Non-Technical Summary – Empower New Energy AS

Empower is implementing a Programme of Activities (PoA), which is a framework registered under the Gold Standard that allows multiple similar renewable energy projects to be developed and managed together over time under a single programme. The PoA sets the overall eligibility criteria, monitoring approach, and safeguards, while individual installations are registered as Voluntary Project Activities (VPAs). In this context, the rooftop solar PV system installed at Jendol Superstores constitutes one VPA within the broader Empower Solar PV & BESS Programme of Activities in Nigeria.

Public Consultation for the PoA: "Empower Solar PV & BESS Programme of Activities in Nigeria".
Public Consultation for the VPA: "Jendol Superstores Solar PV & Battery Energy Storage Project"
Event details:

- Date: June 10th, 2026
- Time: 12:00h – 2:00 PM
- Venue: Jendol Superstores, 790 Lagos - Abeokuta Express Way, Alakuko, Alimosho LGA, Lagos State

1. Relevant Information for the PoA - *Empower Solar PV & BESS Programme of Activities in Nigeria*

Empower's Programme of Activities (PoA) focuses on the deployment of distributed solar photovoltaic (PV) & BESS systems at commercial and industrial (C&I) facilities across Nigeria. The PoA will have up to 15MW of installed capacity distributed in different VPAs.
Each Voluntary Project Activity (VPA) will involve the installation and operation of a rooftop or ground-mounted solar PV plant & BESS, either grid-connected or off-grid, depending on the host facility and local network conditions to provide clean and renewable energy.
The PoA is designed to reduce electricity consumption from the national grid and on-site diesel generators by supplying clean, reliable renewable energy directly to industrial users.
All VPAs implemented under the PoA will follow harmonized eligibility criteria, design parameters and monitoring procedures established at PoA level.

The PoA will be registered under the **Gold Standard for the Global Goals**, with a start date on 01/01/2027, and a duration of **20 years**. The goal is to generate **carbon credits**, measured in tons of CO_2 equivalent, to be traded on the voluntary carbon market.

Construction time: approx. 11 months
Operation begins: 01/01/2027

The creation of this PoA is a **voluntary action** by **Empower New Energy AS**.

2. Synergies with Similar Initiatives

This proposal supports technological innovation, installation of infrastructure in the rooftop or on the ground related to commercial and industrial clients. Building an innovation ecosystem to boost renewable energies development.

Target End Users
The project directly benefits the following groups:

- Commercial and Industrial electricity consumers

Empower will provide renewable energy, cutting emissions related to fossil fuels.

- Local community

Gains from local employment during construction, operation and maintenance. There will be strengthens partnerships between Empower, local EPC contractors and industrial associations.

3. Contribution to the Sustainable Development Goals (SDGs) & Safeguards Compliance

The project is designed to **avoid harm** to the environment and community. This will be assessed through stakeholder feedback.

Positive impacts:

Aligns with clean and renewable energy transition
Reduces fossil fuel use
Supports economic growth and green jobs

Contributes to SDGs:

7: Affordable and clean energy
8: Decent work & economic growth
9: Industry, innovation & infrastructure
13: Climate action
17: Partnership for the goals

4. Planned Consultations for Project-Level Activities (VPA)

This PoA includes multiple **Voluntary Project Activities (VPA)**, each with its own public consultation. The first one will be held for facilities in Lagos State.

First VPA Consultation:

- PoA: "Empower Solar PV & BESS Programme of Activities in Nigeria".
- VPA: "Jendol Superstores Solar PV & Battery Energy Storage Project"
- Date: June 10, 2026, at 12:00 PM
- Location: Jendol Superstores, 790 Lagos - Abeokuta Express Way, Alakuko, Alimosho LGA, Lagos State

Relevant Information for the VPA

This VPA: *Jendol Superstores Solar PV & Battery Energy Storage Project* is part of the Empower Solar PV & BESS Programme of Activities in Nigeria and represents the first implementation under the PoA.
The first VPA will be located in Lagos State.

Key VPA parameters (Summary):

- Start of the construction: 01/02/2026
- Expected start of operations: 01/01/2027

- Installed capacity: 2.17 MWp rooftop solar PV system combined with approximately 3.33 MWh of battery energy storage (BESS)
- Output: ~2.94 GWh/year
- Benefits: 1,600-1,700 tCO2e/year

Technical Description of the VPA

The Voluntary Project Activity consists of the installation and operation of a rooftop solar photovoltaic (PV) & BESS system in Lagos, covering five supermarket sites (Ojuore, Ikorodu, Isheri, Onibuku and Ajah). The system will be installed on existing rooftops and will generate renewable electricity for on-site consumption by the host facilities. The solar PV plant will operate and supply clean electricity directly to the supermarkets, thereby reducing reliance on electricity sourced from the national grid and on-site diesel generators. No land acquisition or land-use change is required for the implementation of this VPA.

Installed Capacity and Electricity Generation

The rooftop solar PV system will have an installed capacity of approximately 2.17 MWp combined with 3.33 MWh of BESS. Based on site-specific solar resource assessments and system design parameters, the installation is expected to generate approximately 2.94 GWh of renewable electricity per year. This electricity generation will directly offset fossil-fuel-based electricity consumption, resulting in an estimated annual reduction of approximately 1,600-1,700 tonnes of CO_2 equivalent emissions.

