

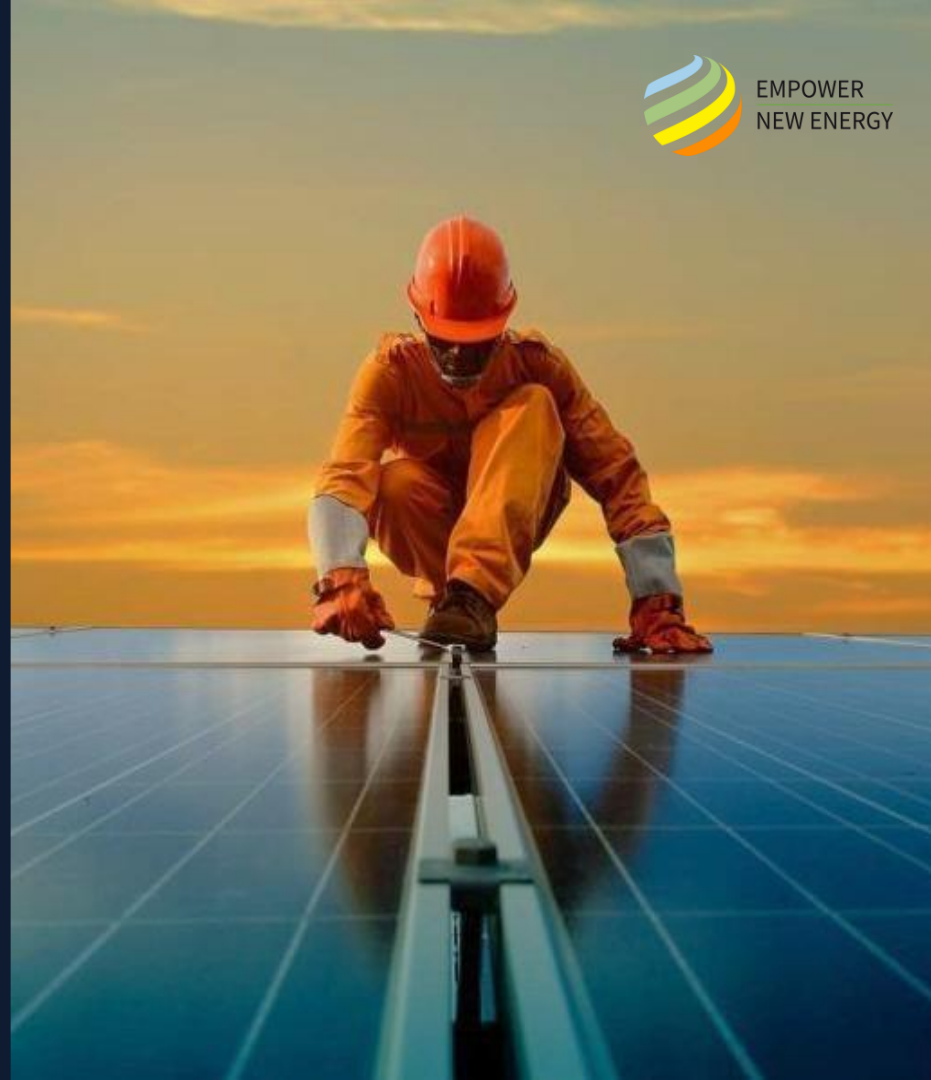
Local Stakeholder Consultation

Juddy-Bolema Industries Rooftop Solar PV Plant (VPA)

Part of the Empower Solar
Programme of Activities in Nigeria (PoA)

18 August 2026 | 13:00 – 15:00

Juddy-Bolema Ind. Ltd, 33 Umuoji St, Odoakpu, Nkpor, Anambra State



Agenda

1	Welcome & Introductions	13.00 - Opening of the meeting
2	About Empower New Energy	13.10 - Introduction of Empower New Energy and Juddy-Bolema
3	Purpose of This Consultation	13.20 - Purpose: VPA-level LSC for Juddy-Bolema Industries + PoA Context
4	The Programme (PoA)	13.30 - Empower Solar Programme of Activities in Nigeria – framework overview
5	The Project (VPA) – Juddy-Bolema Industries	13.40 - Non-technical description: technology, sites, timeline, key figures
6	Carbon Credits & Gold Standard	13.50 - What are carbon credits, how they are calculated and certified
7	Impacts, SDGs & Safeguards	14.00 - Positive and negative impacts, mitigation measures, sustainable development goals
8	Grievance & Feedback Mechanism	14.10 - Ongoing channels for input, complaints and feedback – 30-day feedback round
9	Inclusive & Gender-Sensitive Participation	14.20 - How we ensure all voices – women, youth, marginalised groups – are heard
10	Next Steps & Contact Details	14.30 - 30-day feedback period, how to submit comments
11	Q&A – Open Discussion	14.40 – 15.00 - Questions, comments and open dialogue with stakeholders

About Empower New Energy



Who We Are

Empower New Energy AS is a Norwegian renewable energy developer focused on delivering clean, reliable solar power to commercial and industrial (C&I) clients across sub-Saharan Africa.

