

clean,  
renewable,  
eco friendly.



*Company Profile*





A grayscale photograph of a worker wearing a hard hat, safety glasses, and a high-visibility vest, standing on a large array of solar panels. The worker is looking down at the panels. The background shows some trees and a building.

# Content Guide

Background

Services

- *Electric Vehicles (Motorcycles, Micro buses, Mini buses, etc.)*
- *Solar-powered Water Supply System*
- *Solar Telecom Base Stations (Internet Towers)*
- *Solar-powered Street Lights & CCTV Surveillance Systems*
- *Solar-powered E-libraries*
- *Solar-powered Homes / Offices / Factories / Gardens*
- *Solar-powered School Dormitories / Camps / Campuses / Stations / Base*
- *Solar Mini Home Light-up Bundles*
- *Solar Light-up Bundles*
- *All-in-one Solar Generators*
- *Waste-to-energy Technology*

Quality Statement

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Contact Details



*...delivering optimum and reliable renewable energy solutions.*







## BACKGROUND

With over a decade of offering unique, optimal and reliable solar systems services to our clients (households, businesses, non-governmental organisations, institutions, government parastatals and agencies), Lean Energy Int'l Limited has helped achieve a more profitable and clean renewable energy, deliver higher energy yield, lower future expenses and uncompromising safety to our clients.



## SERVICES

Our solar technology solutions include:



### 1. Electric Vehicles (Motorcycles, Micro/Mini Buses)

We offer sales, servicing, and maintenance of electric vehicles: motorcycles, cars, micro buses, mini buses, and city buses.



We offer a combination of good range of electric vehicle which are relatively affordable, spacious, excellent charging time taking only one and half hours to provide 80% charge.

Environmental friendly electric vehicles are zero emission vehicles and have been designed

with the future in mind and to suit the current economic realities by drastically reducing the exorbitant fueling (hydrocarbons) cost incurred on transportation.

The electric which is battery packed can be charged in different ways either by regenerative braking or by plugging into your closest mains socket in our designated charging centers. It can be charged during the day, before trips or left to charge at night.



## 2. Solar-Powered Water Supply (Borehole) System

We specialise in building a complete range of solar-powered water supply (borehole) system in communities, farm ridges, camps, military / emergency base, etc. for people to access clean, drinkable and functional water.

We manage water solutions from planning, approval, installation and to maintenance of solar-powered water supply systems.

Our unique combination of technology and services allows us provide the most cost-effective water supply solutions in an environment-friendly way.





### 3. Solar Telecom Base Stations (Internet Towers)



As technology continues to advance rapidly and population increasing, telecommunication companies have increased their need to provide cell phone, machine-to-machine (M2M), WiFi, and other telecommunication services to various users not only in urban areas but also in remote and rugged geographies.

Lean Energy Int'l Ltd provides the ideal solar power solutions to companies and entities addressing their domestic and global wireless needs, local / wide / global area network communications, and utility infrastructure expansion.

Our solar engineering experts design and build rugged solar power systems to provide electricity to power clients' internet towers or telecommunication base stations.

Installing an off-grid or hybrid solar power system in areas with or without access to the utility power needed to power telecommunication base stations provides a convenient, cost-effective solution to implement seamless telecommunication systems, such as: WiFi, base transceiver stations (BTS), cell phone networks, satellite terminals, and so on.

Our company provides a tailor-made, quality, affordable and reliable solar technology solutions to power telecommunications equipment used by telecom OEMs and network operators to resolve remote electricity requirements.



## 4. Solar-Powered Street Lighting & CCTV Surveillance Systems



We install and maintain an expansive and integrated Solar LED Street Lights for highways, city streets, market squares, parks, factory areas, communities, etc.

Some of our pole solar LED street lights works come with CCTV surveillance cameras system. Additionally, Lean Energy Int'l Ltd installed street lighting system uses automatic on/off and brightness/dimming configuration which allows lights works efficiently at night.

Generally, our services guarantee excellent, safe and reliable water-proof and lightning-proof works under a variety of weather conditions.

Lean Energy Int'l Ltd also converts diesel powered street lights or street lights that are originally powered by electricity from the national grid into full solar powered street lights.





## 5. Solar-Powered e-Library Hub

Our tastefully and aesthetically carved solar-powered smart libraries for primary and secondary schools, and higher institutions of learning afford users (learners) to access a variety of rich learning contents, hi-tech computer systems and its peripherals, mind-blowing learning space, unlimited internet connectivity, insurance cover, games and many more.