Project Timeline and Operational Lifetime

Construction of the solar PV system is expected to start in 2026 and will take place over a limited timeframe of 11 months. Commercial operation is expected to begin shortly after construction is completed. The VPA is designed to operate over a long-term operational lifetime consistent with the technical lifespan of solar PV installations, which is expected to be approximately 20 to 25 years, depending on the technology used. The VPA will be implemented within the overall duration of the Empower Solar PV & BESS Programme of Activities in Nigeria, which has a planned duration of 20 years.

Baseline Scenario and Project Scenario

In the absence of the project, the Jendol Superstores would continue to meet its electricity demand through a combination of electricity supplied by Nigeria's fossil-dominated national grid and on-site diesel generators, which are commonly used to compensate for grid unreliability. Under the project scenario, a significant share of the facility's electricity demand will be met by renewable solar energy generated on-site.

5. Summary of VPA's Economic, Social, and Environmental Impacts

As per safeguard analysis:

The VPA contains potential risks associated with the project may include temporary disturbance during installation works (noise, access constraints) and occupational health and safety risks during construction and maintenance. These risks will be mitigated through standard health and safety procedures, limited construction timeframes, and compliance with local regulations.

Economic Impacts

Impact Category	Description
Investment Catalyst	The VPA mobilises private capital for the deployment of distributed solar PV & BESS systems across Nigeria's commercial and industrial

	sector, supporting investment in clean energy infrastructure that would otherwise face financial barriers without carbon finance.
Green Job Creation	Supports job creation during construction, installation, operation and maintenance of the solar PV & BESS system.
Energy Security	Distributed solar generation reduces reliance on Nigeria's fossil-dominated grid and diesel generators, increasing operational resilience for commercial and industrial users facing frequent power outages.
Technology Innovation	The VPA demonstrates a replicable and scalable business model for renewable energy deployment in the industrial and commercial sector, supporting broader market transformation.

Social Impacts

Impact	Description
Improved public health and well-being	Reduced dependence on diesel generators lowers noise, air pollution, and occupational health risks for workers at industrial facilities.
Encouraging citizen participation and community empowerment	The VPA includes structured stakeholder consultations and continuous grievance mechanisms, ensuring transparency, inclusiveness, and consideration of local stakeholder concerns throughout the project lifecycle.

The project applies a gender-sensitive approach to stakeholder engagement and employment opportunities, ensuring equal access to participation and benefits.

Environmental Impacts

Impact	Description
Contribution to climate change mitigation	The PoA reduces greenhouse gas emissions by displacing electricity from Nigeria's fossil-dominated grid and diesel generators with renewable solar PV electricity. The first VPA alone is expected to reduce approximately **1,600-1,700 tCO_2e per year**, with additional reductions as further VPAs are implemented.
Improved soil health and biodiversity	The use of rooftop and on-site installations minimises land-use impacts and avoids pressure on natural or agricultural land.

6. Contribution to Sustainable Development Goals (SDGs)

The VPA is expected to contribute positively to sustainable development by supporting the deployment of renewable energy solutions in the commercial and industrial sector.

The VPA is expected to contribute to the following SDGs:

- SDG 7 – Affordable and clean energy
  - **Expected impact:** Increased supply of clean, reliable renewable electricity to industrial facilities, reducing dependence on fossil fuels and diesel generators.
  - **Monitoring approach:** Measurement of electricity generated by solar PV systems & BESS (MWh), based on calibrated meters and recorded annually.

- SDG 8 – Decent Work and Economic Growth
    - **Expected impact:** Creation of employment opportunities during construction, installation, operation, and maintenance phases, with adherence to labour standards and health and safety requirements.
    - **Monitoring approach:** Number of jobs created, using contractor employment records.

- SDG 9 – Industry, Innovation and Infrastructure
    - **Expected impact:** Strengthening of resilient and sustainable energy infrastructure for industrial and commercial users through distributed solar PV systems.
    - **Monitoring approach:** Number of installed solar PV capacity (MWp), and number of industrial facilities served.

- SDG 13 – Climate Action
    - **Expected impact:** Reduction of greenhouse gas emissions through the displacement of grid electricity and diesel-based generation with renewable solar power.
    - **Monitoring approach:** Annual calculation of emission reductions (tCO_2e) using Gold Standard-approved methodologies, verified by an accredited Validation and Verification Body (VVB).

- SDG 17 – Partnerships for the Goals
    - **Expected impact:** Strengthening partnerships between Empower New Energy, local EPC contractors, industrial associations, and host facilities to scale clean energy deployment.
    - **Monitoring approach:** Number of active partnerships and collaborative projects implemented under the VPA.

7. Meeting Agenda

Agenda Items:

- Opening: Welcome and introduction of speakers
- Description of the participatory process and stakeholder engagement approach
- Non-technical description of the project: main figures and key characteristics
- Carbon credits: Explanation on what are carbon credits, how are they calculated, certification under Gold Standard, role and use of the carbon credits in the voluntary carbon market.
- Presentation of potential impacts and mitigation measures. Coffee break
- Question and answer session
- Next steps and planned continuous feedback mechanisms
- Evaluation forms for the consultation process

8. Contact Information

For any inquiries related to the PoA or VPA, or for those unable to attend the public consultation, you can contact:

- Contact Person: Raja Dasgupta
- Email: projects@empowernewenergy.com
- Phone: +47 934 10 055

All feedback and grievances received will be formally recorded, acknowledged, and addressed by Empower New Energy AS in accordance with the project's continuous input and grievance mechanism, and responses will be communicated to stakeholders.

This Non-Technical Summary and related project information will remain available to stakeholders throughout the minimum 30-day stakeholder feedback round.