

Cassava Plant & 400-Unit Estate IPP – Festac

Mile 2 Roundabout, Amuwo-Odofin, Lagos
Site-visit: 17 June 2025 • Munaj & FT

Executive Summary

Our site inspection confirms that **two 1.1 MW gas generators** will easily power both the cassava processing plant and the planned 400-home estate. The project is worth **over \$20 million**, creating separate work packages for both Mikano Construction and LHCV.

Key wins from this project:

- Meets the **>\$100 million experience** requirement for Senegal and Guinea tenders
- Sponsor is a **funds manager** with multiple industrial projects—opens door to more deals
- **Gas pipeline nearby** could significantly reduce fuel costs

Immediate actions needed: Get the technicals from the client, then proceed with feasibility study.

Existing Equipment & Action Plan

Asset	Model	Year	Size	Condition	Action
Diesel Gen 1	FG Wilson P500P3	2007	500 kVA	Old	Replace
Diesel Gen 2	CAT 550F	2003	500 kVA	Old	Replace
Indoor Generator	Yellow unit (TBC)	200?	~250 kVA	Fair	Fix up
Container Generator	JMG (TBC)	20??	>500 kVA	Good	Keep
Transformer	"EVO OHRID"	–	6.6/11 kV	Fair	Service
Main Switch (RMU)	Long & Crawford/GE	1960s	630 A	Poor	Replace
HV Switches	Long & Crawford J3/GF3	1955-67	11 kV	TBD	Check
Roof Safety Rails	–	–	–	Rusty	Replace

Key Risks & Opportunities

High Priority Risks

- **Main switch unit** is 60+ years old—could fail any time
- **Roof railings** badly rusted—fall hazard

Major Opportunities

- **Gas pipeline** ~200m away could reduce fuel costs
- **Sponsor's portfolio** opens door to more projects

Medium Priority

- **Transformer oil** needs testing—could be contaminated

Site & Infrastructure

- ✅ **Good lay-down space** beside old workshop—perfect for construction yard
- 🌿 **Vegetation problem** around electrical area—needs clearing for safe access
- 🔍 **Gas connection** to be confirmed with NNPC survey

Why This Project Matters

This project gives both **Mikano Construction** and **LHCV** separate revenue streams while proving we can handle **>\$100 million projects**—exactly what we need for bigger West-African power tenders.

What We Need Next

1. **Client data:** Load curves, electrical drawings, and land documents
2. **Gas survey:** Confirm NNPC pipeline location, pressure, and connection rights
3. **Urgent replacements:** Main switch unit and transformer oil test
4. **Safety fix:** Block roof access until railings replaced