Our solar-powered eLibrary projects are commonly undertaken and funded by schools, companies through CSR initiatives, NGOs and local/state governments.

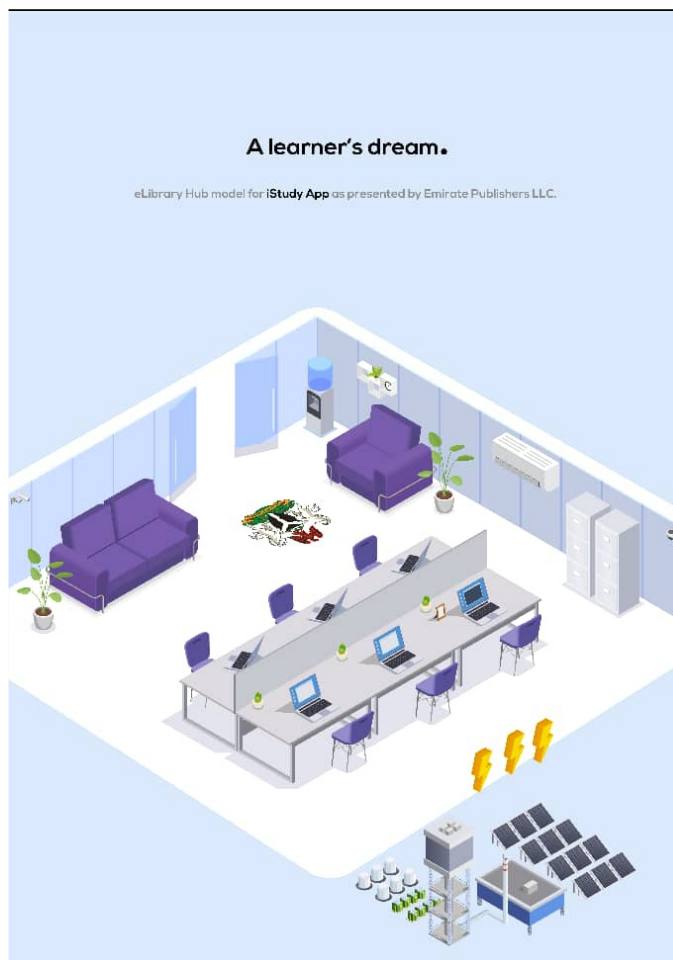
The solar powered e-library is a brainchild of Emirate Publishers, a sister company to Lean Energy Int'l Ltd.

Emirate Publishers is one of the fastest growing publishing and learning resource companies in Africa that has educational (learning) contents for primary, junior and secondary school pupil/students and higher institution learners.

### UNIQUE FEATURES

- \* A 2kVA - 5kVA solar proposed electricity
- \* 6-10 modern computer systems and other peripherals.
- \* One air conditioner, furniture and lights.
- \* One year internet connectivity.
- \* One year IT training & consultancy.
- \* One year gadgets insurance cover.
- \* Over 150 study materials for primary and secondary school.
- \* 40,000 multiple choice questions.
- \* 10,000 spelling bee words.
- \* Games, videos and others.

Standard Hub	N8,000,000
Premium Hub	N10,000,000
Enterprise Hub	N12,000,000



## 6. Solar-Powered Homes / Offices / Factories / Estates / Farms & Gardens



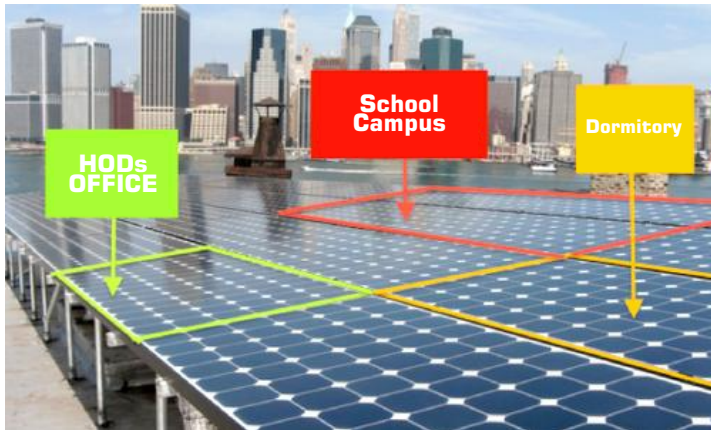
We install a broad-spectrum of solar-power systems in various homes, workspaces, government offices, and factories.

With our wide range of solar-powered smart homes, offices, factories solutions, clients are guaranteed quality services and can manage energy costs more effectively, reduce the impact of power outages and become more eco-friendly.