We design, finance, and operate distributed solar PV systems under long-term power supply agreements — enabling businesses to cut costs, reduce emissions, and improve energy security.

Headquarters
Oslo, Norway

Focus
Solar PV for Commercial & Industrial clients

Nigeria PoA
Up to 15 MW installed capacity

First VPA
Juddy-Bolema Industries, Onitsha

Our Mission: Accelerate the clean energy transition for African industry — delivering affordable, reliable, low-carbon power through scalable solar PV solutions.

Juddy-Bolema Industries Limited is a Nigerian manufacturing company specializing in the production and distribution of packaging and plastic products for commercial and industrial applications. Based in Onitsha, Anambra State, the company serves a wide range of customers with quality manufacturing solutions and a commitment to operational excellence.

Purpose of This Consultation



① This Meeting: Voluntary Project Activity - Level Local Stakeholder Consultation

This is the official Local Stakeholder Consultation (LSC) for the Juddy-Bolema Industries Rooftop Solar PV Project — a solar installation proposed at an industrial facility in Onitsha, Anambra State.

You are invited to:

- Learn about the project design, timeline and expected impacts
- Ask questions and raise concerns
- Provide feedback that may influence how the project is designed and implemented

All comments received will be formally recorded and addressed.



② Programme Context: PoA Design Consultation

Juddy-Bolema Industries is the first project under a broader programme — the Empower Solar Programme of Activities in Nigeria (PoA) — which will deploy similar solar installations at commercial and industrial sites across Nigeria.

The Programme of Activities (PoA)



Empower Solar Programme of Activities in Nigeria

Up to 15 MW

Total installed capacity across all VPAs

20 Years

Programme duration (PoA)

Gold Standard

Certified under GS for the Global Goals

How the Programme Works

1

PoA Framework

Sets eligibility criteria, monitoring approach & safeguards at programme level

2

Individual VPAs

Each solar installation is registered as a Voluntary Project Activity (VPA)

3

Carbon Credits

Each VPA generates carbon credits (tCO₂e) verified under Gold Standard

The Project (VPA) – Juddy-Bolema Industries Rooftop Solar PV



 **1.50 MWp**

Solar PV Capacity

 **~2.1 GWh**

Renewable Energy / Year

 **~1,262 tCO₂e**

CO₂e Avoided / Year

Technical Description

Technology: Rooftop solar PV

Sites: 1 location — 33 Umuoji St, Odoakpu, Nkpor, Onitsha, Anambra State

Construction start: 31 January 2026 (approx. 10 months)

Operations start: 30 November 2026

Crediting period start: 30 November 2026

Lifetime: 20–25 years

✓ *No land acquisition required*

Baseline vs. Project Scenario

Baseline (without this project)

- Fossil-dominated national grid
- On-site diesel generators compensating for unreliable supply

Project Scenario

- Solar PV covers significant share of electricity demand
- **~1,262 tCO₂e avoided per year from 30 November 2026**

Why This Project Matters – Nigeria's Energy Challenge



Unreliable Grid

Nigeria's national grid suffers frequent outages. Businesses face hours of power cuts daily, disrupting operations and revenue.



Heavy Diesel Dependence

Most commercial facilities rely on diesel generators as backup — costly, polluting, and a major source of CO₂ and local air pollution.



High Carbon Footprint

Nigeria's grid emission factor is among the highest in the region. Combined with diesel use, C&I clients have a large and growing carbon footprint.



