



KADUNA STATE GOVERNMENT

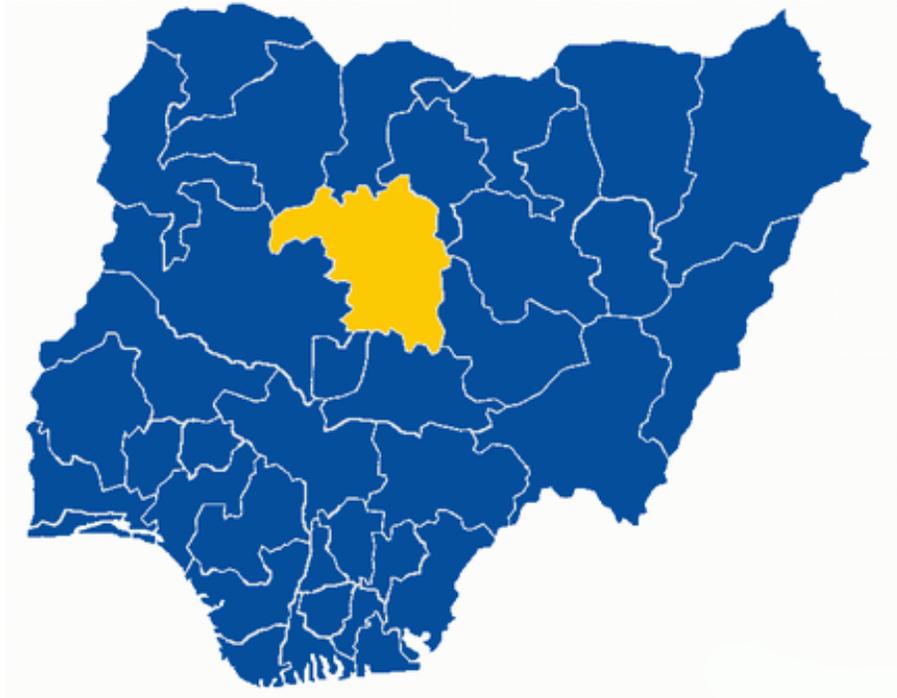
# State Government's Role in Upscaling Energy Mini Grids

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*to His Excellency, Governor of Kaduna State*

# Overview of Kaduna State



- Kaduna State is home to the former capital of the Northern Region
- Population of 6 million
- Estimated that at least 40% have no access to power supply from the grid
- Major economic drivers:
  - Agriculture
  - Textile

# Kaduna State's Off-Grid Strategy



**Goal:** An Energy Self-Sufficient Kaduna State using Public Facilities as a Model

## Policy

1

- Kaduna State Energy Policy
- Energy Auditing Plan for Public Facilities
- Streetlight Standards
- Building Energy Efficiency Standards

2

## Identification & Prioritization of Projects

- Data Gathering using Community Development Officers (CDOs) in each LGA
- Making data available
  - Kaduna Off-Grid Energy Map
  - Kaduna Distribution Grid Map
- Prioritize productive use of Energy

3

## Implementation

- State Government Support:
  - Improved process and quick turn-around for Land Application
  - Dedicated support in the office of the Governor
  - Field support through CDOs
- Government as Anchor Off-taker
  - Secure land already ear-marked
  - Leverage on scale



# Kaduna State Off-Grid Energy Projects

- Implemented:

- 1.7MW Kaduna Solar for Health (stand-alone)
- 200kW Solar Home Systems
- 46km of Solar Streetlights