CAPACITY	CONFIGURATION	VALUE (N)
2.0kVA	MONOCRYSTALLINE SOLAR PANELS LITHIUM (Li) QUALITY BATTERIES 2kVA INVERTER MPPT CHARGE CONTROLLER	3,000,000
3.5kVA	MONOCRYSTALLINE SOLAR PANELS LITHIUM (Li) QUALITY BATTERIES 3.5kVA INVERTER MPPT CHARGE CONTROLLER	5,000,000
10kVA	MONOCRYSTALLINE SOLAR PANELS LITHIUM (Li) QUALITY BATTERIES 10kVA INVERTER MPPT CHARGE CONTROLLER	9,000,000
14kVA	MONOCRYSTALLINE SOLAR PANELS LITHIUM (Li) QUALITY BATTERIES 7.5kVA INVERTER X2 MPPT CHARGE CONTROLLERS	14,700,000



## 7. Solar-Powered School Dorms/ Camps/ Campuses/ Stations/ Base



Lean Energy Int'l Ltd also install customized (tailored) solar power systems in secondary schools with boarding facilities (dormitories), school campuses, police stations, barracks, camps, site facilities, etc.

With our guaranteed quality and reliable services, clients can now enjoy uninterrupted power supply and also manage their energy costs more effectively.



## 8. Solar Mini-Home Light-up Bundles.

### Style Plus Bundle (Smart System)

The **Smart system** consists of 300Ah solar home inverter with inbuilt battery (powers the home for an average of 20 hours when fully charged), a Smart TV, 2 standing fans, 5 light bulbs and a port for charging devices i.e Phones, Laptops etc. It has two years warranty and five years life span.



36" (inches) TV, 2 Fans & 5 Bulbs  
**N900,000**  
 4 Installments Payments

### Premium Plus Bundle (TV System)

The **TV system** consists of 200Ah solar home inverter with inbuilt battery (powers the home for an average of 18 hours when fully charged), a Smart TV, 2 standing fans, 5 light bulbs and a port for charging devices i.e Phones, Laptops etc. It has two years warranty and five years life span.



32" (inches) TV, 2 Fans & 5 Bulbs  
**N600,000**  
 4 Installments Payments

### The Premium Bundle (Fan System)

The **Fan system** consists of the 100Ah solar home inverter with inbuilt battery (powers the home for an average of 15 hours when fully charged), 4 light bulbs, 2 standing fans, a radio set and a torch light. It has two years warranty and five years life span.



2 Fans & 4 Bulbs, 1 Touch Light, 1 Radio  
 An Inverter Box (12 hours daily)  
**N350,000**  
 3 Installments Payments

### The Pricey Bundle (Light System)

The **Light system** consists of the 50Ah solar home inverter with inbuilt battery (powers the home for an average of 10 hours when fully charged), 2 light bulbs, 1 standing fan, and a torch light. It has two years warranty and five years life span.



1 Fan & 2 Bulbs  
**N205,000**  
 2 Installments Payments



## 9. Solar Mini-Home Light-up Bundles.



## 10.

### All-in-one Solar Generators

Our all-in-one solar generator is a sleek designed solar power technology which has in-built inverter, battery, and battery charger in a single device which provides electricity for homes and offices.

Lean Energy Int'l Limited offers sales and delivery of different capacity of solar all-in-one generators. These all-in-one solar generators come with unique features and specifically designed to power different homes, offices, remote work stations, etc. We offer free delivery to any location within the country.



1kVA

Which Powers

- 1 Smart TV
- 2 Fans
- Led lightings
- Other light loads

₦800,000



3kVA

Which Powers

- 2 Smart Tvs
- 1 inverter AC
- 3 Fans
- DSTV
- Game Console
- Led lightings
- Other light loads

₦1,700,000




5kVA

Which Powers

- 3 Smart Tvs
- 1 inverter AC
- 4 Fans
- Led lightings
- 1 Fridge/Freezer
- Other light load

₦2,500,000



10kVA

Which Powers

- 3 Smart Tvs
- 2 inverter Acs
- 4 Fans
- 1 Fridge/Freezer
- Pumping Machine(2hrs)
- Washing Machine(2hrs)
- Other light loads
- Game Console
- Home Theater
- Led lightings