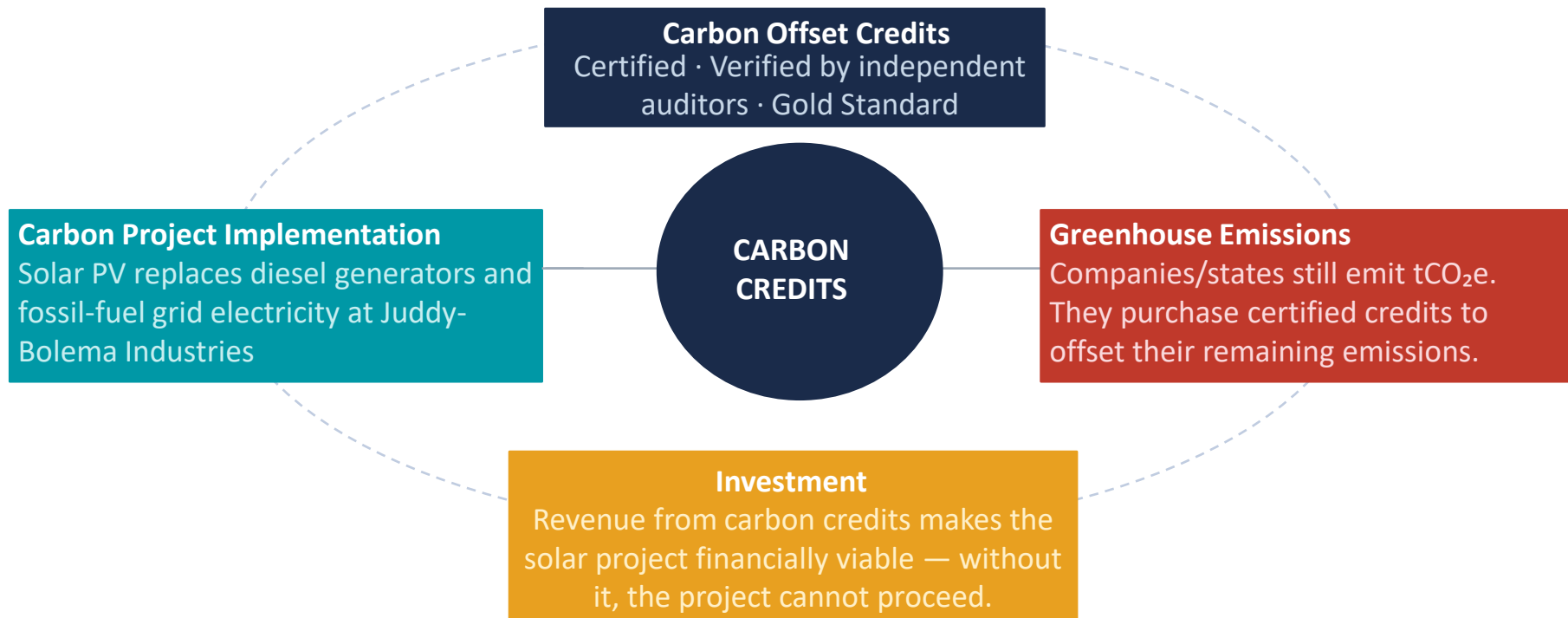
Solar as the Solution

Rooftop solar PV delivers clean, reliable, cost-effective energy directly on-site — no new land needed, immediate impact.

Carbon Credits & Gold Standard Certification



How the Carbon Credit's Work



Juddy-Bolema VPA: ~1,262 tCO₂e of carbon credits expected per year
Crediting period starts on 30 November 2026

Impacts, SDGs & Safeguards

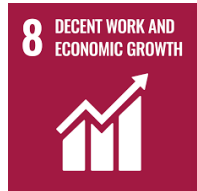
Contributions to Sustainable Development Goals – Monitoring indicators



- **Monitoring indicator:** Total number of employees provided skill development training



- **Monitoring indicator:** Total electricity produced: Renewable
- Total electricity consumed: Renewable



- **Monitoring indicator:** Total number of jobs created during construction and during Operation & Maintenance



- **Monitoring indicator:** Installed solar PV capacity (MWp) and number of commercial facilities served.



- **Monitoring indicator:** Amount of GHG emissions avoided because of the existence of the project ~1,262



- **Monitoring indicator:** Number of active partnerships and collaborative agreements implemented under the VPA.

Impacts & Safeguards: Assessed in line with Gold Standard



Safeguarding Principles & Requirements. Site-specific risks identified at VPA level will be addressed in the VPA Design Document.