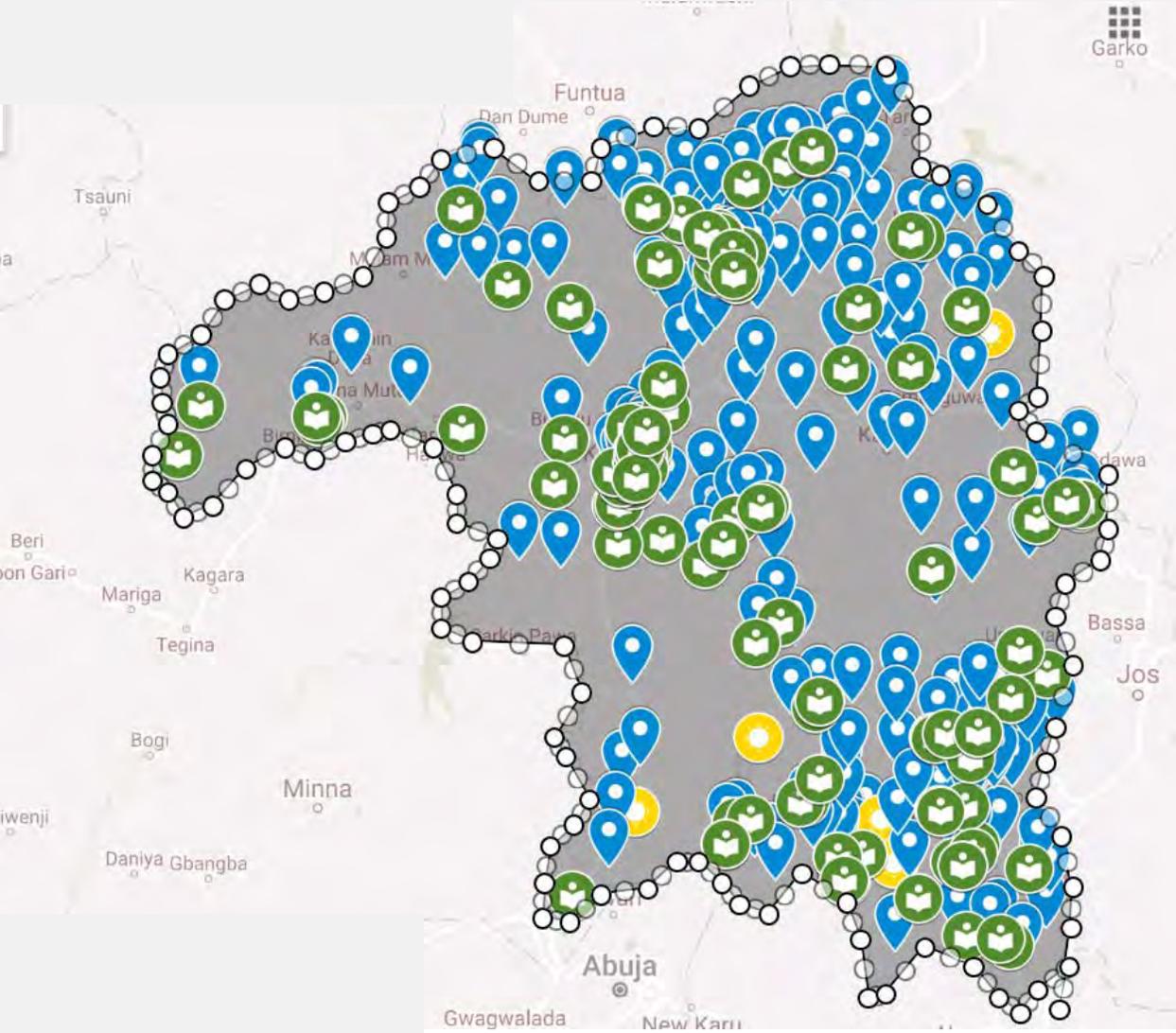
- Under Development:

- 1.6MW Mini-Grids for Primary Healthcare Centers
- 3.34MW Mini-Grids for rural hospitals, schools and water facilities
- 7MW Concentrated Solar Power for Malali Water Works (biggest and oldest water supply facility in Kaduna)

# Kaduna State Off-Grid Energy Map



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- Completed Energy Audits of:
  - Public Secondary Schools (550/550)
  - Rural General Hospitals (14/14)
  - Primary Healthcare Facilities (300/1200)
  - Water Works (20/20)
  - Government Offices (37/70)

# Contact US:

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