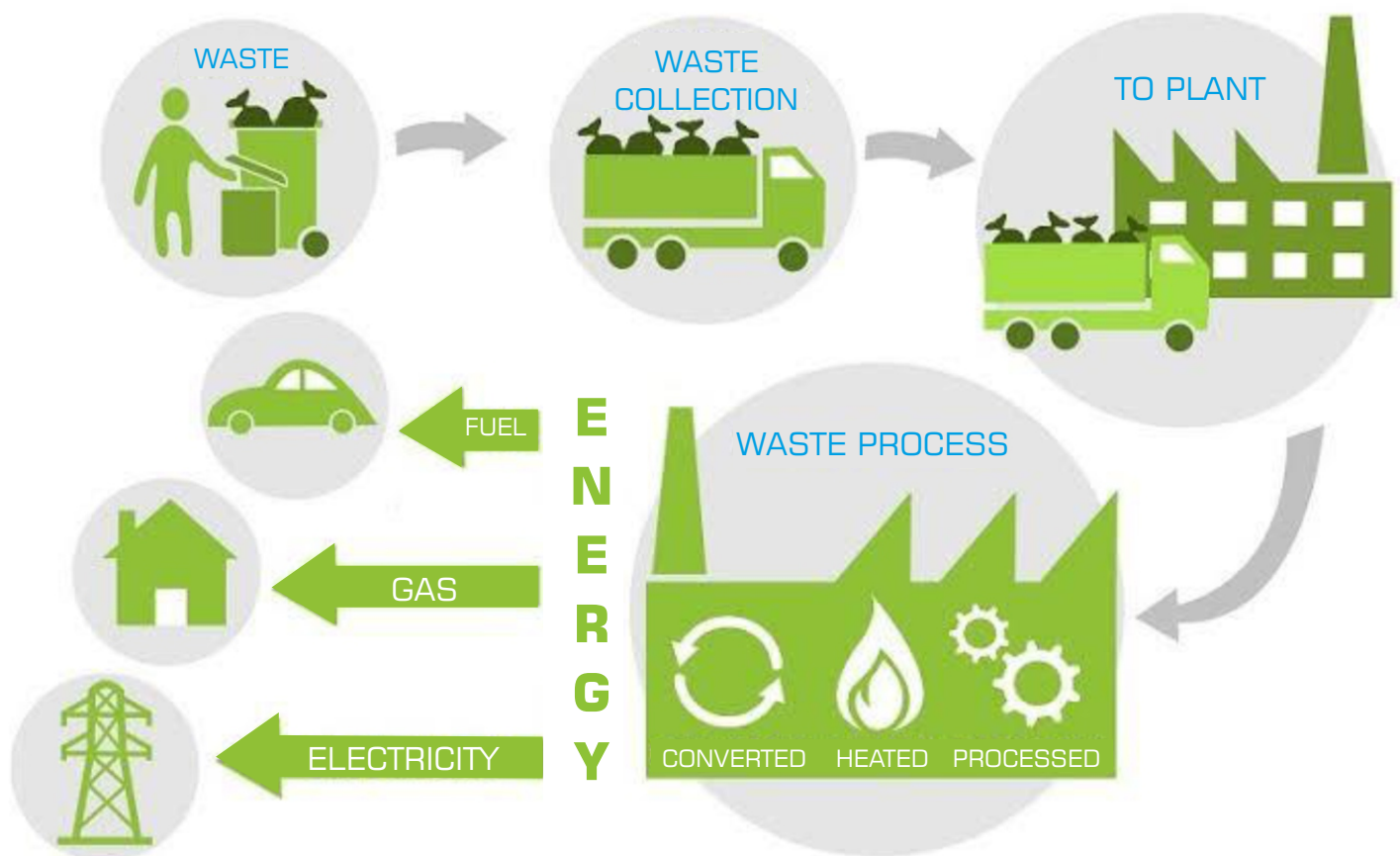
₦4,800,000

### GENERAL FEATURES

- 4 moveable wheels.
- 3-year warranty gives worry-free experience.
- 6-8 years life-span.
- WiFi & Bluetooth connectivity.
- USB-C output 2 ports.
- Plug-in 500W solar panels.
- Powers 70-90% of your home/office appliances.
- Charges 5x faster.
- 20-24 hours usage time when fully charged.
- 0-80% in just 50 minutes and also charges from 0-100% in 80 minutes with AC output.
- Lithium battery.
- Automatic change over.
- Built to last 3x longer and get 10 years of daily use.
- Expandible capacity.
- Control from anywhere, checking charging data, adjust charging speed with ease.
- Easy to use and no installation cost.



## 11. Waste-to-energy Technology.



Lean Energy Intl provides an integrated waste management and technologically driven energy generation sources. We promote, provide and deliver sustainable energy and waste solutions through our expertise of people and investment in technology.

