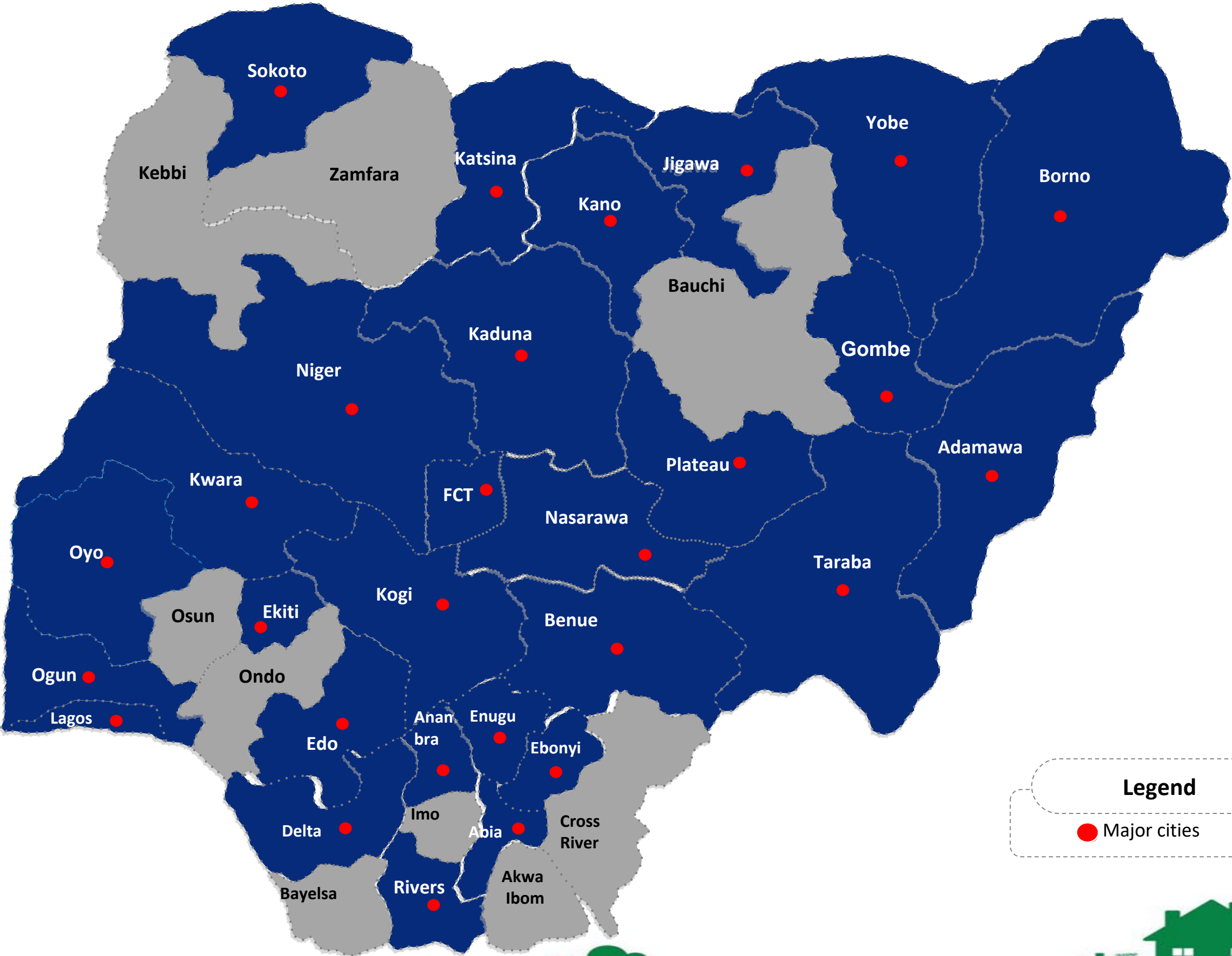
With our international partners, Simba Group delivers innovative, locally relevant solutions to ensure your enterprise has the best power solutions.





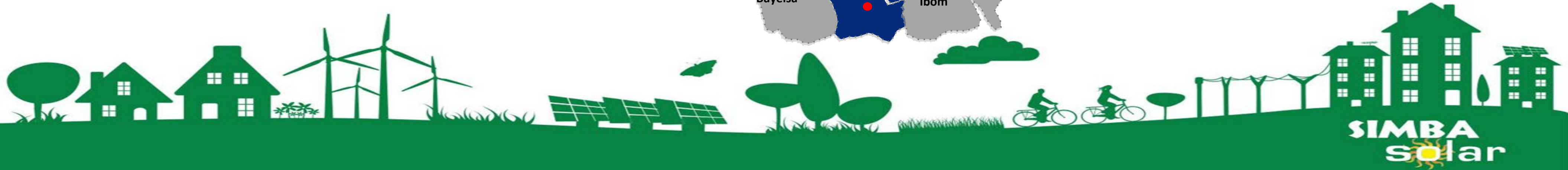
# Our Presence

- ❑ Reliable after-sales support with nationwide coverage
- ❑ 250+ Service Centers across Nigeria



Legend

Major cities



# Project Portfolio





# Project Portfolio





# Project Portfolio







# THANK YOU



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# Power Solutions: Solar Energy

Simba Solar is a leading solutions provider of solar electrification systems in Nigeria.

Our goal is to maximize the utilization of solar solutions in meeting the illumination needs of the country – from large scale installations to independent power solutions for communities, homes and offices.

Utility Scale Solar Solutions



Solar Hybrid



Solar Off Grid Solutions



Pure DC Solar