ECONOMIC IMPACTS

Positive:

- Local employment during construction, installation, operation & maintenance
- Reduced energy costs for Juddy-Bolema Industries, improving business viability
- Strengthened partnerships with local EPC contractors and suppliers
- Mobilisation of private investment in clean energy infrastructure

Risks / Mitigation:

- No significant negative economic impacts anticipated

SOCIAL IMPACTS

Positive:

- Reduced dependence on diesel generators → less noise and air pollution for workers and surrounding community
- Improved occupational health conditions at Juddy-Bolema facilities
- Structured stakeholder consultation and grievance mechanism ensure community voice throughout project lifetime

Risks / Mitigation:

- Temporary noise and access disruption during installation works → *Mitigated by limited construction period and agreed site procedures*
- Occupational health & safety risks for construction workers → *Mitigated by compliance with national H&S regulations and Empower contractor standards*

ENVIRONMENTAL IMPACTS

Positive:

- ~1,262 tCO₂e avoided per year from January 2027
- Displacement of fossil-fuels with clean solar power
- No land acquisition — installations on existing rooftops only
- No significant impacts on biodiversity, soil or local air quality

Risks / Mitigation:

- Minor waste streams from equipment replacement and end-of-life → *Managed in accordance with applicable regulations and supplier procedures*

Do you agree with the measures? Do you consider there could be some improvement we are not taking into account?

Grievance & Continuous Feedback Mechanism



Empower New Energy is committed to maintaining open, accessible and responsive channels for all stakeholders throughout the entire project lifetime. **What do you think about this continuous feedback mechanism?**



Phone / WhatsApp

+47 934 10 055

Available for calls and messages



Email

projects@empowernewenergy.com



Physical Address

7th Floor Mulliner Towers
39 Alfred Rewane Road, Ikoyi, Lagos



Grievance Logbook

Where would be the most accessible and practical location for a physical logbook?



QR code

At the Juddy-Bolema Facility



For questions about Gold Standard certification and this process: help@goldstandard.org

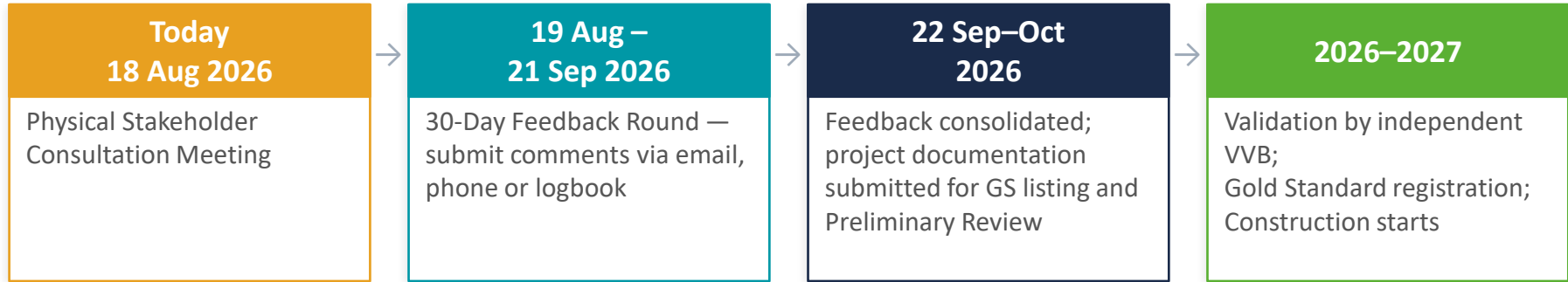
For all project-specific feedback and grievances, please use the Empower New Energy channels above.

30-Day Stakeholder Feedback Round opens after today's meeting — project documentation will be published in Empower's webpage: <https://www.empowernewenergy.com/> In the section Public Consultations.

All comments will be formally recorded and addressed.

Next Steps & How to Stay Involved

What Happens After Today



Can't attend? — Share your feedback:



Contact Person: Raja Dasgupta; Michael Iwu



Address: 7th Floor Mulliner Towers, 39 Alfred
Rewane Rd, Ikoyi, Lagos



**Phone /
WhatsApp:**

+47 934 10 055



Email:

projects@empowernewenergy.com



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SEARCH...

Clean, reliable and
low-cost electricity
for industry, commerce
and agriculture

Reliable, Cheaper and Cleaner Energy Sources for African Businesses

Empower New Energy has modernised and simplified the way for businesses to have access to their own solar power. For companies that have access to roof and ground space, there is no need to rely solely on expensive power from the grid or diesel-generated power. Together with our local partners, we provide an optimized solar PV solution reducing your energy costs whilst lowering your carbon and environmental footprint.

With the comfort of a long-term Power Purchase or Power Support Agreement, you can rely on Empower to take care of the

Get in touch

Contact Us

Evaluation forms

Please complete the evaluation forms

Name	
Gender – Male/Female:	
What is your impression of the meeting?	
What do you like about the project?	
What do you not like about the project?	
Signature	

Questions & Open Discussion

*We value your input. Please speak up, ask questions, and share your concerns.
All feedback is formally recorded and will be addressed.*

Please fill in your evaluation form before leaving. Thank you!