We facilitate the conversion of tons of waste from municipalities and businesses and are converted into clean and renewable electricity using Energy-from-waste (energy recovery) facilities.



## QUALITY STATEMENT

### Mission

Build a culture of excellence and safety through the delivery of quality, efficient and innovative renewable energy solutions to our clients.

### Vision

Build a world class portfolio of renewable energy assets in Africa.



## CORE VALUES

We are guided  
by a set of seven  
E.L.A.S.T.I.C.  
core values

Eco-friendly

Leadership

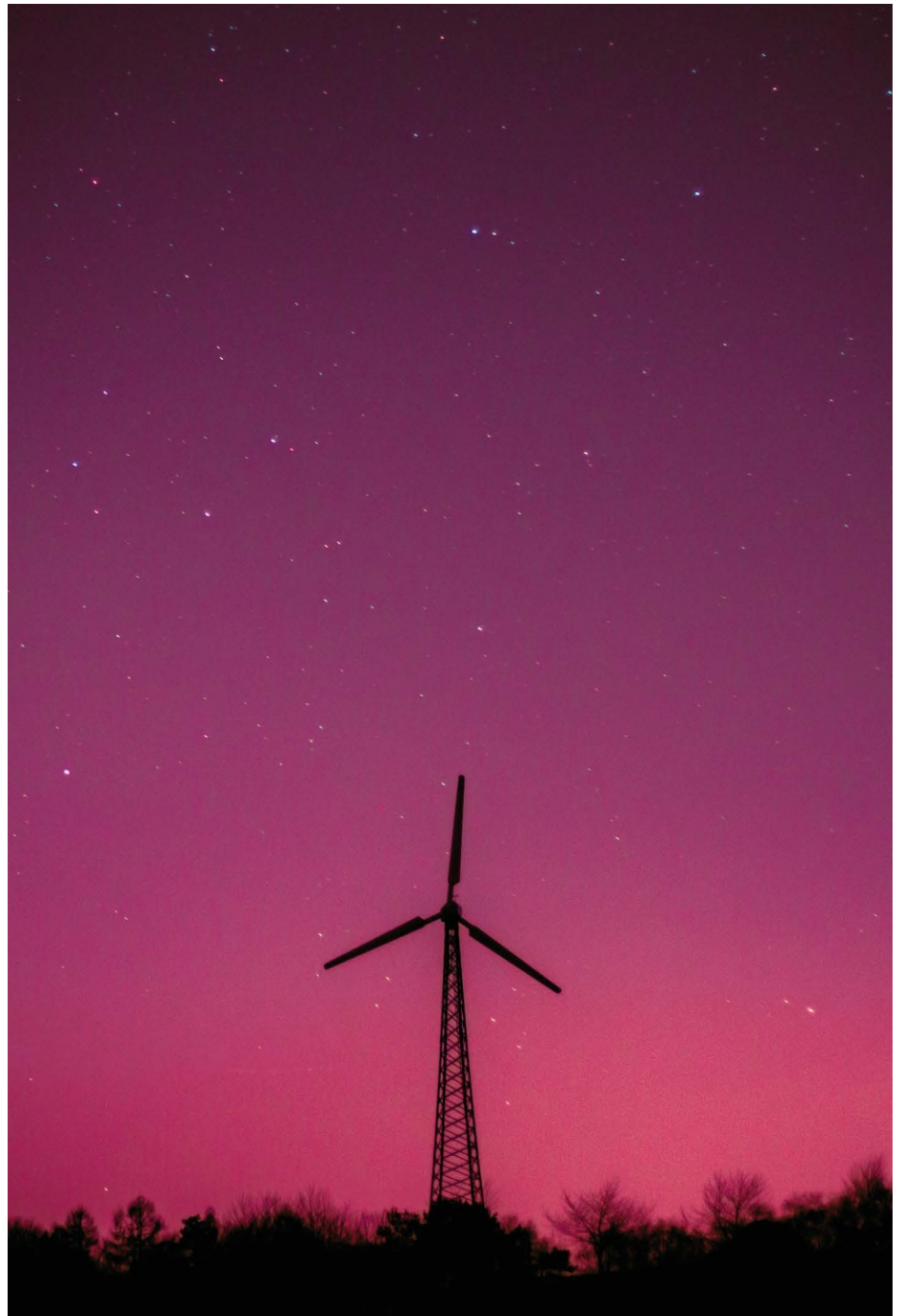
Adaptability

Sustainability

Technology

Innovation

Competence





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